

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126819.D
 Acq On : 04 Feb 2022 18:59
 Operator : CG/JU
 Sample : N1381-12MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-09(25-30)-02-02-22MSD

Quant Time: Feb 04 23:55:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : Jagrut Upadhyay 02/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	148563	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	582817	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	311087	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	524912	20.000	ng	0.00
76) Chrysene-d12	14.133	240	290590	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	253608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1253119	115.530	ng	0.01
7) Phenol-d6	6.575	99	1713869	114.229	ng	0.00
23) Nitrobenzene-d5	7.516	82	1210376	77.723	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	368971	114.283	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1405715	74.822	ng	0.00
79) Terphenyl-d14	13.068	244	1303585	75.043	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	230696	42.031	ng	# 86
3) Pyridine	3.622	79	576246	38.714	ng	# 80
4) n-Nitrosodimethylamine	3.587	42	216117	47.006	ng	# 68
6) Aniline	6.622	93	702987	36.718	ng	97
8) 2-Chlorophenol	6.734	128	491299	49.536	ng	98
9) Benzaldehyde	6.504	77	455829	48.290	ng	88
10) Phenol	6.586	94	793929	49.437	ng	96
11) bis(2-Chloroethyl)ether	6.686	93	627258	48.482	ng	90
12) 1,3-Dichlorobenzene	6.892	146	513473	45.978	ng	98
13) 1,4-Dichlorobenzene	6.969	146	519459	46.021	ng	97
14) 1,2-Dichlorobenzene	7.116	146	492068	44.860	ng	96
15) Benzyl Alcohol	7.086	79	567668	47.354	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	670669	48.117	ng	82
17) 2-Methylphenol	7.192	107	456352	46.790	ng	93
18) Hexachloroethane	7.463	117	207544	46.938	ng	# 90
19) n-Nitroso-di-n-propyla...	7.363	70	445515	45.094	ng	# 83
20) 3+4-Methylphenols	7.345	107	550244	44.794	ng	# 84
22) Acetophenone	7.357	105	741574	43.972	ng	# 90
24) Nitrobenzene	7.533	77	718085	46.452	ng	# 87
25) Isophorone	7.769	82	1281668	47.955	ng	95
26) 2-Nitrophenol	7.845	139	251432	48.802	ng	# 72
27) 2,4-Dimethylphenol	7.880	122	436887	48.551	ng	89
28) bis(2-Chloroethoxy)met...	7.981	93	768126	45.316	ng	97
29) 2,4-Dichlorophenol	8.086	162	402076	45.390	ng	96
30) 1,2,4-Trichlorobenzene	8.169	180	415986	43.667	ng	99
31) Naphthalene	8.257	128	1357046	44.548	ng	99
32) Benzoic acid	7.992	122	274229	39.490	ng	# 75
33) 4-Chloroaniline	8.298	127	180990	14.705	ng	# 94
34) Hexachlorobutadiene	8.369	225	256100	42.890	ng	99
35) Caprolactam	8.675	113	146232m	45.368	ng	
36) 4-Chloro-3-methylphenol	8.780	107	515140	45.623	ng	91
37) 2-Methylnaphthalene	8.945	142	859141	45.770	ng	98
38) 1-Methylnaphthalene	9.045	142	807150	44.671	ng	98
40) 1,2,4,5-Tetrachloroben...	9.110	216	401726	44.851	ng	97
41) Hexachlorocyclopentadiene	9.098	237	459635	89.028	ng	94
43) 2,4,6-Trichlorophenol	9.222	196	285169	45.193	ng	98

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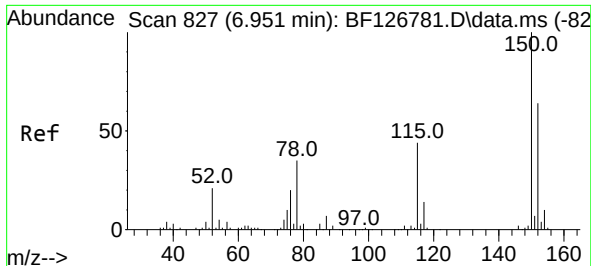
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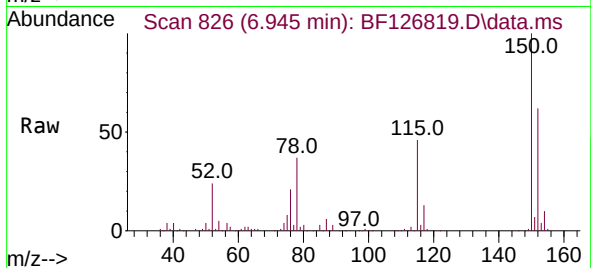
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	300379m	45.597	ng	
46) 1,1'-Biphenyl	9.410	154	1035659	45.457	ng	97
47) 2-Chloronaphthalene	9.439	162	819066	45.351	ng	100
48) 2-Nitroaniline	9.533	65	343421	46.638	ng	93
49) Acenaphthylene	9.857	152	1306500	46.853	ng	98
50) Dimethylphthalate	9.716	163	985802	45.844	ng	# 99
51) 2,6-Dinitrotoluene	9.774	165	216064	48.915	ng	85
52) Acenaphthene	10.027	154	879374	49.460	ng	97
53) 3-Nitroaniline	9.945	138	171408	34.054	ng	80
54) 2,4-Dinitrophenol	10.051	184	211096	90.726	ng	92
55) Dibenzofuran	10.198	168	1138977	43.402	ng	98
56) 4-Nitrophenol	10.104	139	343542	90.122	ng	# 76
57) 2,4-Dinitrotoluene	10.180	165	289427	48.345	ng	# 98
58) Fluorene	10.545	166	860105	44.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	249242	43.712	ng	# 82
60) Diethylphthalate	10.410	149	934532	44.231	ng	97
61) 4-Chlorophenyl-phenyle...	10.533	204	423807	43.151	ng	89
62) 4-Nitroaniline	10.569	138	208000	43.549	ng	81
63) Azobenzene	10.692	77	1291166	44.044	ng	91
65) 4,6-Dinitro-2-methylph...	10.586	198	144281	45.311	ng	95
66) n-Nitrosodiphenylamine	10.651	169	778018	46.091	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	273395	45.503	ng	# 89
68) Hexachlorobenzene	11.086	284	299108	45.496	ng	92
69) Atrazine	11.180	200	256530	46.835	ng	92
70) Pentachlorophenol	11.280	266	324657	84.643	ng	98
71) Phenanthrene	11.510	178	1284535	44.185	ng	99
72) Anthracene	11.563	178	1302757	44.741	ng	100
73) Carbazole	11.716	167	1125081	40.958	ng	99
74) Di-n-butylphthalate	12.039	149	1427903	44.834	ng	# 98
75) Fluoranthene	12.704	202	1232786	41.690	ng	97
77) Benzidine	12.821	184	211321	31.700	ng	98
78) Pyrene	12.933	202	1215278	52.331	ng	99
80) Butylbenzylphthalate	13.545	149	514111	53.354	ng	# 93
81) Benzo(a)anthracene	14.121	228	896497	46.235	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	216373	38.965	ng	# 97
83) Chrysene	14.157	228	840013	45.755	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	689022	54.961	ng	99
85) Di-n-octyl phthalate	14.721	149	953482	53.340	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.198	276	846413	54.719	ng	# 89
88) Benzo(b)fluoranthene	15.198	252	740184	44.636	ng	# 93
89) Benzo(k)fluoranthene	15.227	252	731706	44.234	ng	# 96
90) Benzo(a)pyrene	15.580	252	744039	56.286	ng	# 95
91) Dibenzo(a,h)anthracene	17.221	278	726400	57.332	ng	# 93
92) Benzo(g,h,i)perylene	17.680	276	732915	58.567	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59

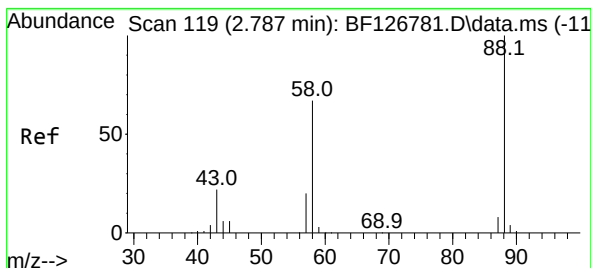
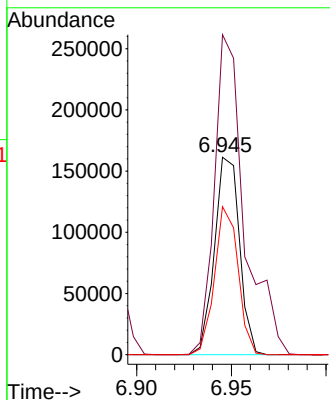
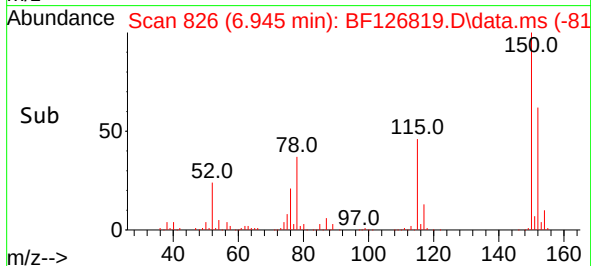
Instrument :
 BNA_F
 ClientSampleId :
 DB-09(25-30)-02-02-22MSD



Tgt Ion:152 Resp: 14856
 Ion Ratio Lower Upper
 152 100
 150 162.0 128.1 192.1
 115 74.9 56.7 85.1

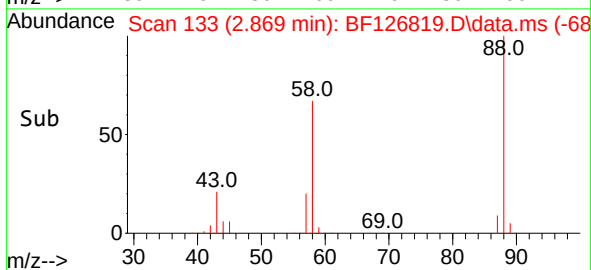
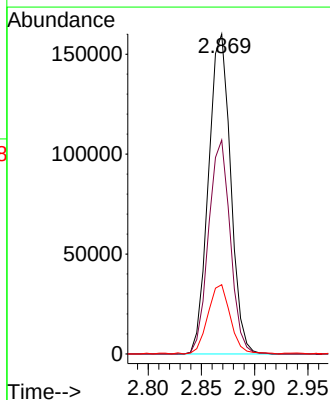
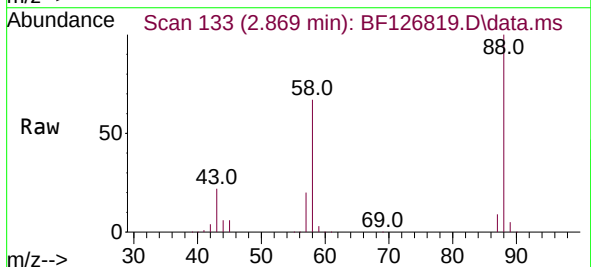
Manual Integrations
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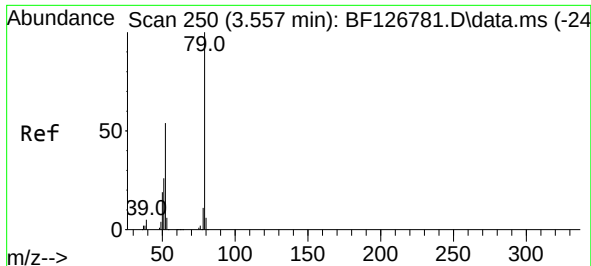
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022



#2
 1,4-Dioxane
 Concen: 42.031 ng
 RT: 2.869 min Scan# 133
 Delta R.T. 0.082 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59

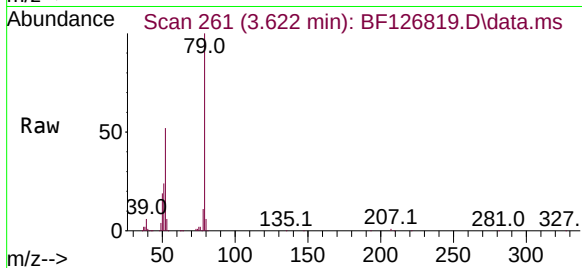
Tgt Ion: 88 Resp: 230696
 Ion Ratio Lower Upper
 88 100
 58 65.6 62.8 94.2
 43 22.2 22.3 33.5#





#3
Pyridine
Concen: 38.714 ng
RT: 3.622 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

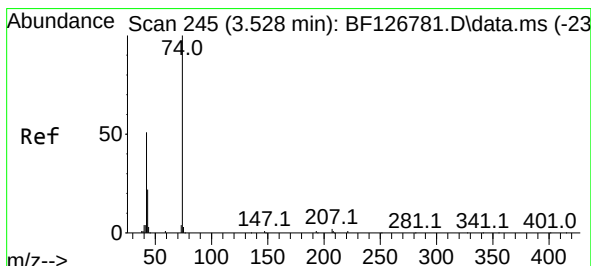
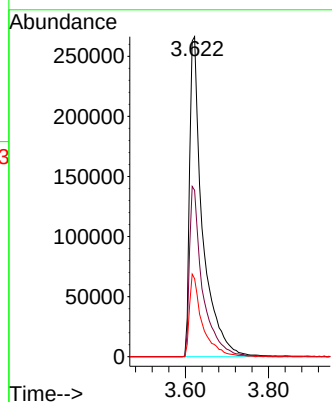
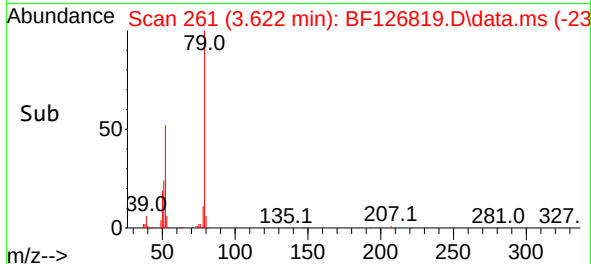
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion: 79 Resp: 576240
Ion Ratio Lower Upper
79 100
52 52.0 56.2 84.4
51 24.3 26.7 40.1

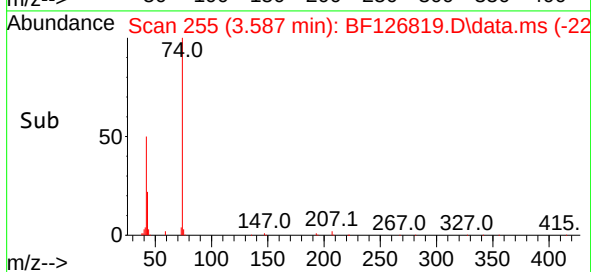
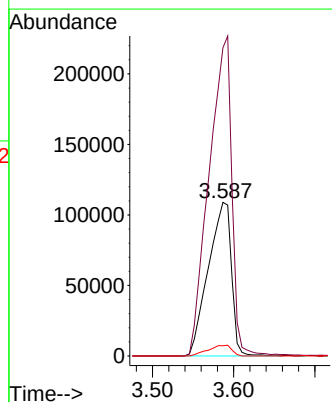
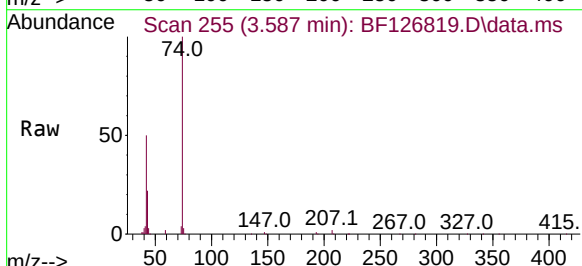
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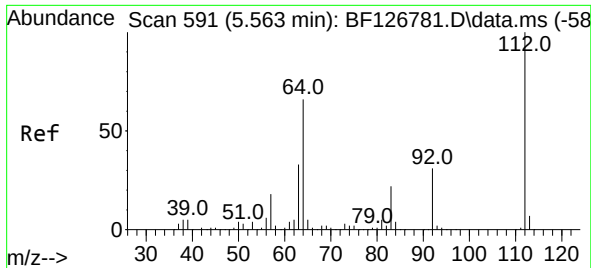
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#4
n-Nitrosodimethylamine
Concen: 47.006 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.059 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion: 42 Resp: 216117
Ion Ratio Lower Upper
42 100
74 200.7 125.6 188.4
44 6.7 5.7 8.5





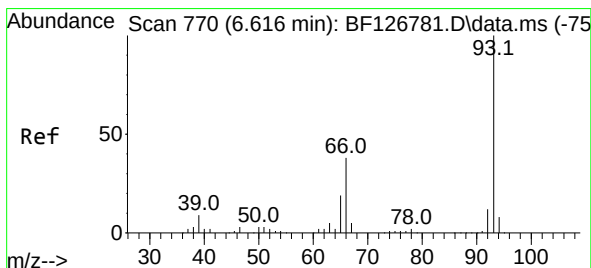
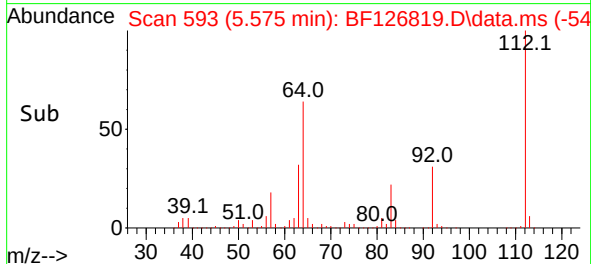
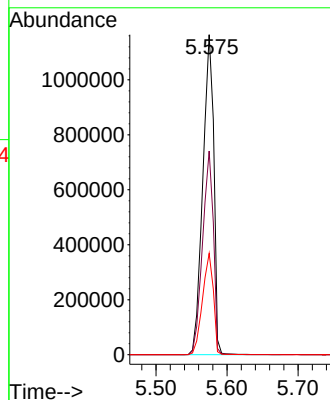
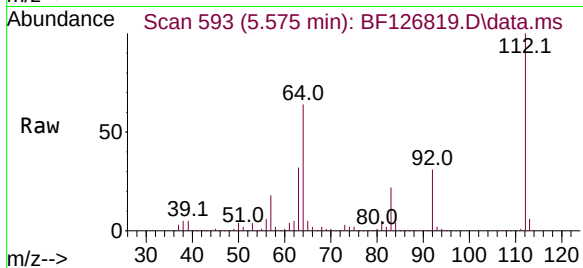
#5
2-Fluorophenol
Concen: 115.530 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
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ClientSampleId :
DB-09(25-30)-02-02-22MSD

Tgt Ion:112 Resp: 1253119
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.6 23.9 35.9

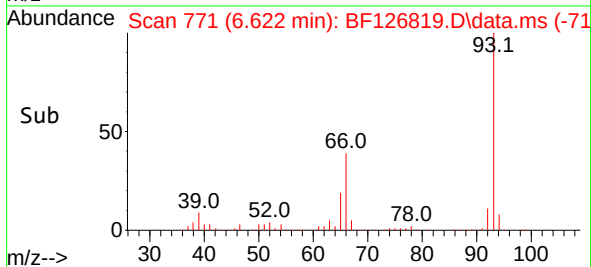
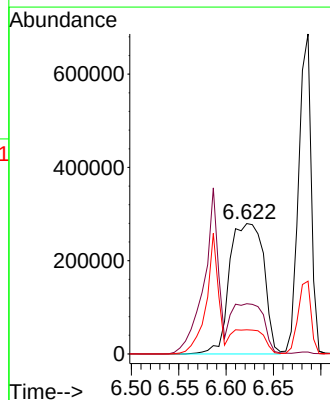
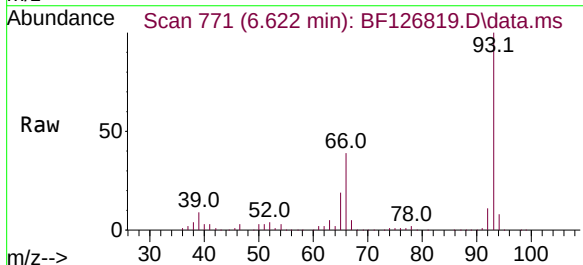
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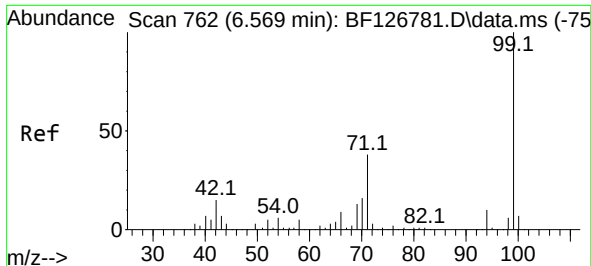
Reviewed By :Christian Giraldo 02/07/2022
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#6
Aniline
Concen: 36.718 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

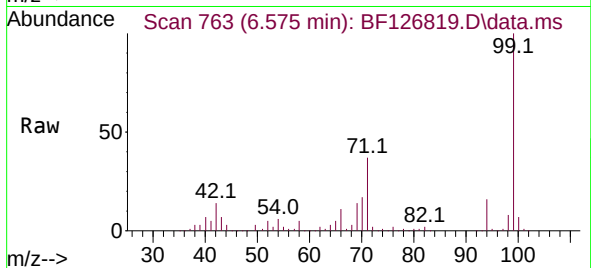
Tgt Ion: 93 Resp: 702987
Ion Ratio Lower Upper
93 100
66 38.6 32.2 48.4
65 18.6 16.3 24.5





#7
Phenol-d6
Concen: 114.229 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

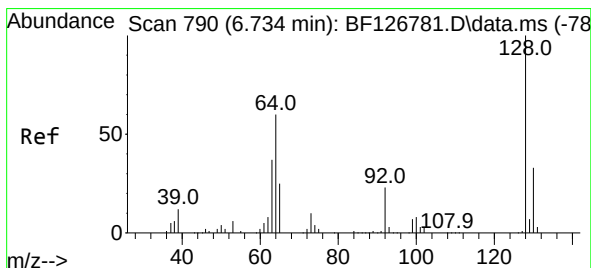
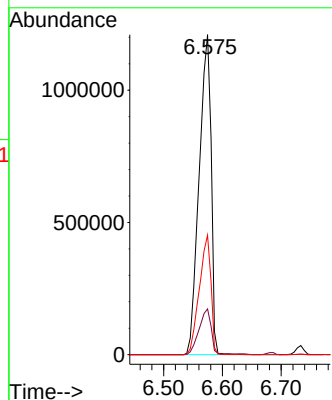
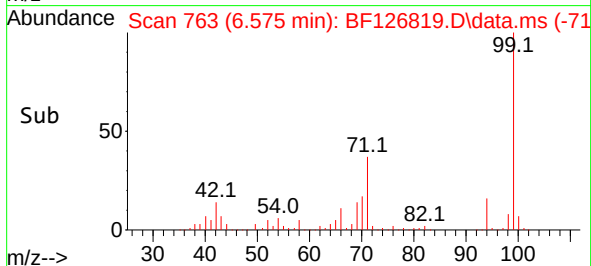
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Tgt Ion: 99 Resp: 171386
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 37.3 24.3 36.5

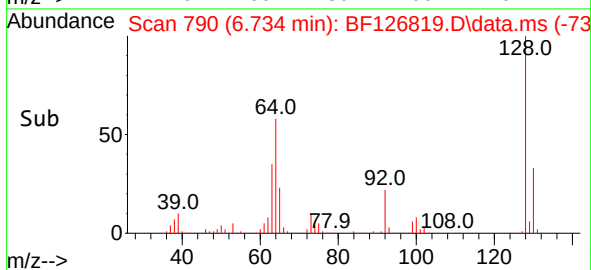
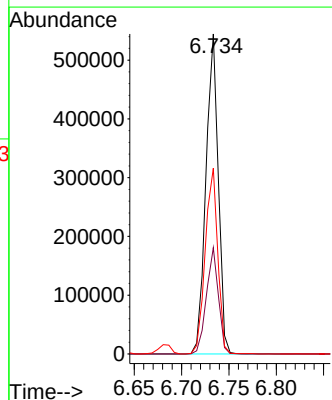
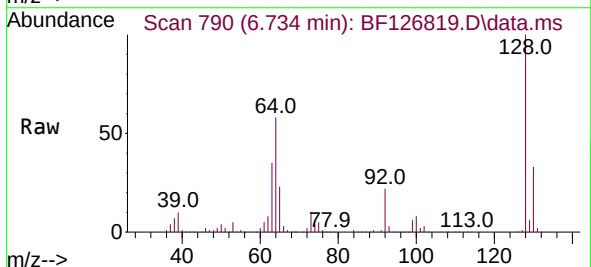
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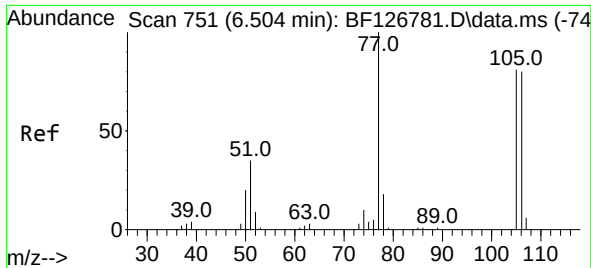
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#8
2-Chlorophenol
Concen: 49.536 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:128 Resp: 491299
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 58.1 35.6 75.6





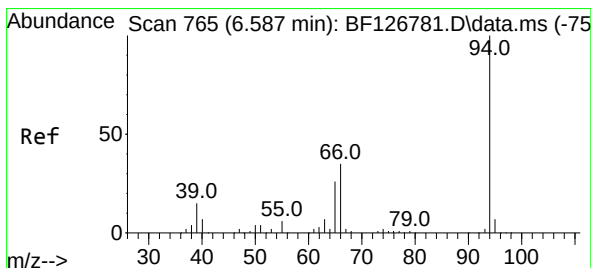
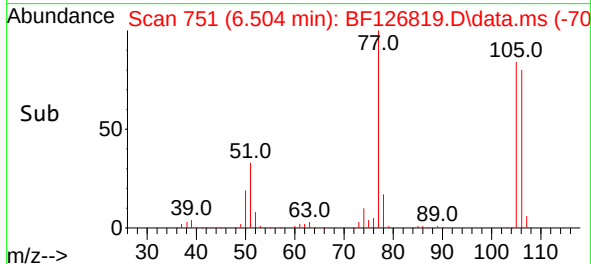
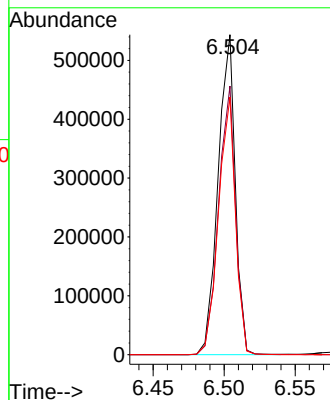
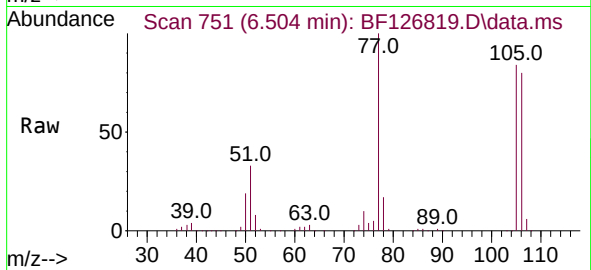
#9
Benzaldehyde
Concen: 48.290 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

Tgt Ion: 77 Resp: 455829
Ion Ratio Lower Upper
77 100
105 84.0 74.9 114.9
106 80.5 72.4 112.4

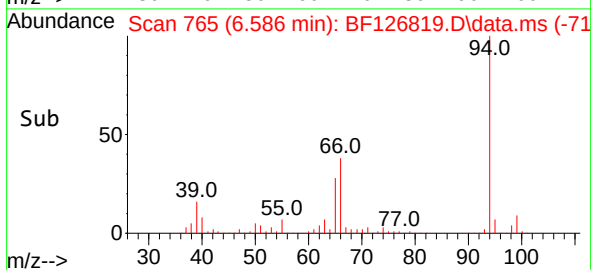
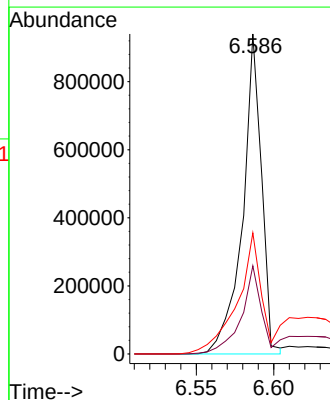
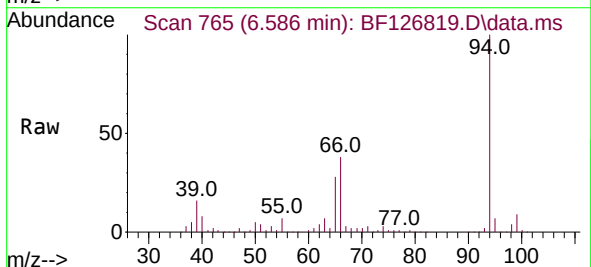
Manual Integrations
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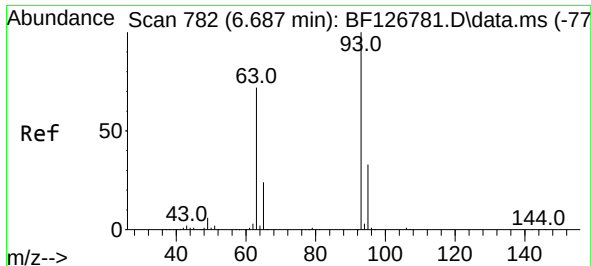
Reviewed By :Christian Giraldo 02/07/2022
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#10
Phenol
Concen: 49.437 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion: 94 Resp: 793929
Ion Ratio Lower Upper
94 100
65 27.5 7.2 47.2
66 37.9 14.5 54.5





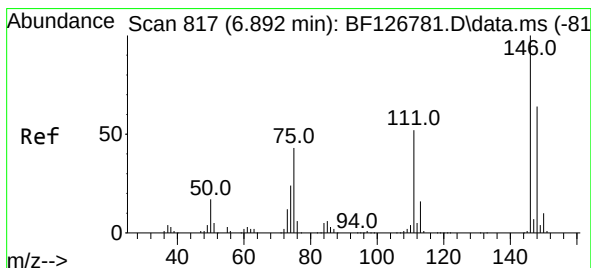
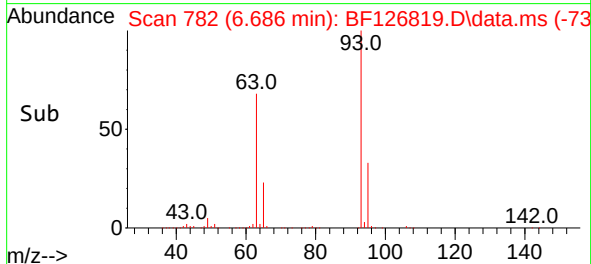
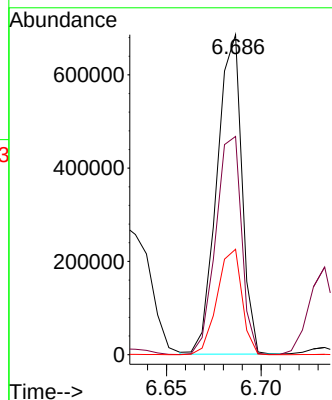
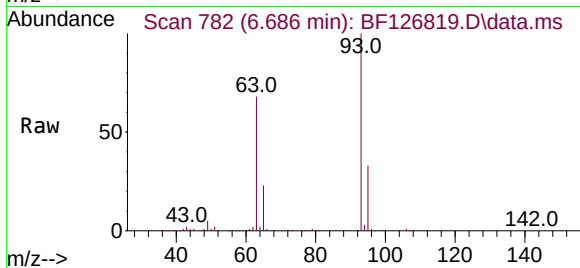
#11
bis(2-Chloroethyl)ether
Concen: 48.482 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

Tgt Ion: 93 Resp: 627258
Ion Ratio Lower Upper
93 100
63 68.2 60.5 100.5
95 32.9 12.9 52.9

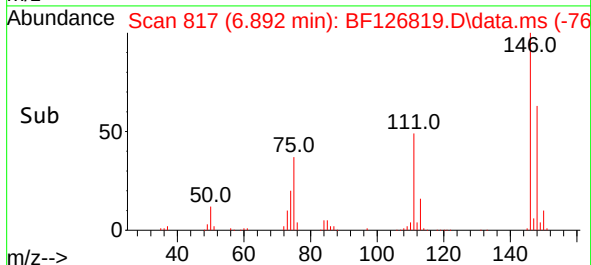
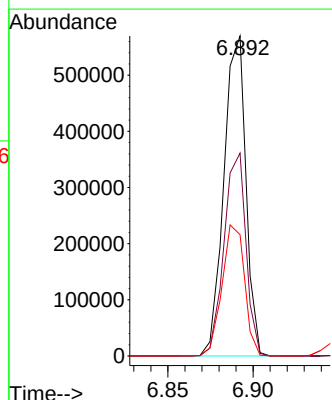
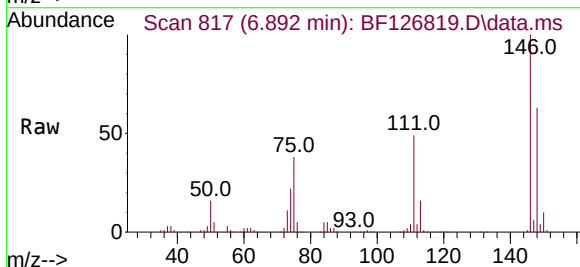
Manual Integrations
APPROVED

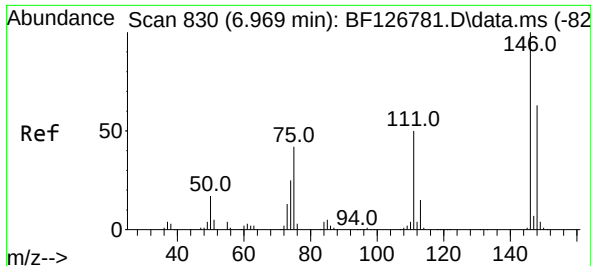
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#12
1,3-Dichlorobenzene
Concen: 45.978 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

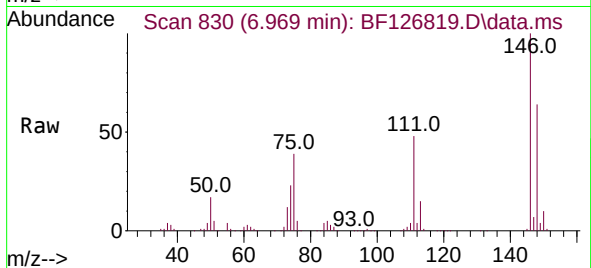
Tgt Ion:146 Resp: 513473
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 37.9 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 46.021 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

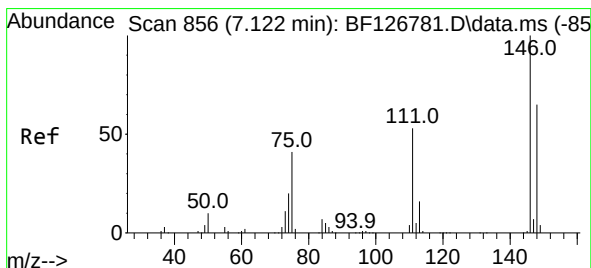
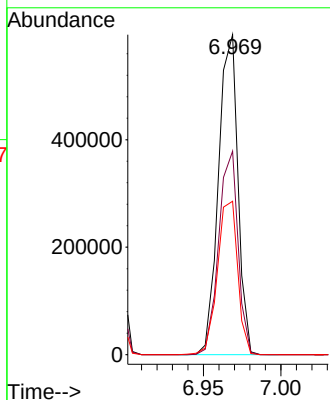
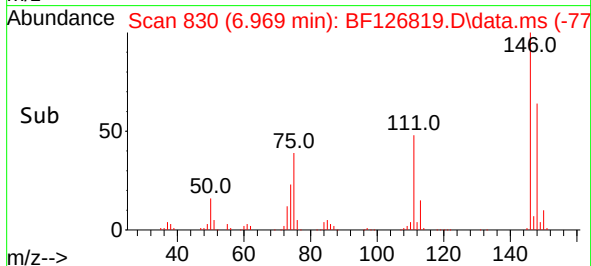
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



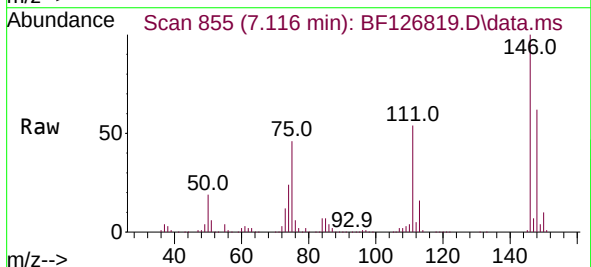
Tgt Ion:146 Resp: 519459
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 47.9 36.1 54.1

Manual Integrations
APPROVED

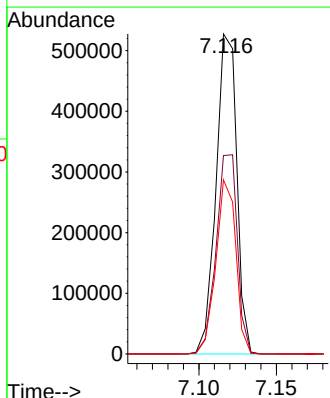
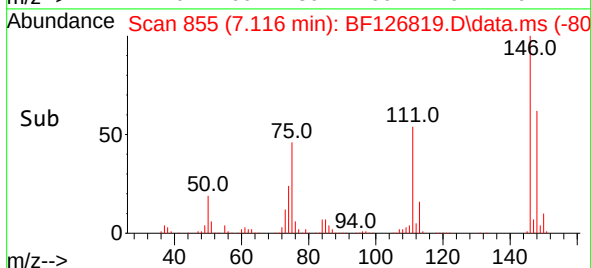
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

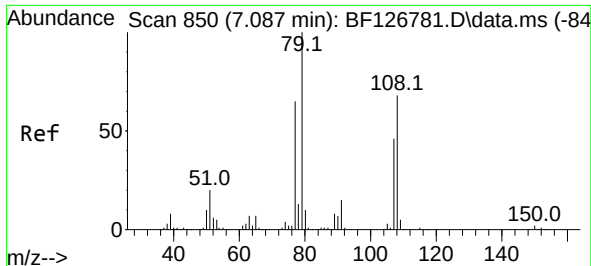


#14
1,2-Dichlorobenzene
Concen: 44.860 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



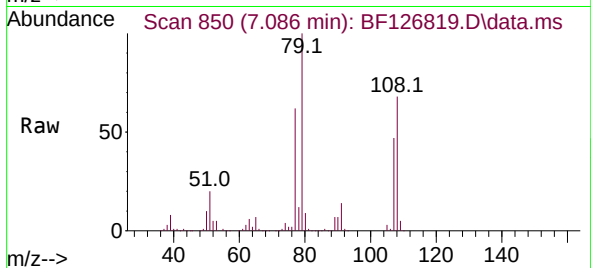
Tgt Ion:146 Resp: 492068
Ion Ratio Lower Upper
146 100
148 62.0 51.6 77.4
111 54.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 47.354 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

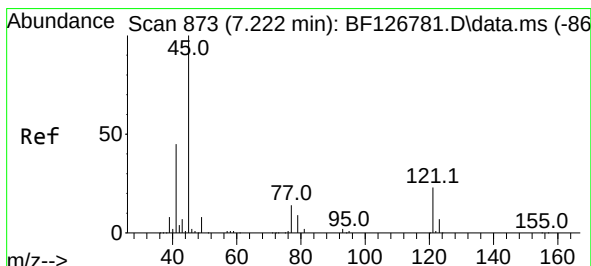
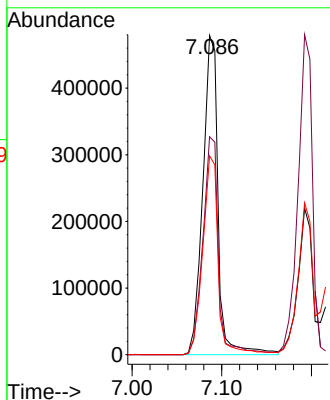
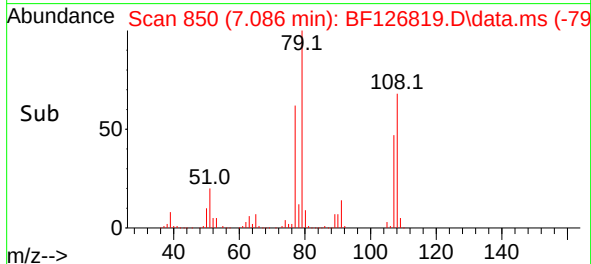
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion: 79 Resp: 567668
Ion Ratio Lower Upper
79 100
108 68.3 63.2 94.8
77 62.3 49.4 74.2

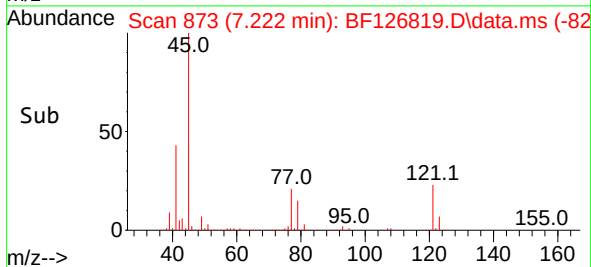
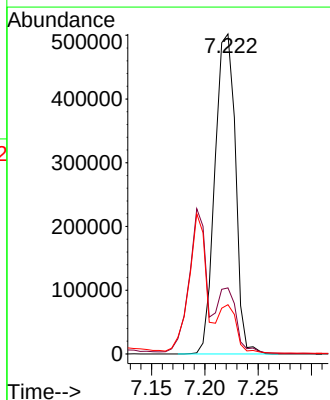
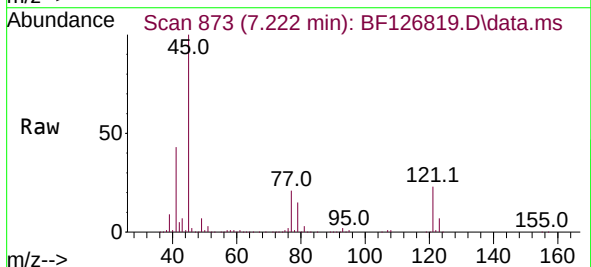
Manual Integrations
APPROVED

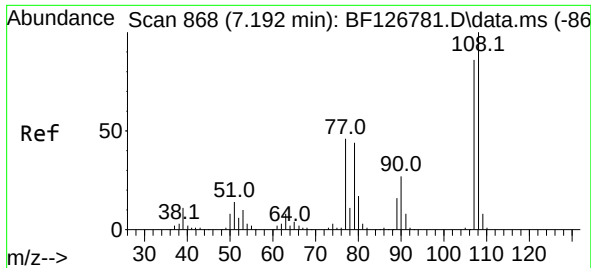
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.117 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

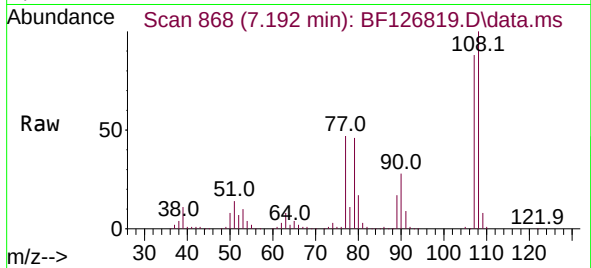
Tgt Ion: 45 Resp: 670669
Ion Ratio Lower Upper
45 100
77 20.6 0.0 32.4
79 15.4 0.0 29.8





#17
2-Methylphenol
Concen: 46.790 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

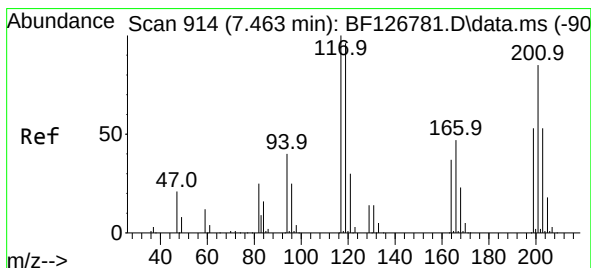
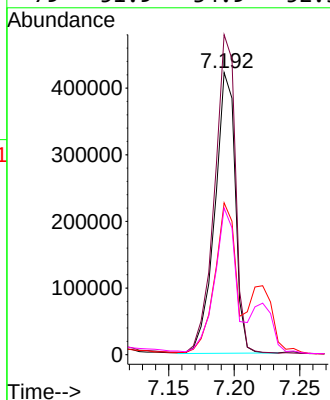
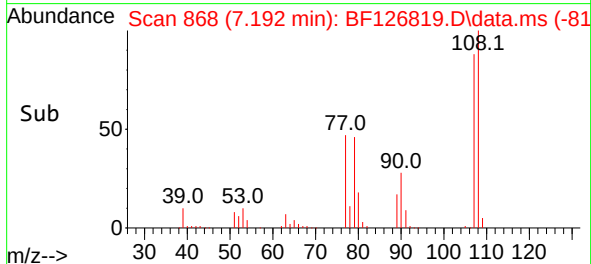
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:107 Resp: 456352
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 53.8 36.1 54.1
79 51.9 34.9 52.3

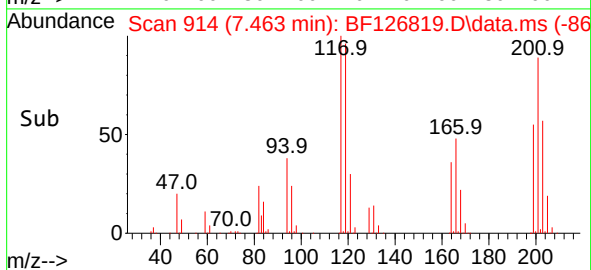
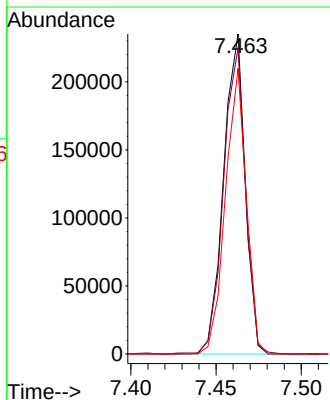
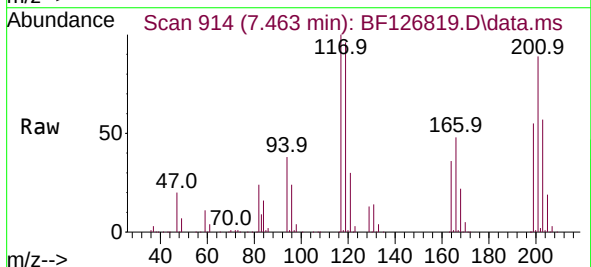
Manual Integrations
APPROVED

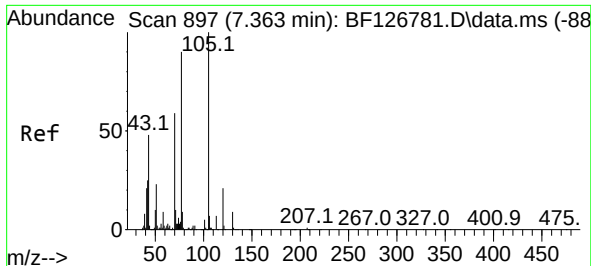
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#18
Hexachloroethane
Concen: 46.938 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

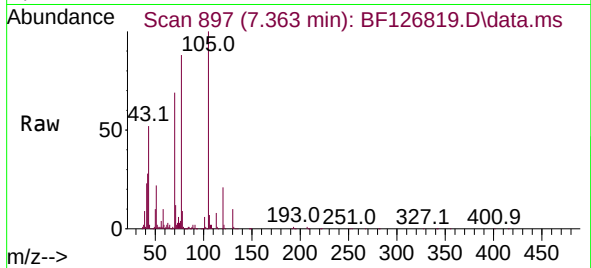
Tgt Ion:117 Resp: 207544
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 89.3 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 45.094 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

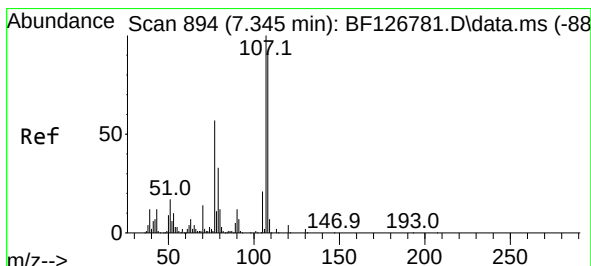
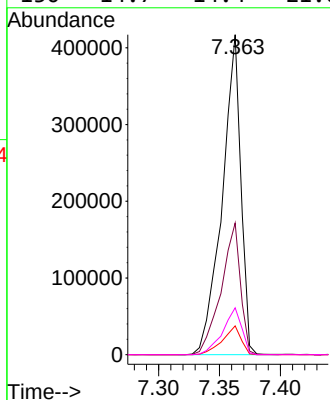
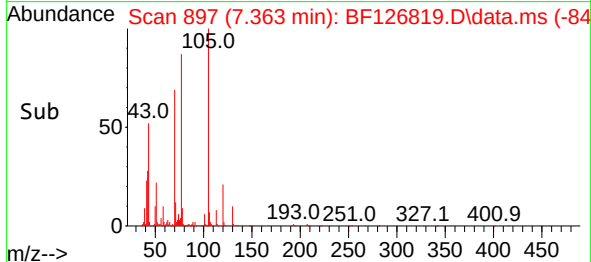


Tgt Ion: 70 Resp: 44551

Ion	Ratio	Lower	Upper
70	100		
42	41.1	45.8	68.8
101	9.0	6.9	10.3
130	14.7	14.4	21.6

Manual Integrations
APPROVED

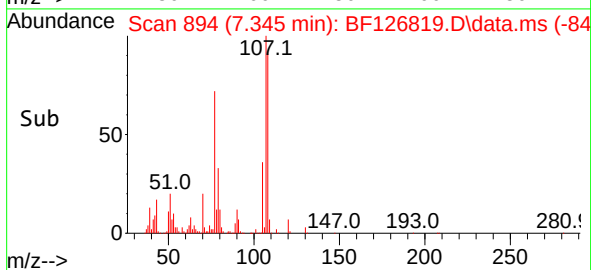
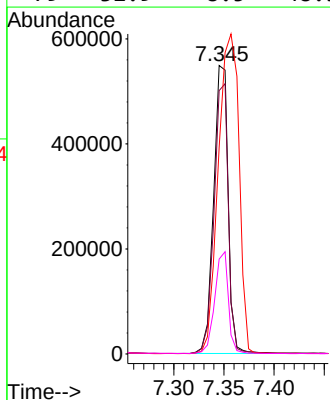
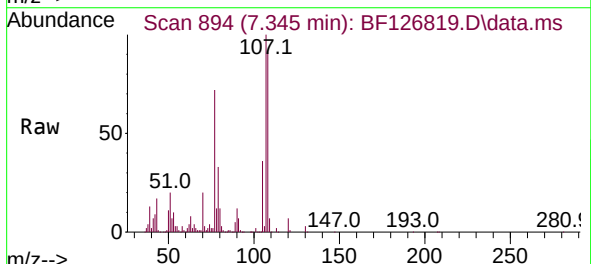
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

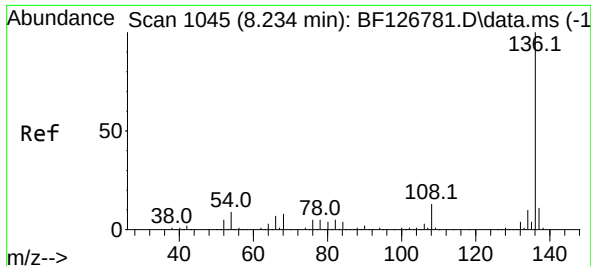


#20
3+4-Methylphenols
Concen: 44.794 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:107 Resp: 550244

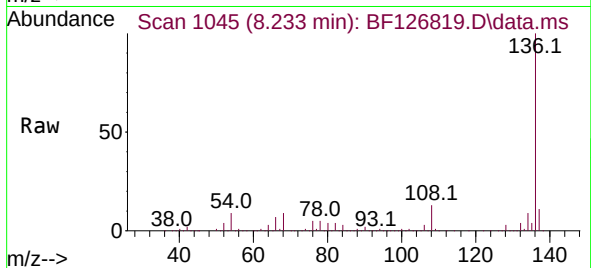
Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.4	112.4
77	71.7	83.8	123.8
79	32.9	8.5	48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

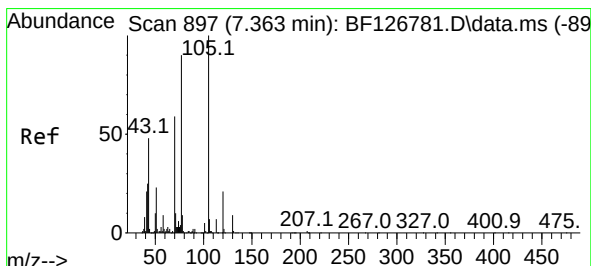
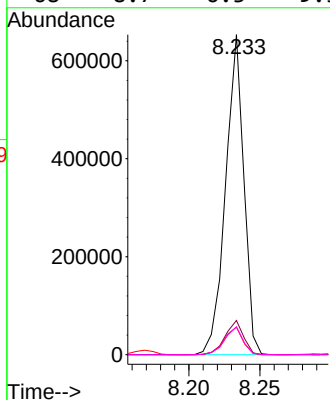
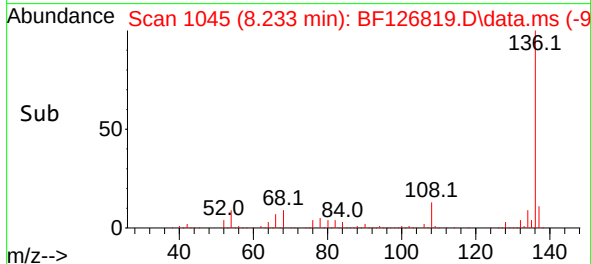
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:136 Resp: 58281
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.8 11.6
68 8.7 6.3 9.5

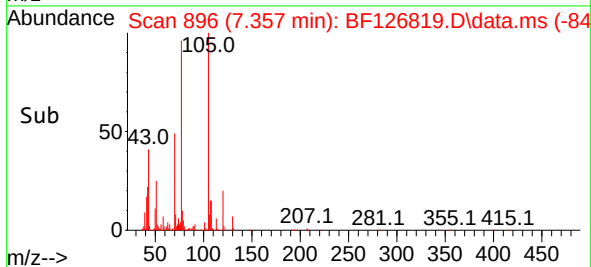
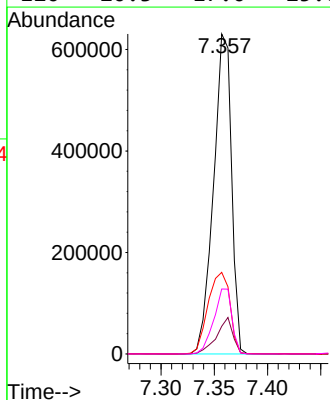
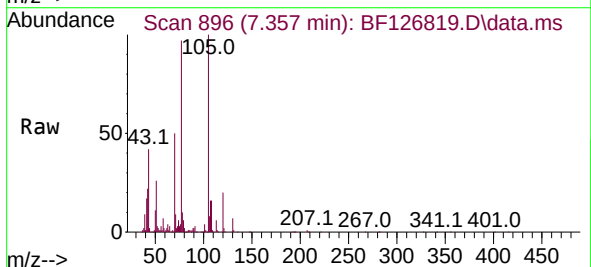
Manual Integrations
APPROVED

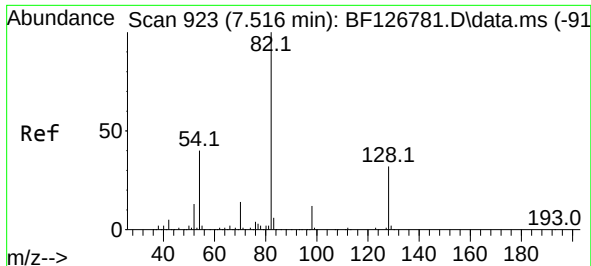
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#22
Acetophenone
Concen: 43.972 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

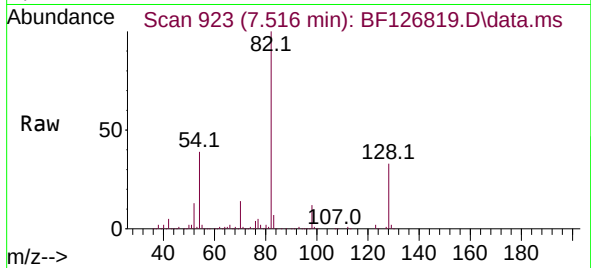
Tgt Ion:105 Resp: 741574
Ion Ratio Lower Upper
105 100
71 8.7 5.4 8.0#
51 25.5 27.4 41.0#
120 20.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 77.723 ng
RT: 7.516 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

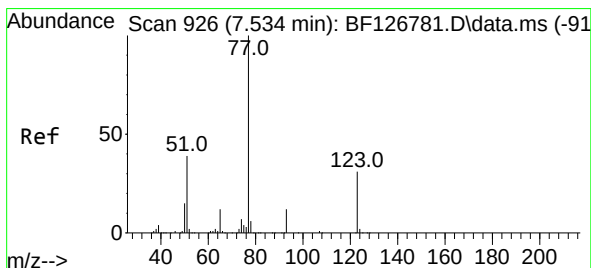
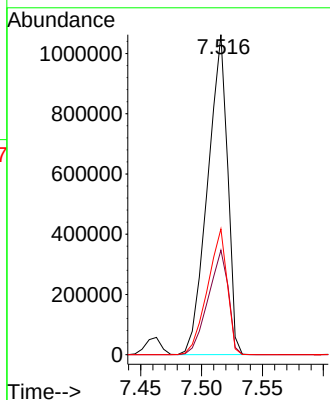
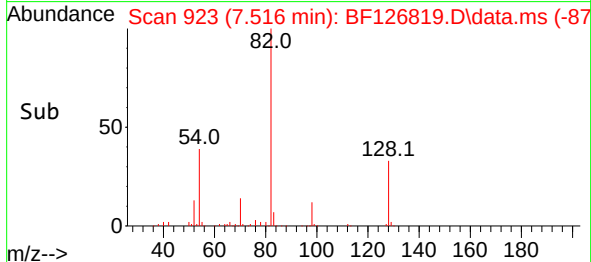
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion: 82 Resp: 1210370
Ion Ratio Lower Upper
82 100
128 32.7 32.7 49.1
54 39.3 41.7 62.5

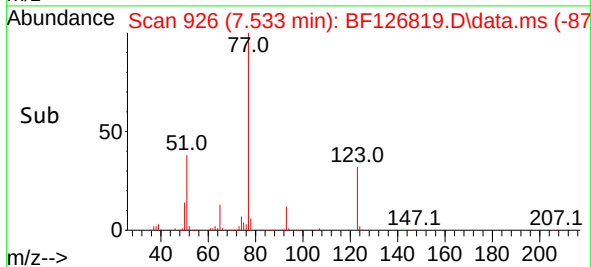
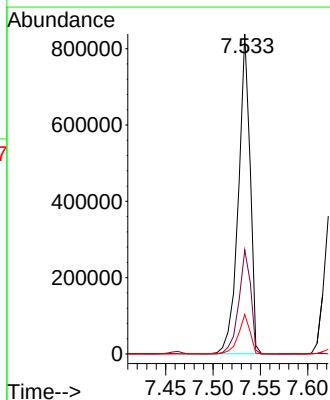
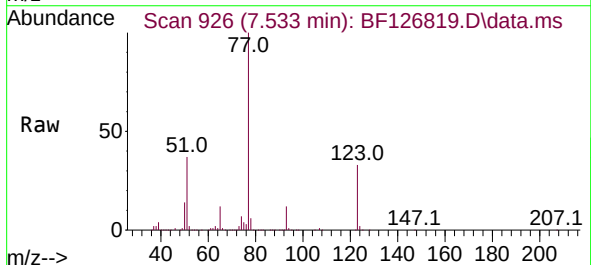
Manual Integrations
APPROVED

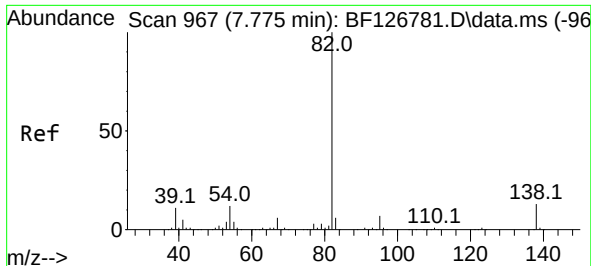
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#24
Nitrobenzene
Concen: 46.452 ng
RT: 7.533 min Scan# 926
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

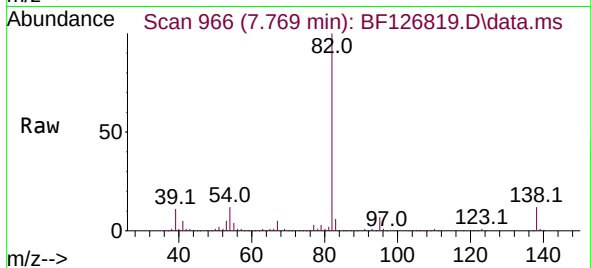
Tgt Ion: 77 Resp: 718085
Ion Ratio Lower Upper
77 100
123 32.6 34.6 52.0
65 12.4 10.6 15.8





#25
Isophorone
Concen: 47.955 ng
RT: 7.769 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

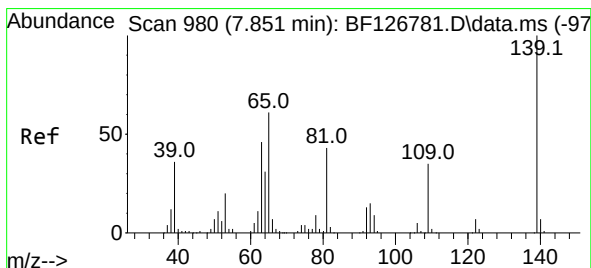
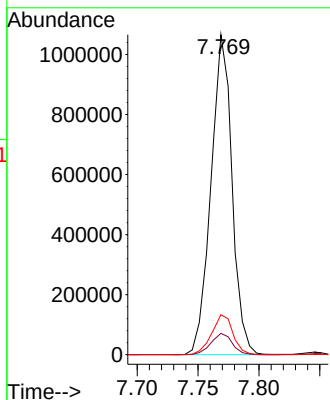
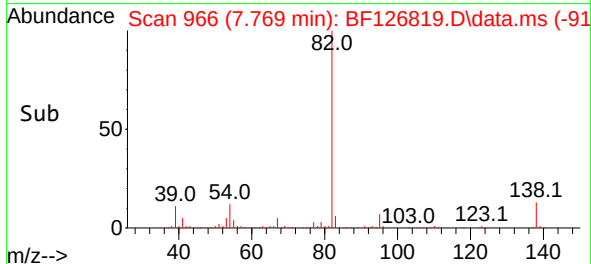
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion: 82 Resp: 128166
Ion Ratio Lower Upper
82 100
95 6.6 5.0 7.4
138 12.5 12.3 18.5

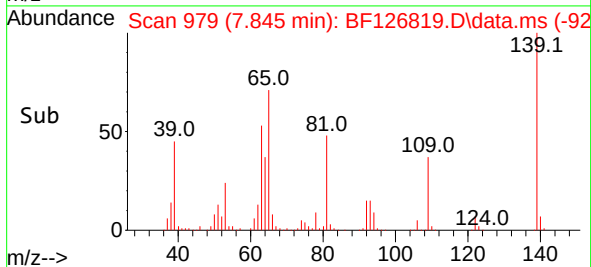
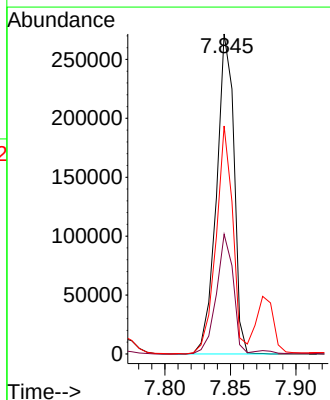
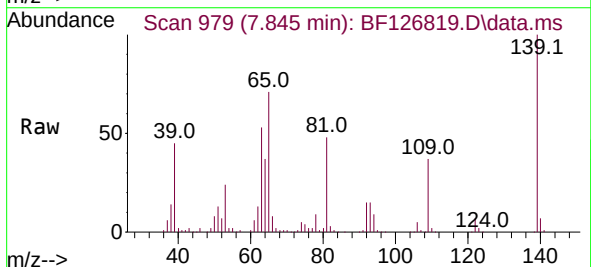
Manual Integrations
APPROVED

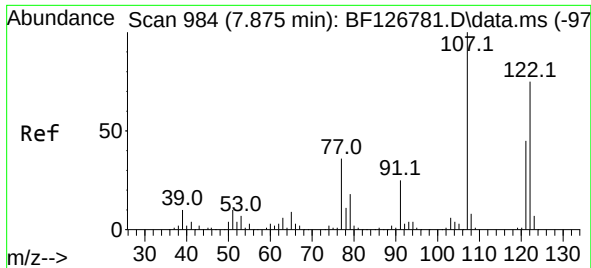
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#26
2-Nitrophenol
Concen: 48.802 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:139 Resp: 251432
Ion Ratio Lower Upper
139 100
109 37.4 20.0 30.0#
65 71.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 48.551 ng

RT: 7.880 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MSD

Tgt Ion:122 Resp: 43688

Ion Ratio Lower Upper

122 100

107 127.3 91.2 136.8

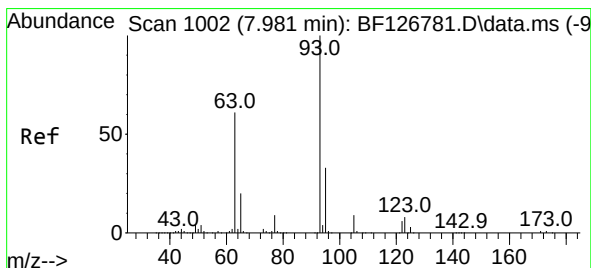
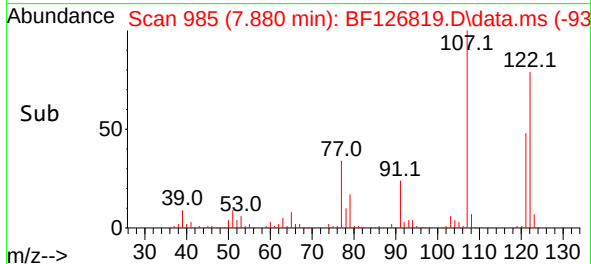
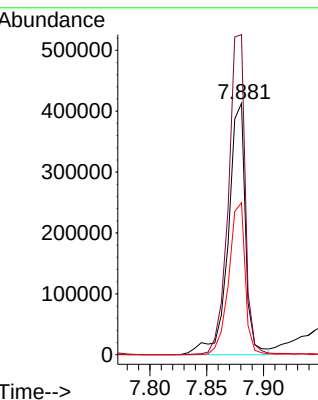
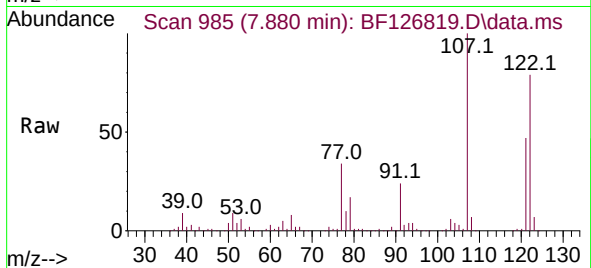
121 60.5 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.316 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

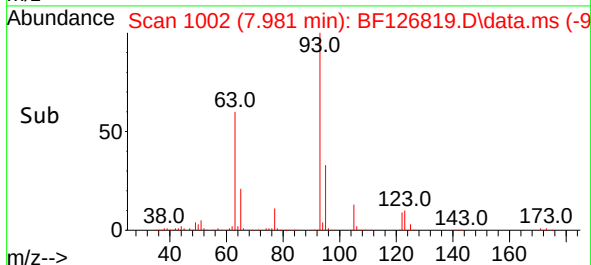
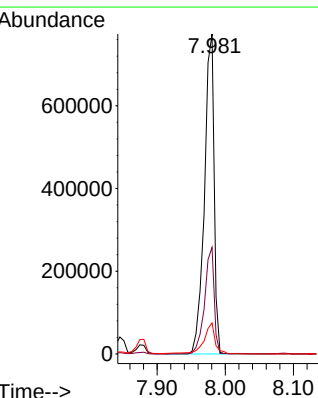
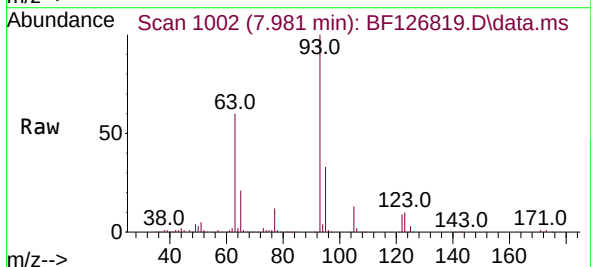
Tgt Ion: 93 Resp: 768126

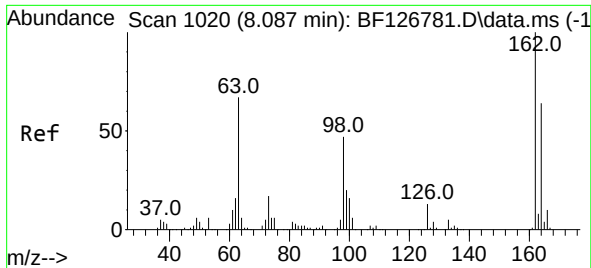
Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.2

123 9.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 45.390 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF126819.D

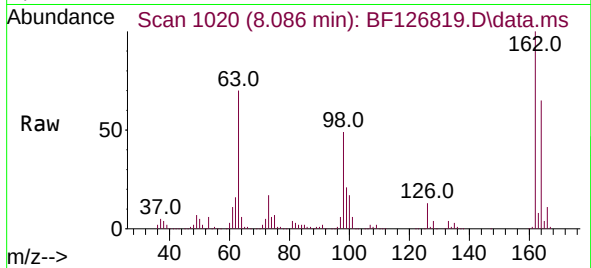
Acq: 04 Feb 2022 18:59

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MSD



Tgt Ion:162 Resp: 402070

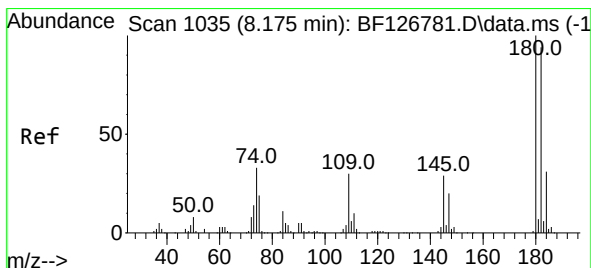
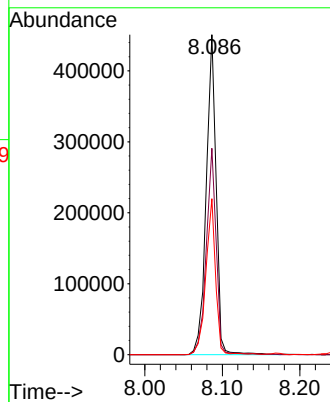
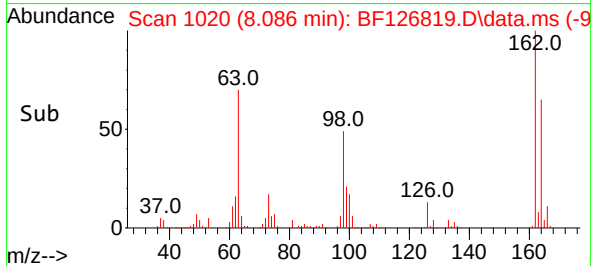
Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.8	83.8
98	48.7	23.6	63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.667 ng

RT: 8.169 min Scan# 1034

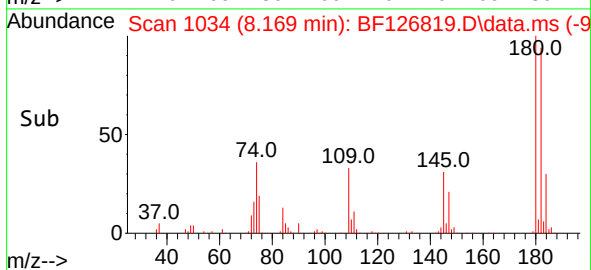
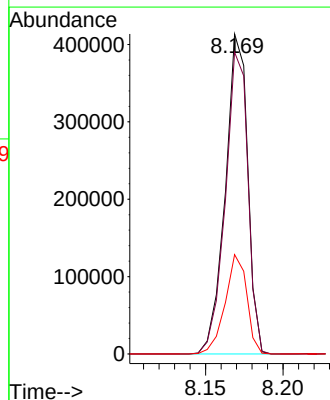
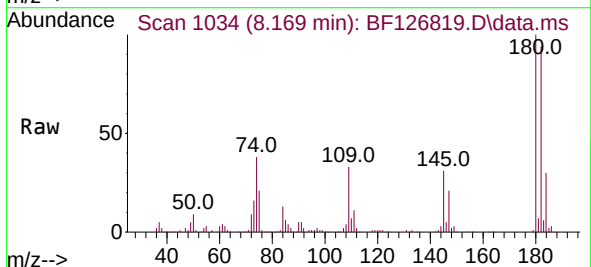
Delta R.T. -0.006 min

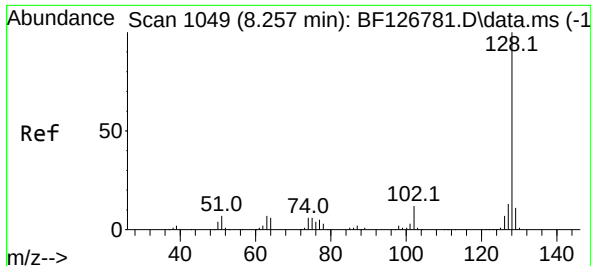
Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Tgt Ion:180 Resp: 415986

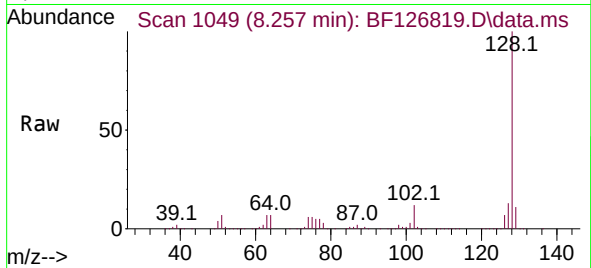
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.5	113.3
145	31.0	26.2	39.2





#31
Naphthalene
Concen: 44.548 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

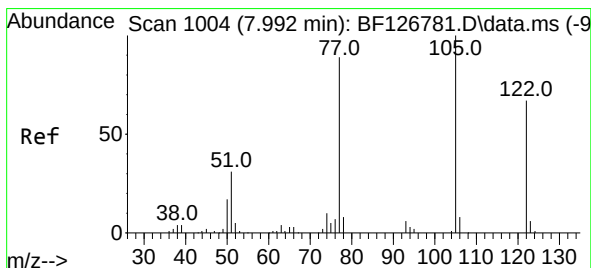
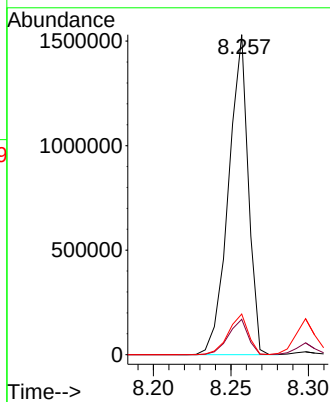
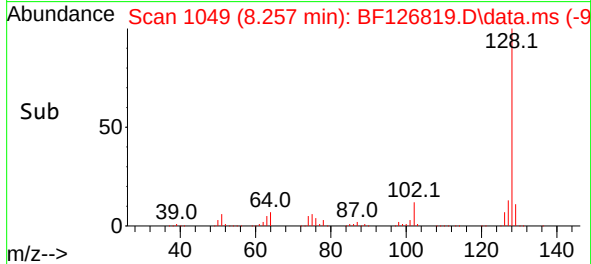
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:128 Resp: 1357040
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.7 10.3 15.5

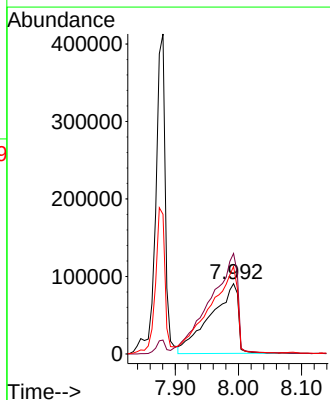
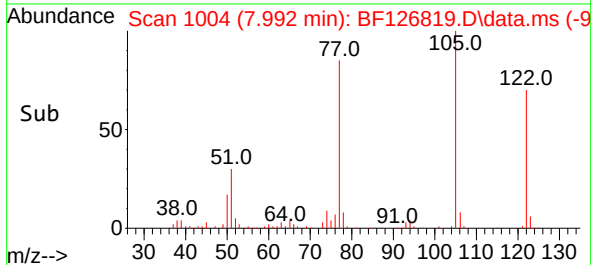
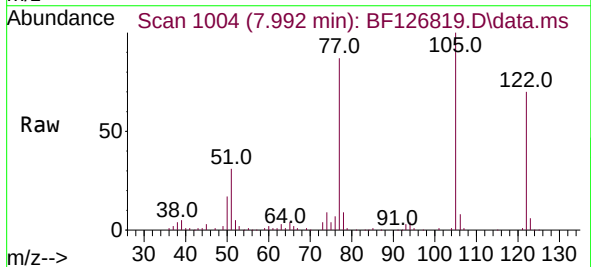
Manual Integrations
APPROVED

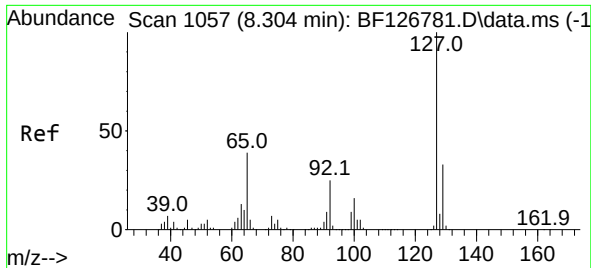
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#32
Benzoic acid
Concen: 39.490 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:122 Resp: 274229
Ion Ratio Lower Upper
122 100
105 142.9 101.0 141.0#
77 124.4 74.5 114.5#





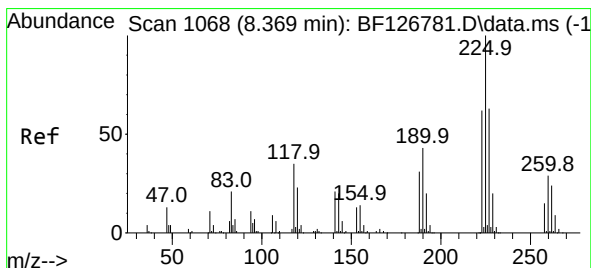
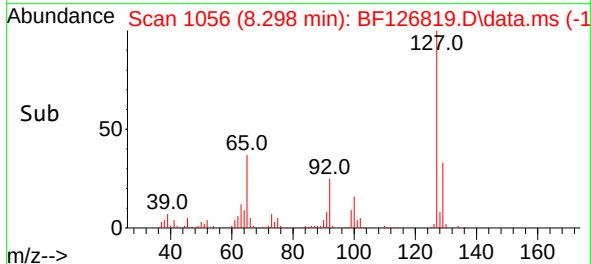
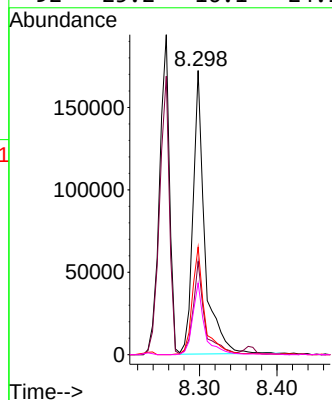
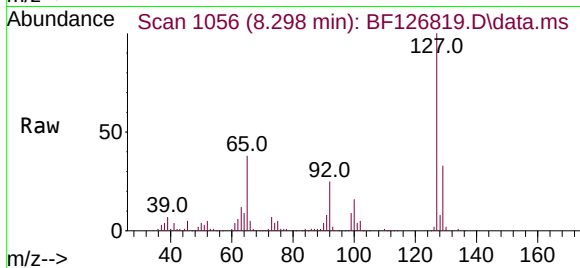
#33
4-Chloroaniline
Concen: 14.705 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

Tgt Ion:	127	Resp:	180990
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.5	39.7
65	37.8	26.6	39.8
92	25.2	16.1	24.1

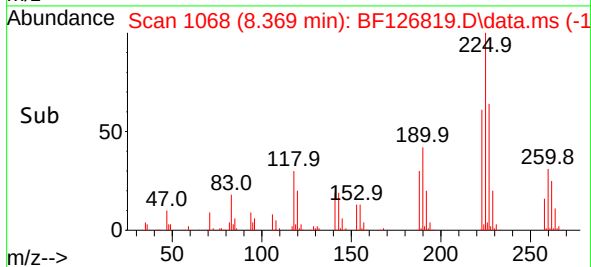
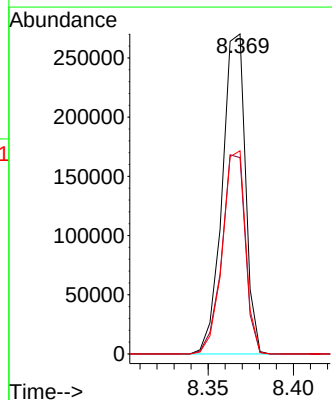
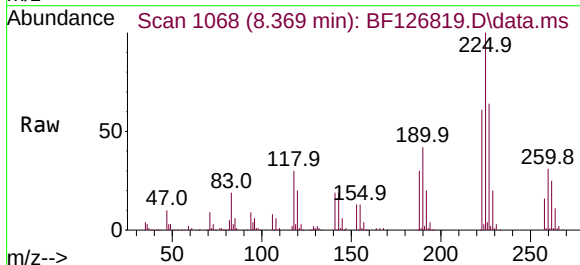
Manual Integrations
APPROVED

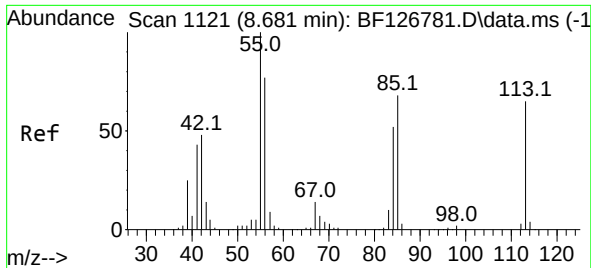
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#34
Hexachlorobutadiene
Concen: 42.890 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

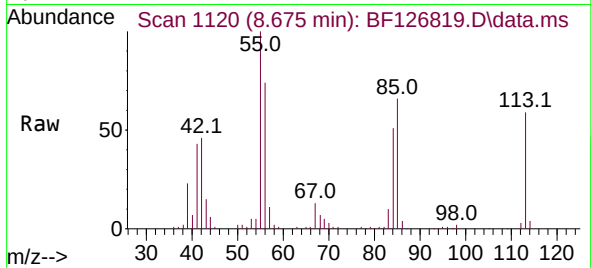
Tgt Ion:	225	Resp:	256100
Ion Ratio	Lower	Upper	
225	100		
223	61.4	48.6	73.0
227	63.5	51.4	77.0





#35
Caprolactam
Concen: 45.368 ng m
RT: 8.675 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

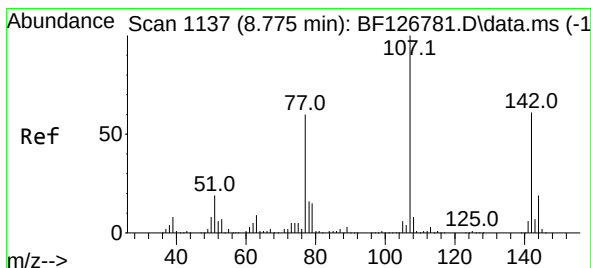
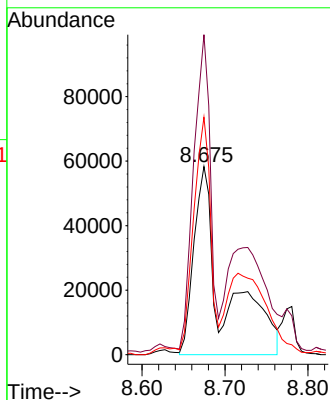
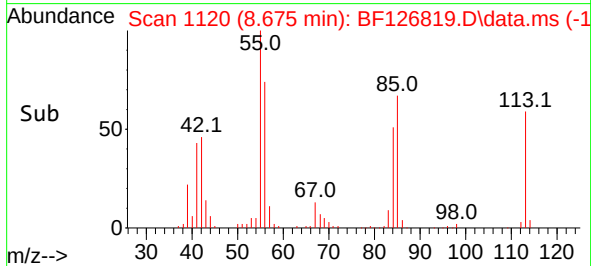
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:113 Resp: 146232
Ion Ratio Lower Upper
113 100
55 170.1 183.9 223.9
56 126.2 129.9 169.9

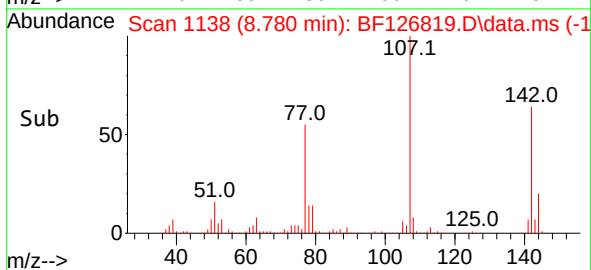
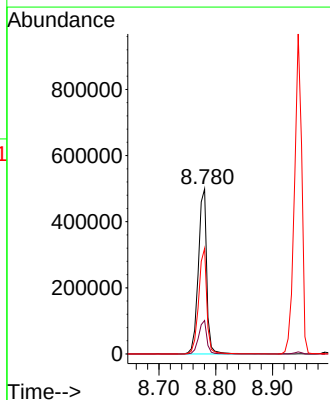
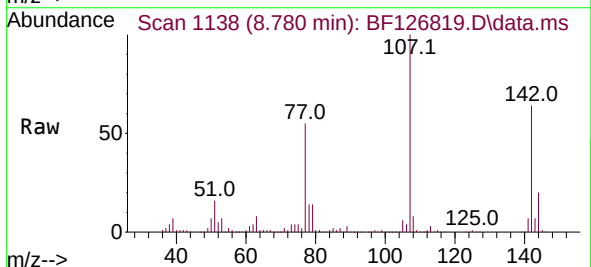
Manual Integrations
APPROVED

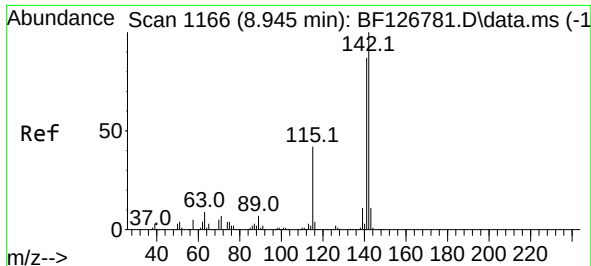
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#36
4-Chloro-3-methylphenol
Concen: 45.623 ng
RT: 8.780 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:107 Resp: 515140
Ion Ratio Lower Upper
107 100
144 20.3 18.5 27.7
142 63.9 58.1 87.1





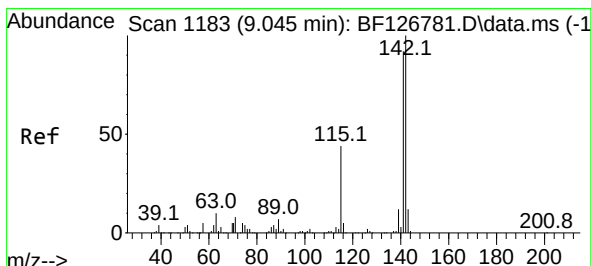
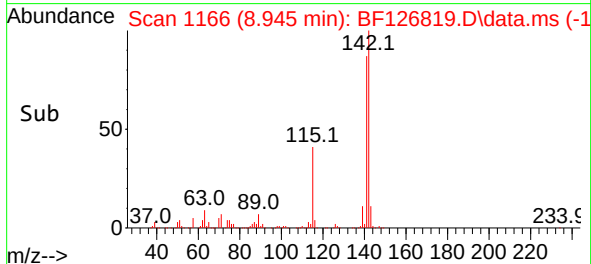
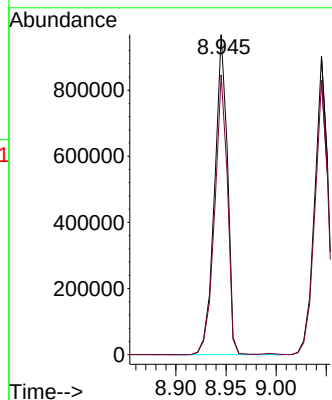
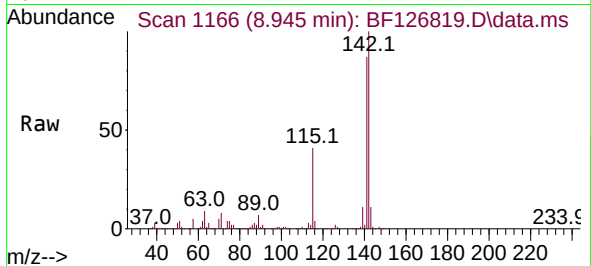
#37
2-Methylnaphthalene
Concen: 45.770 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD

Tgt Ion:142 Resp: 85914
Ion Ratio Lower Upper
142 100
141 87.4 68.6 102.8

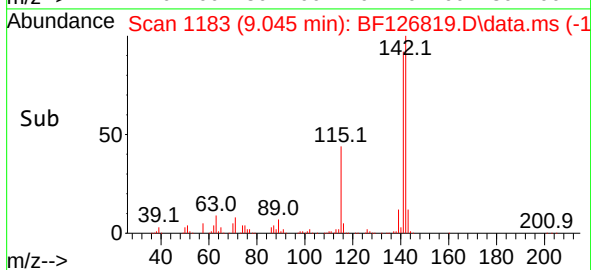
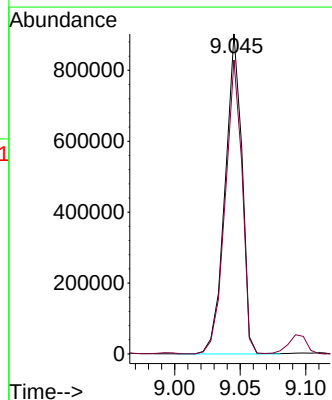
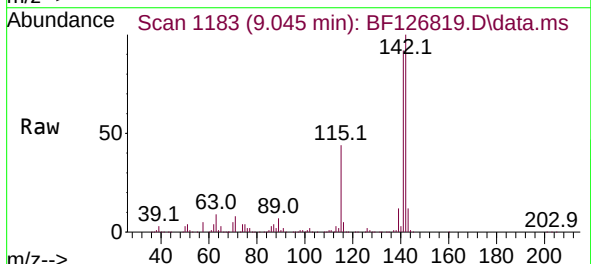
Manual Integrations
APPROVED

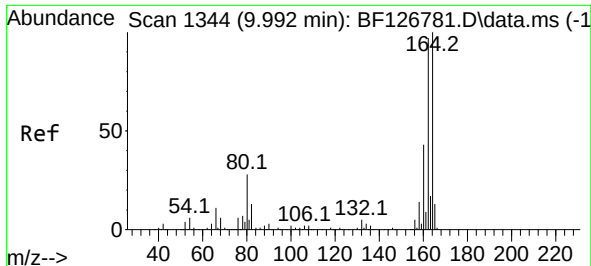
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#38
1-Methylnaphthalene
Concen: 44.671 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

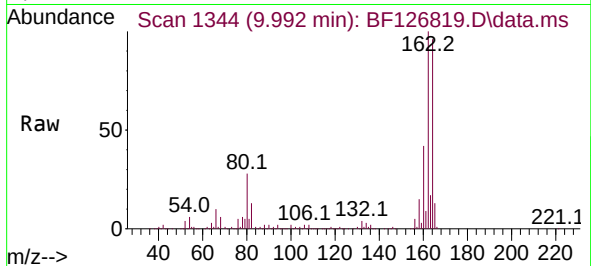
Tgt Ion:142 Resp: 807150
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11108
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

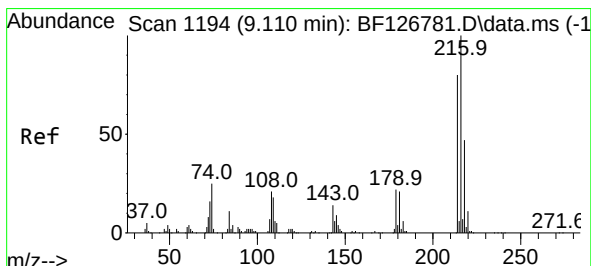
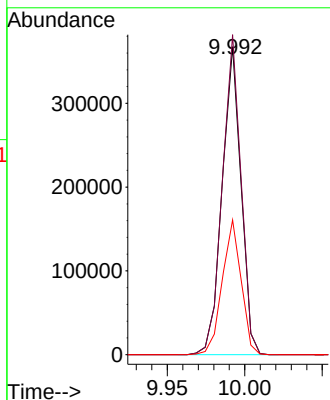
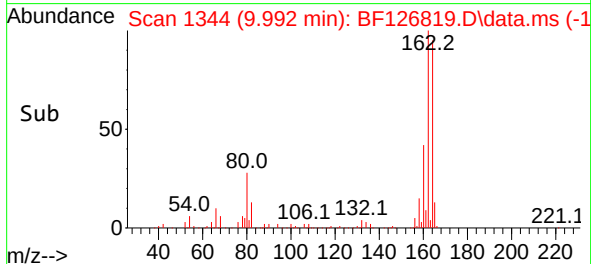
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



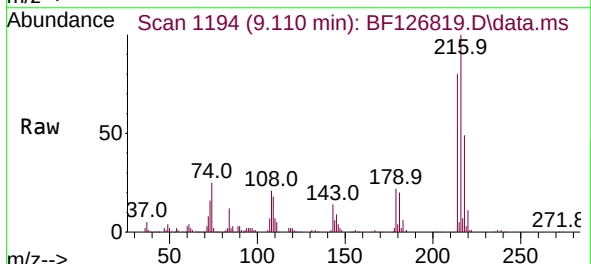
Tgt Ion:164 Resp: 31108
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 43.8 36.6 54.8

Manual Integrations
APPROVED

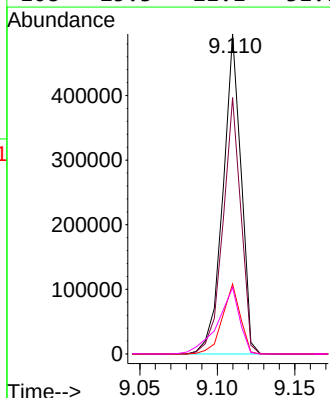
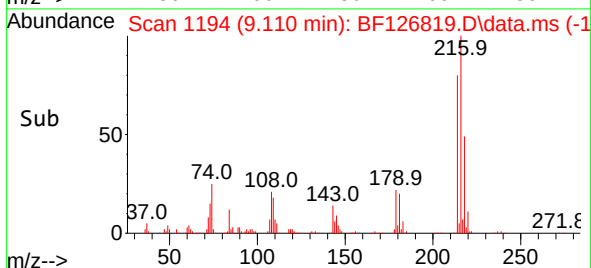
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

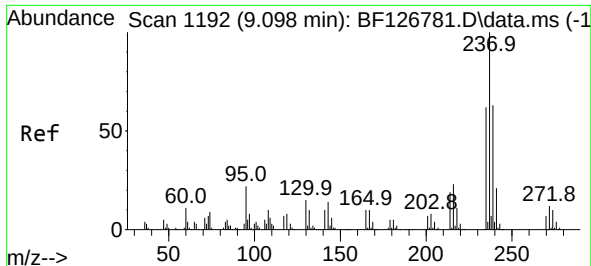


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.851 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



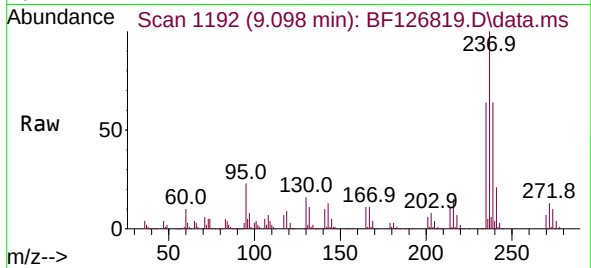
Tgt Ion:216 Resp: 401726
Ion Ratio Lower Upper
216 100
214 79.1 64.6 96.8
179 21.6 19.5 29.3
108 25.3 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 89.028 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

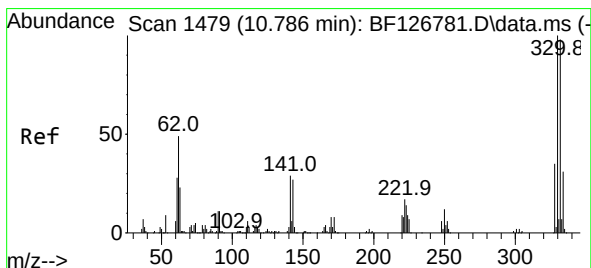
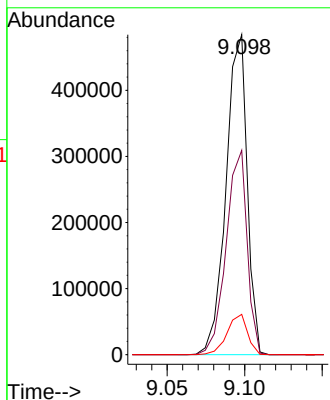
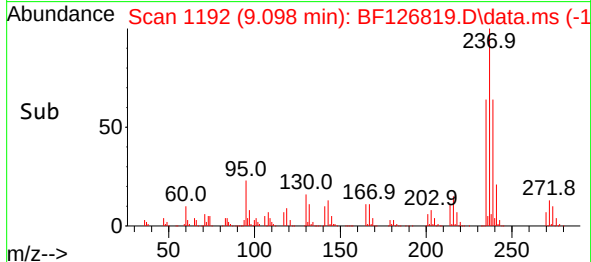
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



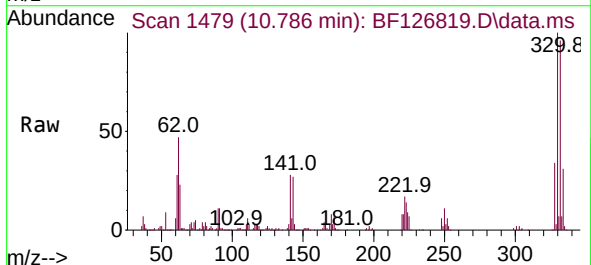
Tgt Ion:237 Resp: 459635
Ion Ratio Lower Upper
237 100
235 63.8 38.9 78.9
272 12.6 0.0 33.5

Manual Integrations
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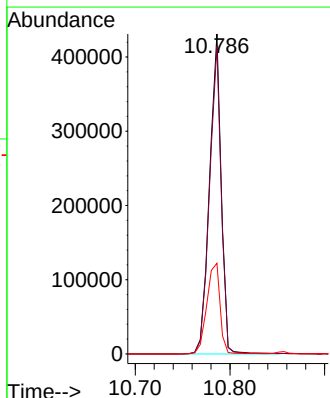
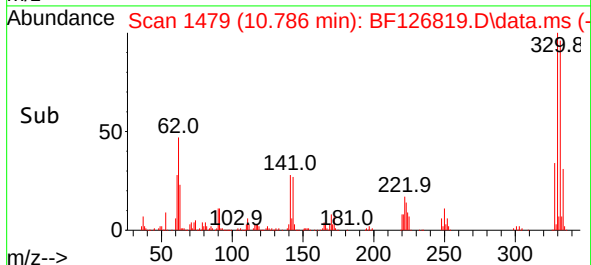
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

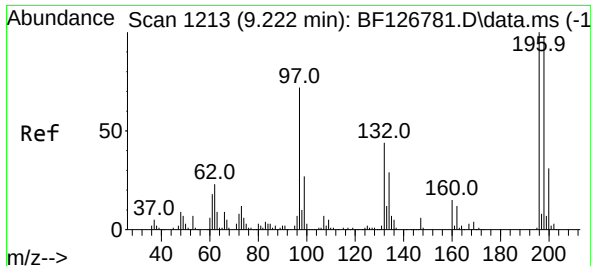


#42
2,4,6-Tribromophenol
Concen: 114.283 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



Tgt Ion:330 Resp: 368971
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 32.2 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 45.193 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126819.D

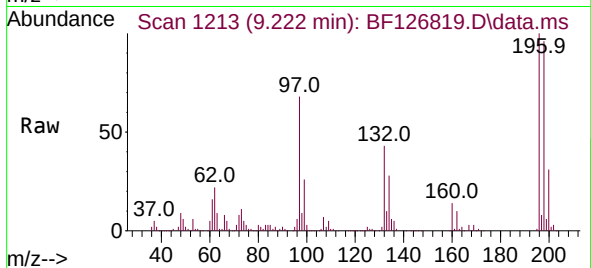
Acq: 04 Feb 2022 18:59

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MSD



Tgt Ion:196 Resp: 285169

Ion Ratio Lower Upper

196 100

198 95.6 78.5 117.7

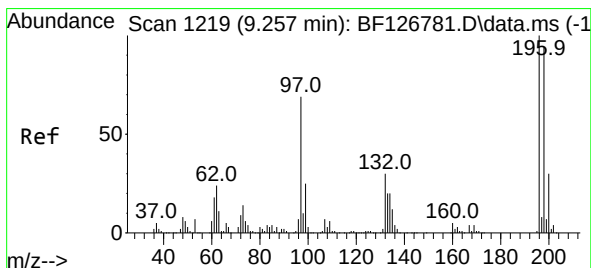
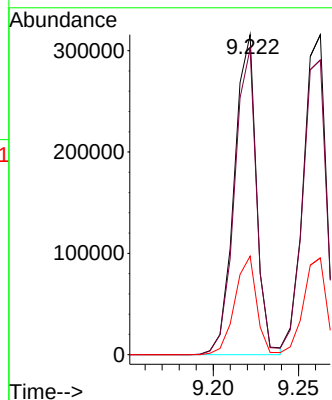
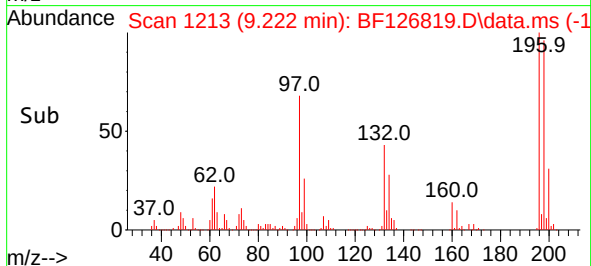
200 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#44

2,4,5-Trichlorophenol

Concen: 45.597 ng m

RT: 9.263 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Tgt Ion:196 Resp: 300379

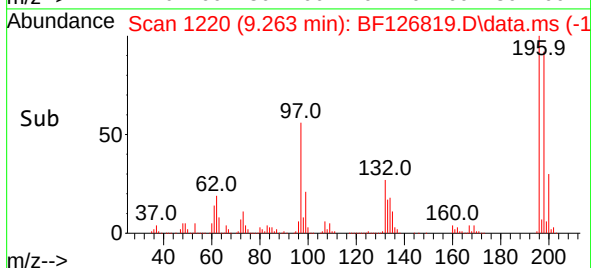
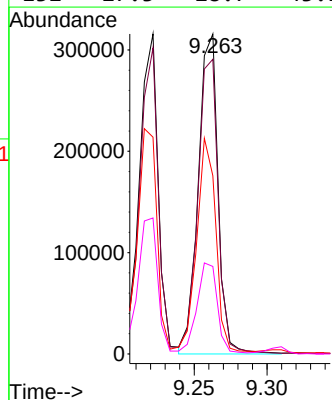
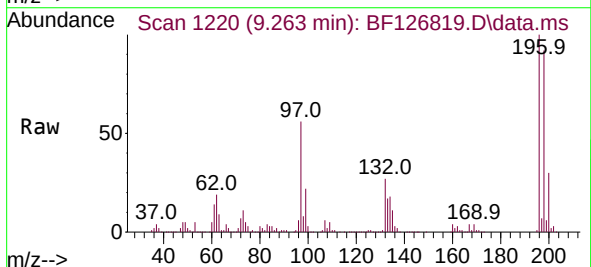
Ion Ratio Lower Upper

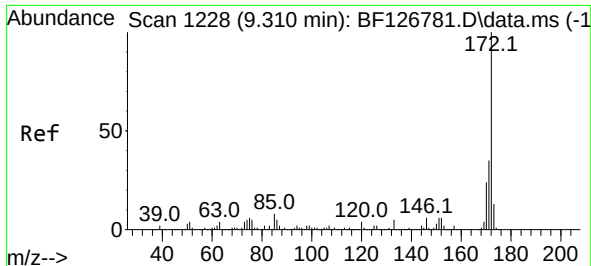
196 100

198 92.1 82.0 123.0

97 55.7 53.5 80.3

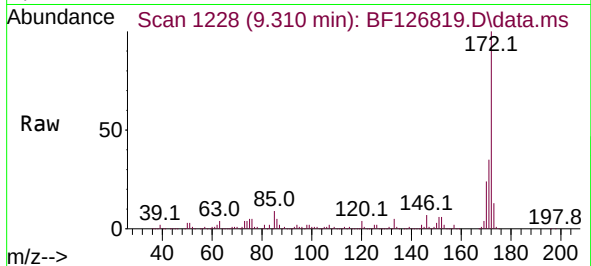
132 27.3 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 74.822 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

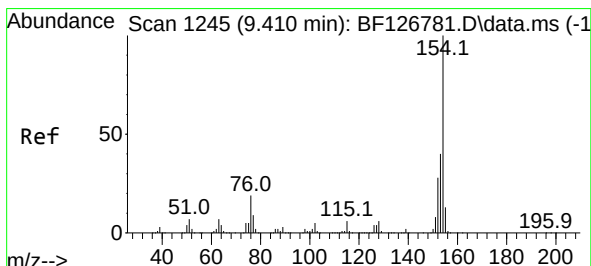
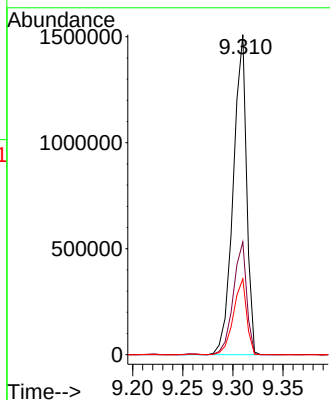
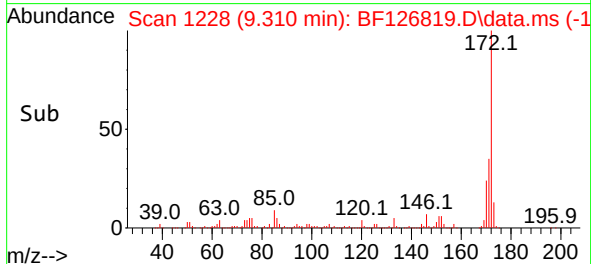
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



Tgt Ion:172 Resp: 1405715
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.7 19.0 28.6

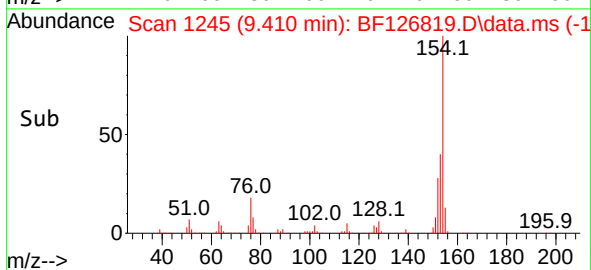
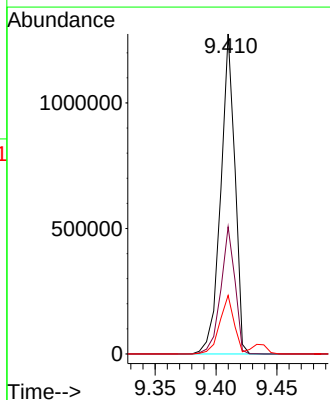
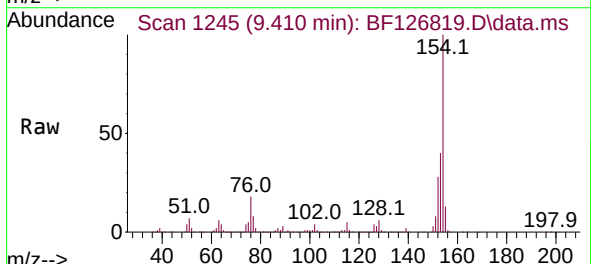
Manual Integrations
APPROVED

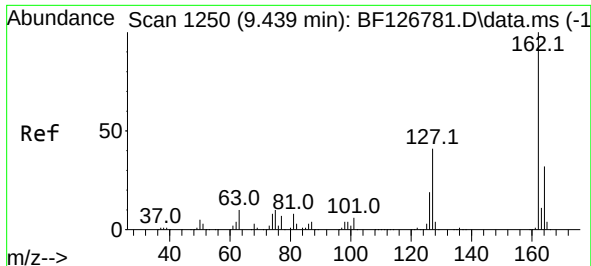
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#46
1,1'-Biphenyl
Concen: 45.457 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

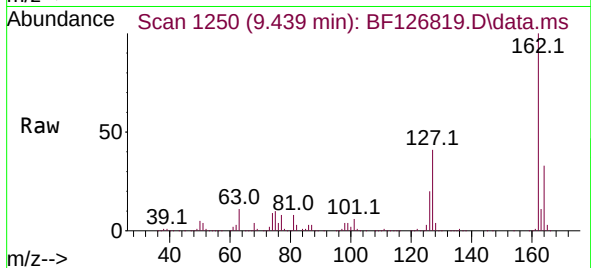
Tgt Ion:154 Resp: 1035659
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 18.3 0.0 34.5





#47
2-Chloronaphthalene
Concen: 45.351 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

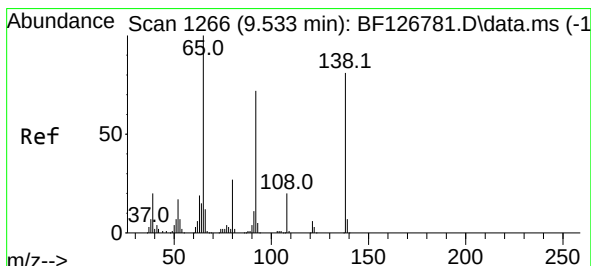
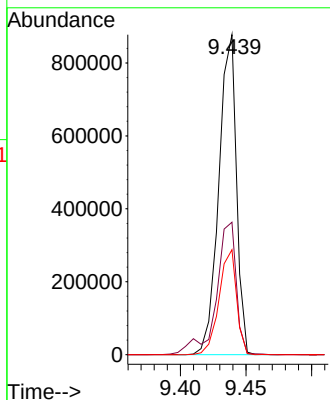
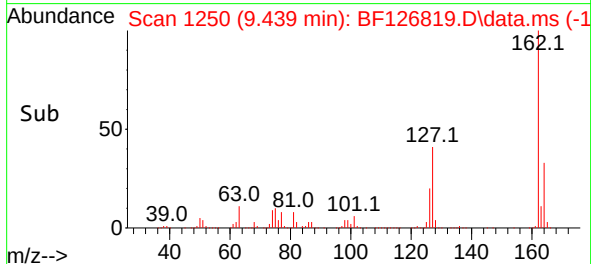
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



Tgt Ion:162 Resp: 819060
Ion Ratio Lower Upper
162 100
127 41.4 33.5 50.3
164 32.8 26.2 39.4

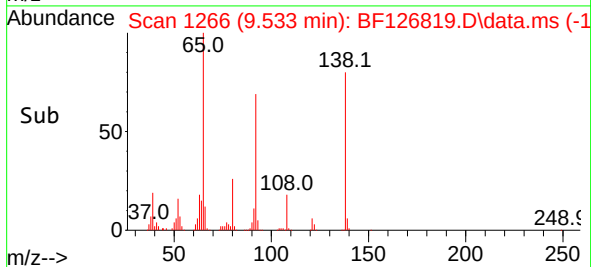
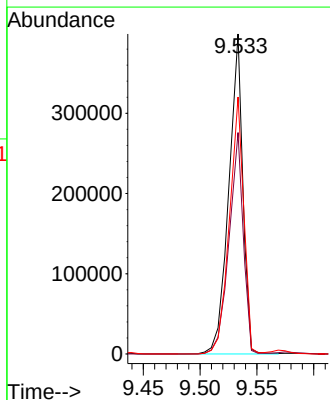
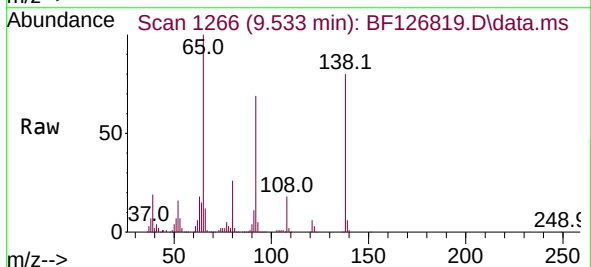
Manual Integrations
APPROVED

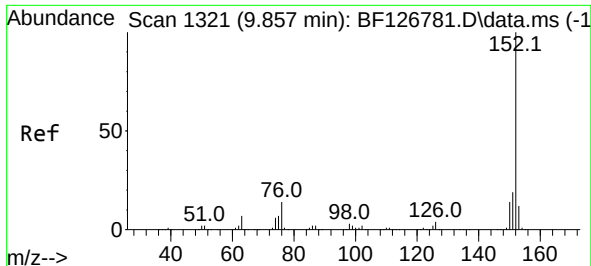
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#48
2-Nitroaniline
Concen: 46.638 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

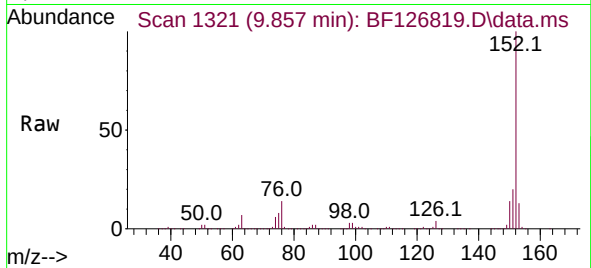
Tgt Ion: 65 Resp: 343421
Ion Ratio Lower Upper
65 100
92 69.2 54.4 81.6
138 80.3 72.5 108.7





#49
Acenaphthylene
Concen: 46.853 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

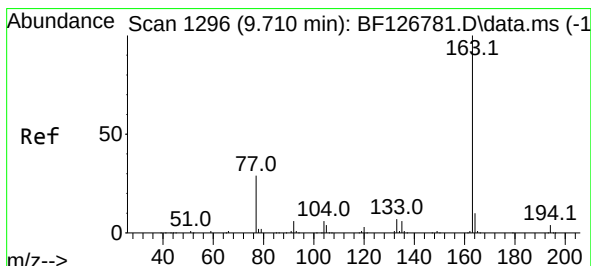
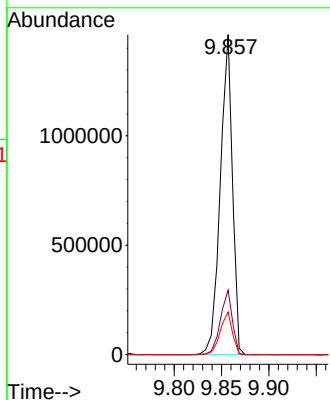
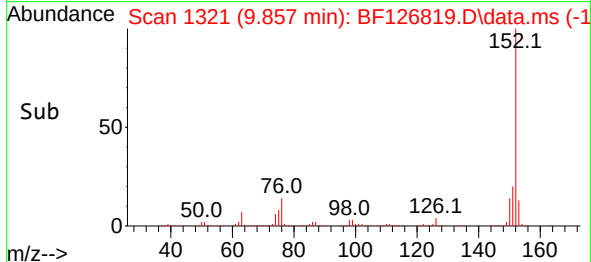
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



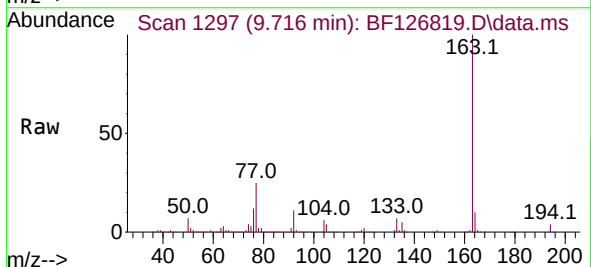
Tgt Ion:152 Resp: 1306500
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.3 11.4 17.0

Manual Integrations
APPROVED

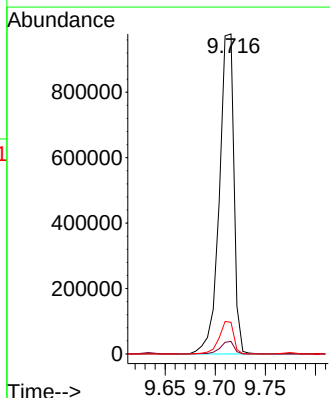
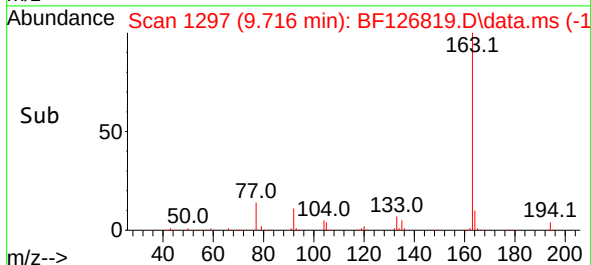
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

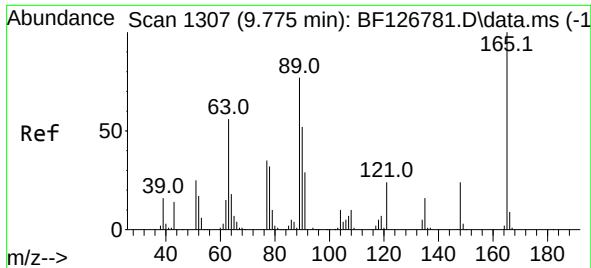


#50
Dimethylphthalate
Concen: 45.844 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



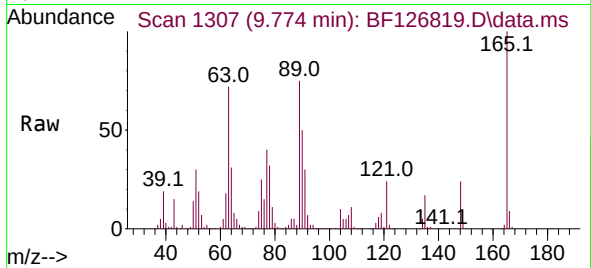
Tgt Ion:163 Resp: 985802
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 48.915 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

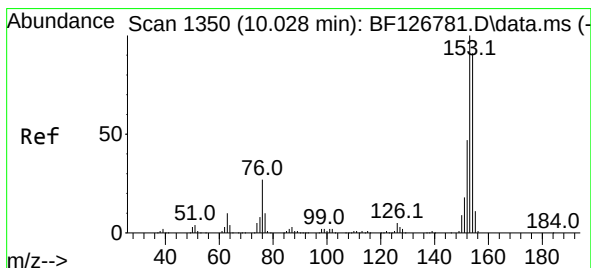
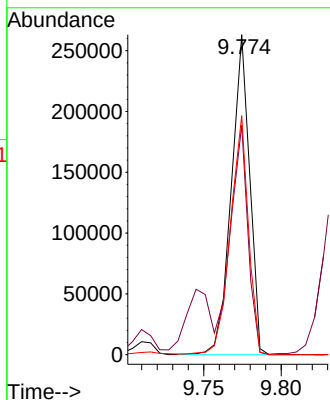
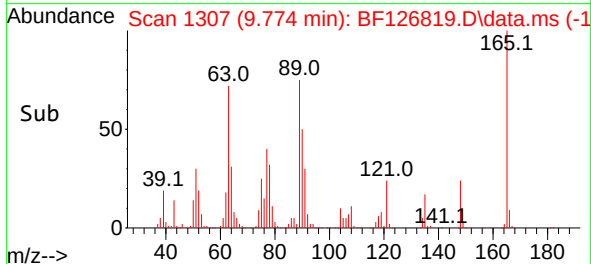
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:165 Resp: 216064
Ion Ratio Lower Upper
165 100
63 71.7 48.4 72.6
89 74.7 50.5 75.7

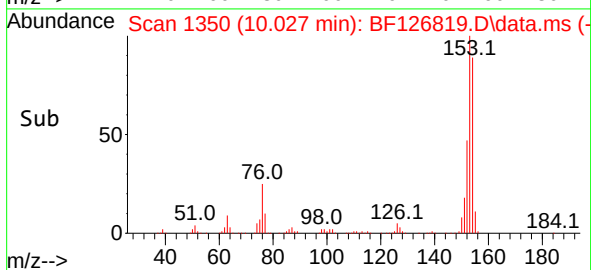
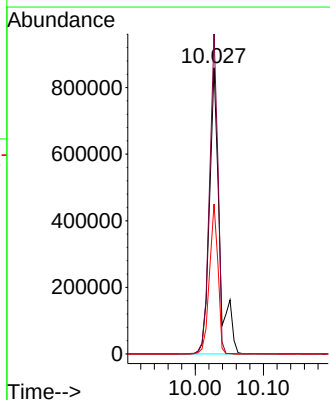
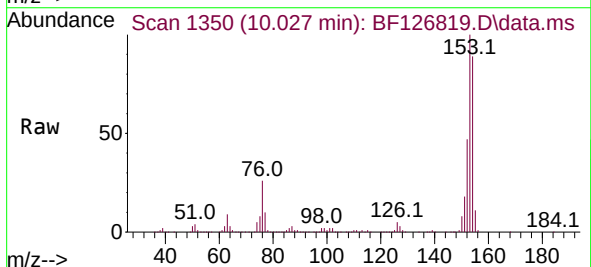
Manual Integrations
APPROVED

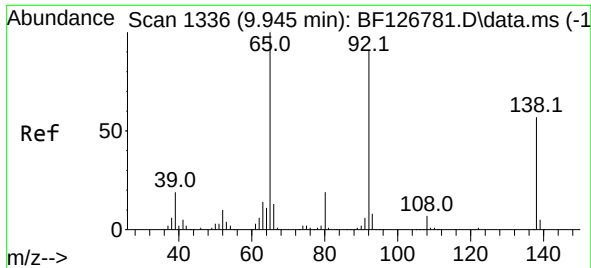
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#52
Acenaphthene
Concen: 49.460 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

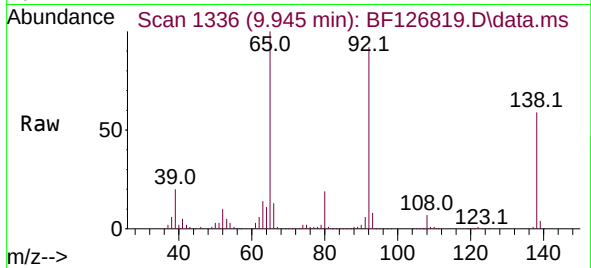
Tgt Ion:154 Resp: 879374
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.6
152 52.4 39.4 59.2





#53
3-Nitroaniline
Concen: 34.054 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

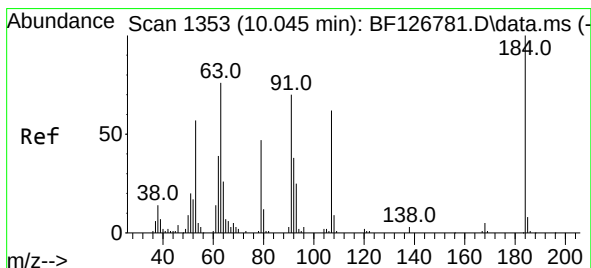
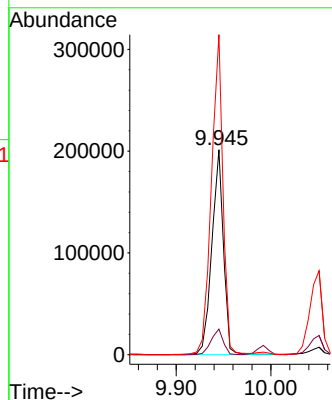
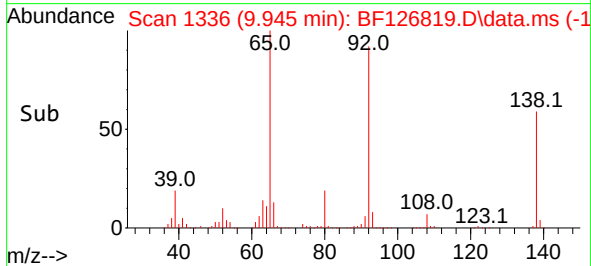
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:138 Resp: 171408
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 156.1 105.0 157.6

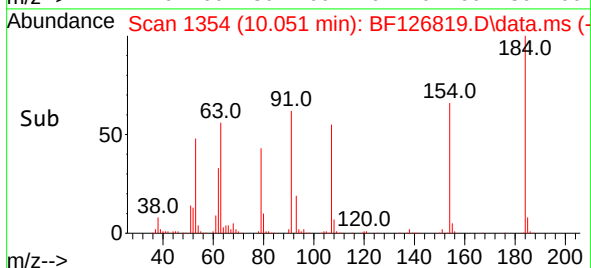
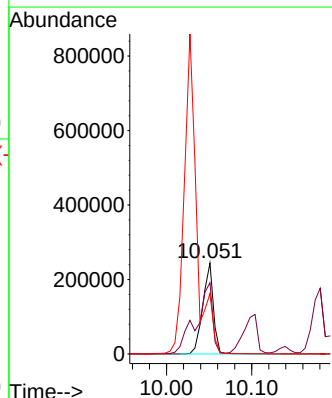
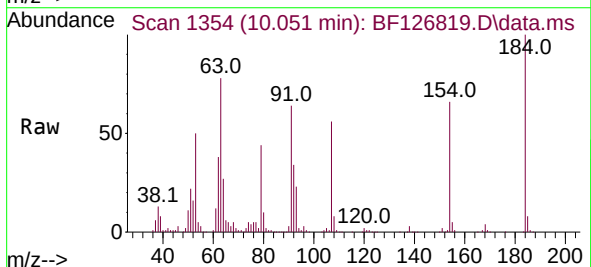
Manual Integrations
APPROVED

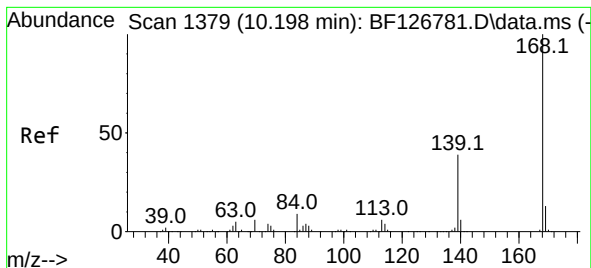
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#54
2,4-Dinitrophenol
Concen: 90.726 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

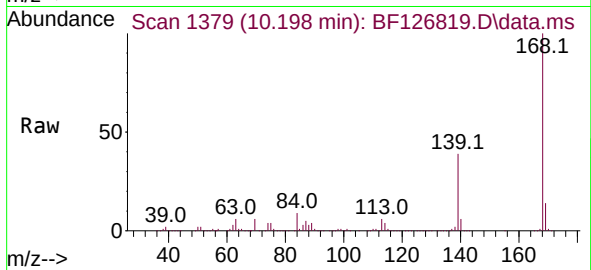
Tgt Ion:184 Resp: 211096
Ion Ratio Lower Upper
184 100
63 78.4 70.4 105.6
154 66.5 49.7 74.5





#55
Dibenzenofuran
Concen: 43.402 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

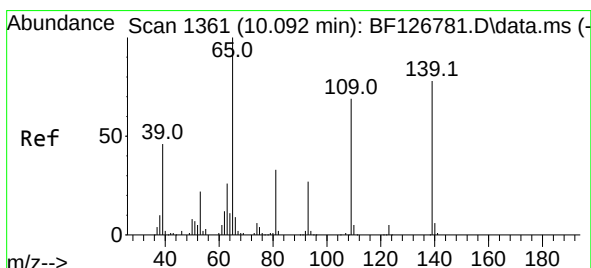
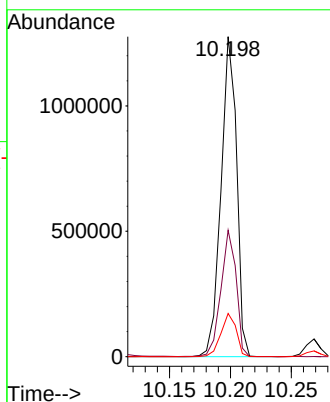
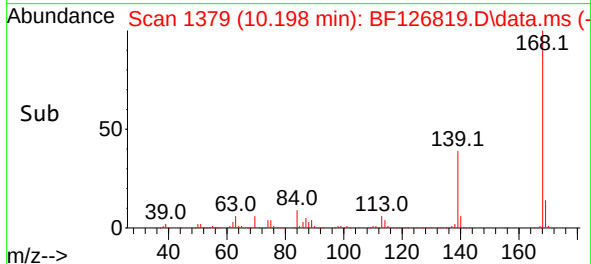
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:168 Resp: 113897
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 13.5 10.0 15.0

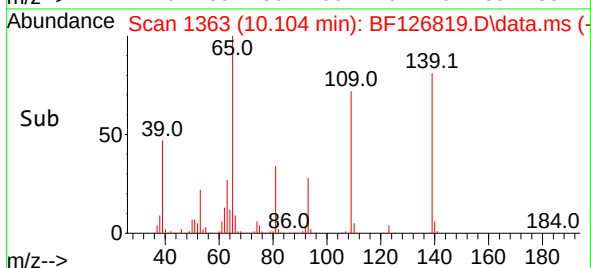
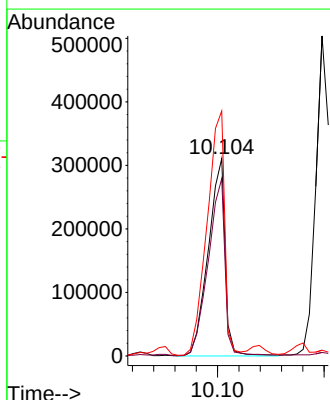
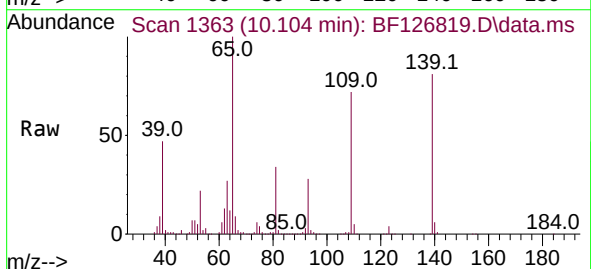
Manual Integrations
APPROVED

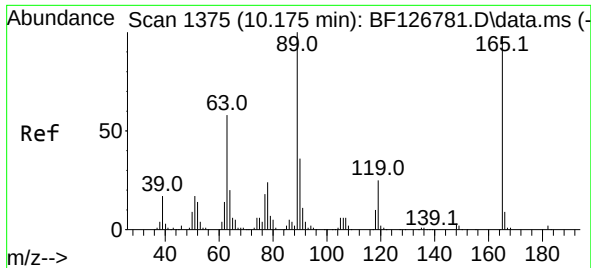
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#56
4-Nitrophenol
Concen: 90.122 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

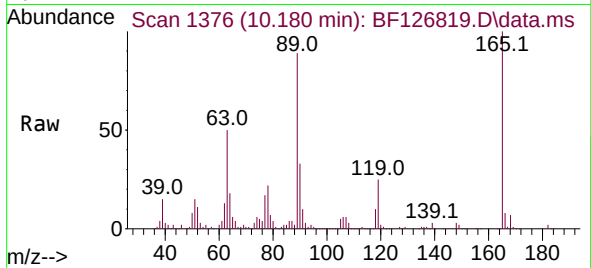
Tgt Ion:139 Resp: 343542
Ion Ratio Lower Upper
139 100
109 89.8 44.1 84.1#
65 124.2 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 48.345 ng
RT: 10.180 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

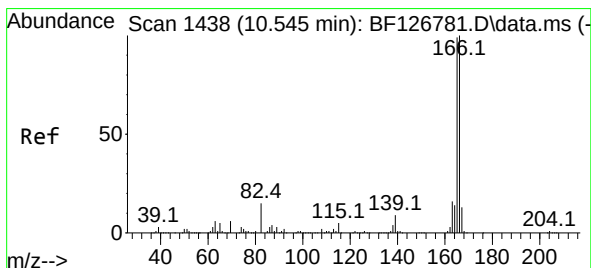
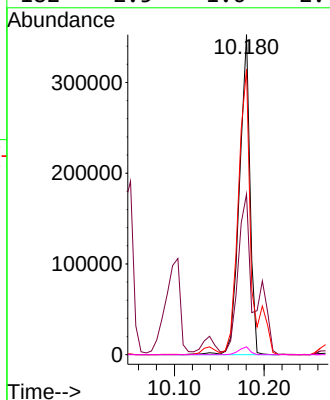
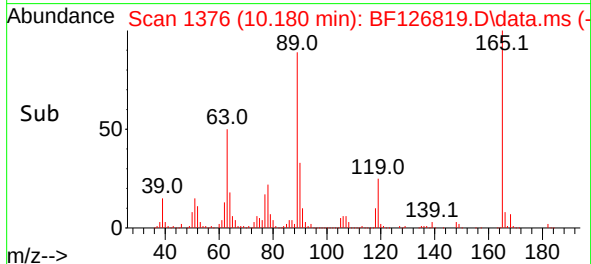
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:165 Resp: 28942
Ion Ratio Lower Upper
165 100
63 50.1 43.0 64.6
89 89.3 71.0 106.4
182 2.5 1.6 2.4#

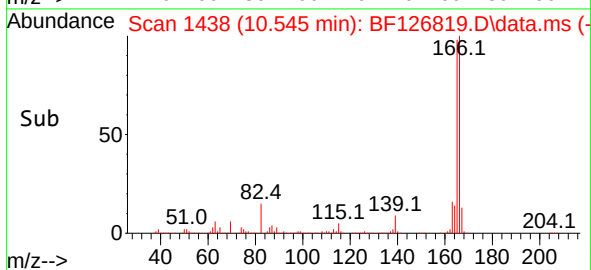
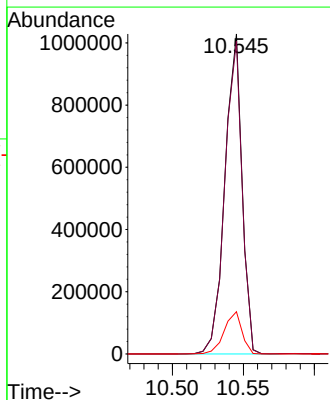
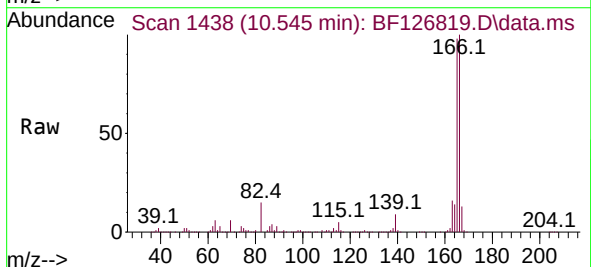
Manual Integrations
APPROVED

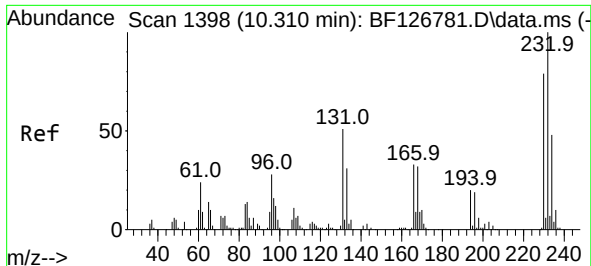
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#58
Fluorene
Concen: 44.297 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

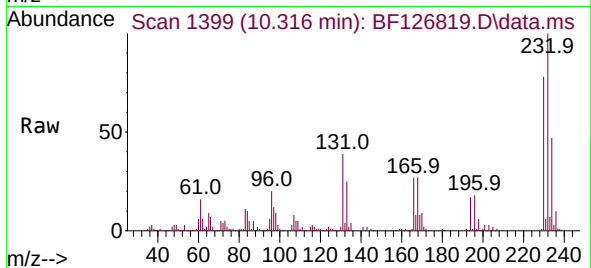
Tgt Ion:166 Resp: 860105
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.712 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

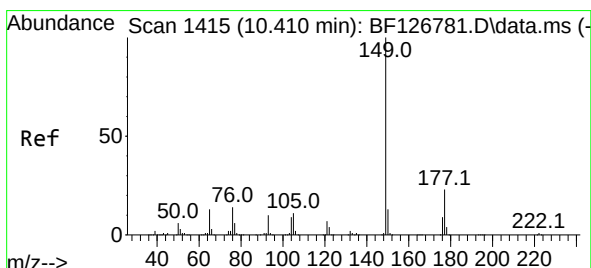
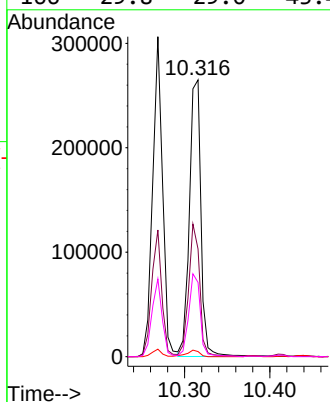
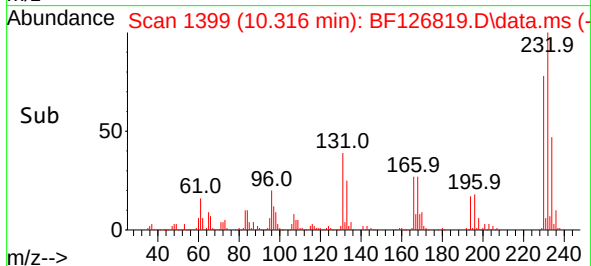
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:232 Resp: 24924
Ion Ratio Lower Upper
232 100
131 45.1 50.0 75.0
130 2.6 2.2 3.2
166 29.8 29.0 43.4

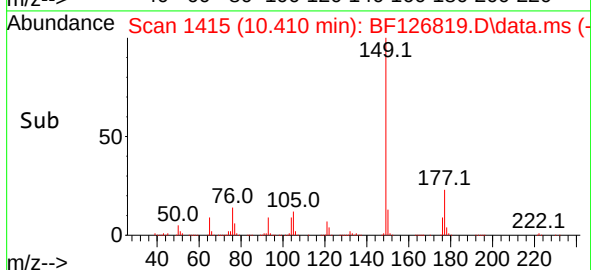
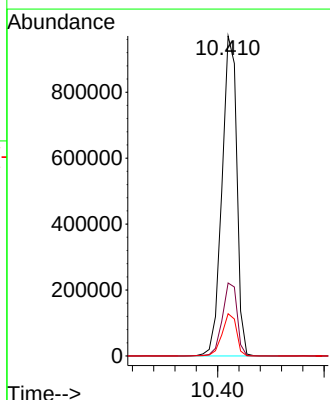
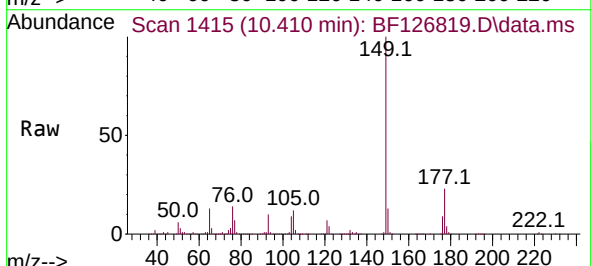
Manual Integrations
APPROVED

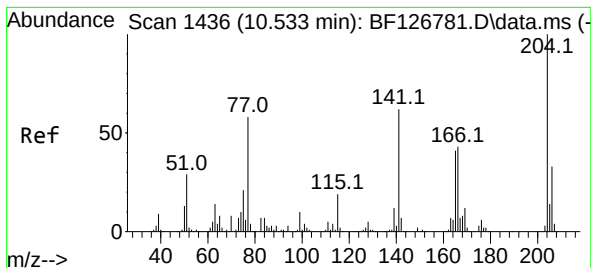
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#60
Diethylphthalate
Concen: 44.231 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

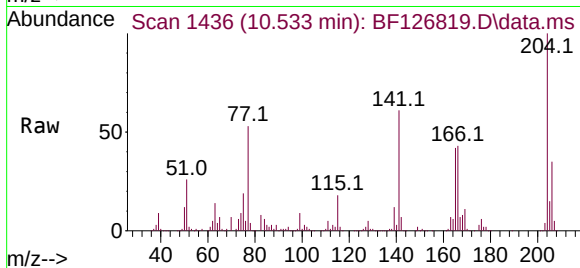
Tgt Ion:149 Resp: 934532
Ion Ratio Lower Upper
149 100
177 22.8 16.7 25.1
150 13.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.151 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

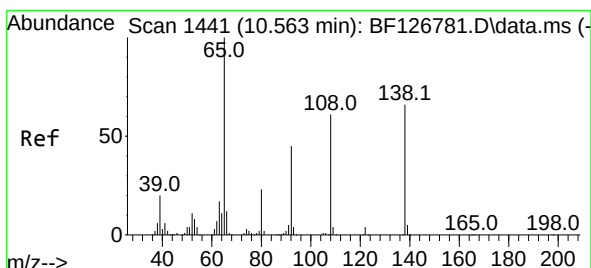
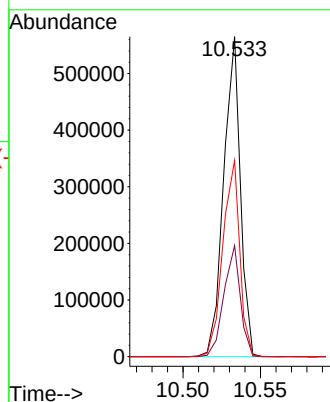
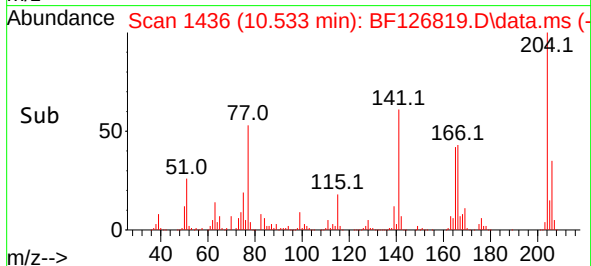
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:204 Resp: 423807
Ion Ratio Lower Upper
204 100
206 34.7 26.3 39.5
141 61.4 59.0 88.6

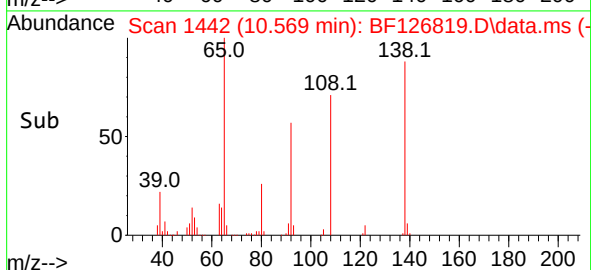
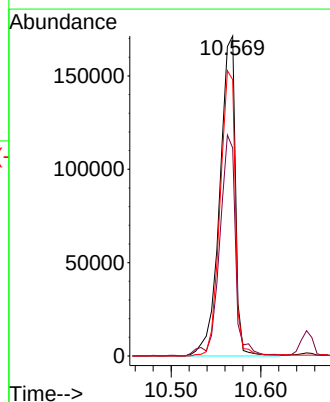
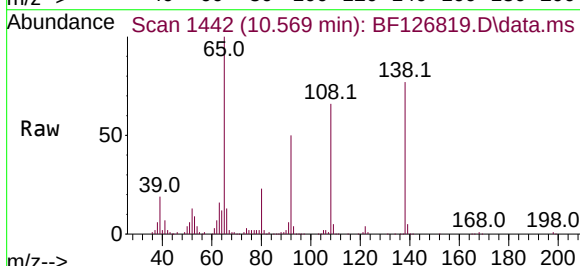
Manual Integrations
APPROVED

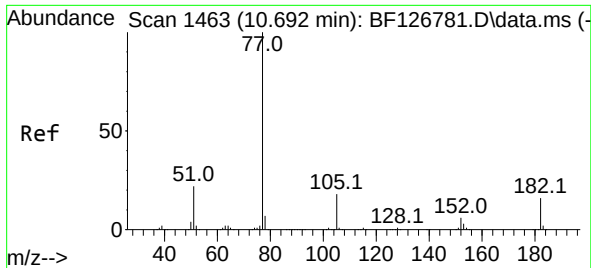
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#62
4-Nitroaniline
Concen: 43.549 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

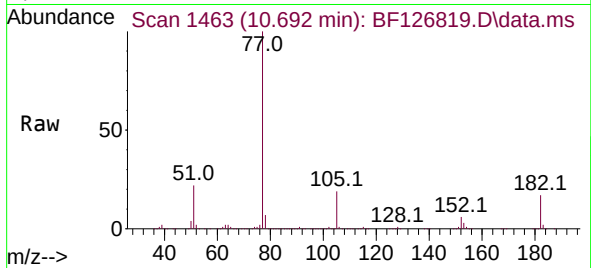
Tgt Ion:138 Resp: 208000
Ion Ratio Lower Upper
138 100
92 65.0 36.2 76.2
108 86.4 46.7 86.7





#63
Azobenzene
Concen: 44.044 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

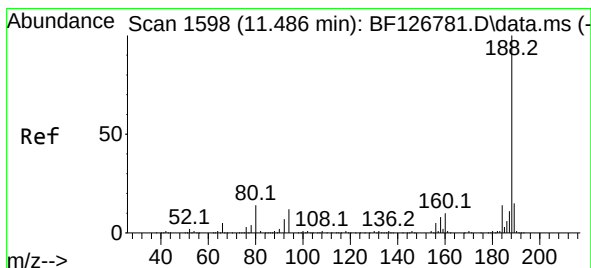
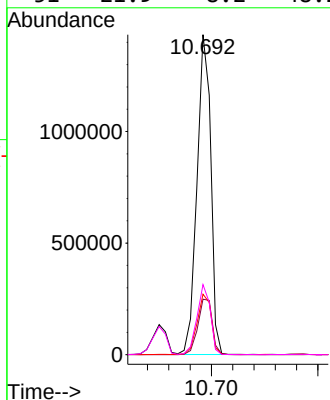
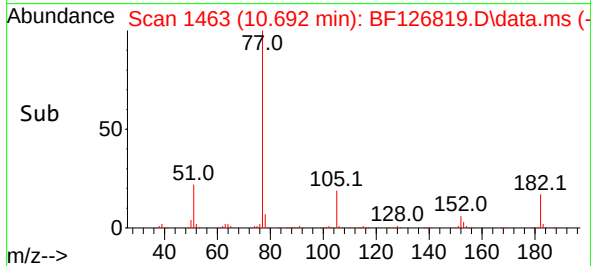
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



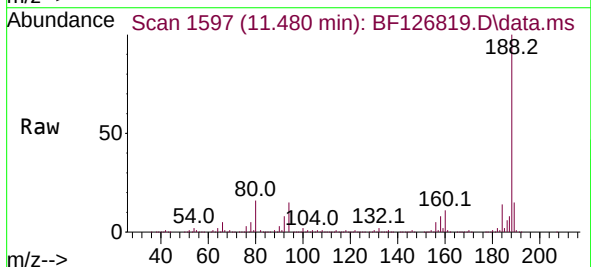
Tgt Ion: 77 Resp: 129116
Ion Ratio Lower Upper
77 100
182 17.4 0.0 39.0
105 18.9 3.2 43.2
51 21.9 8.2 48.2

Manual Integrations
APPROVED

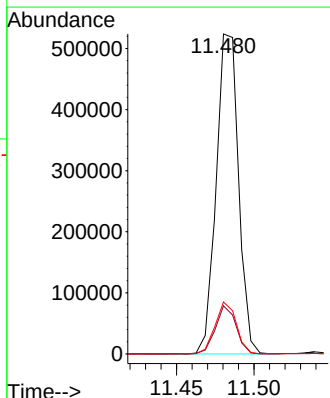
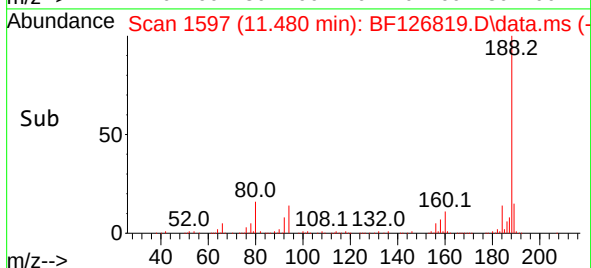
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

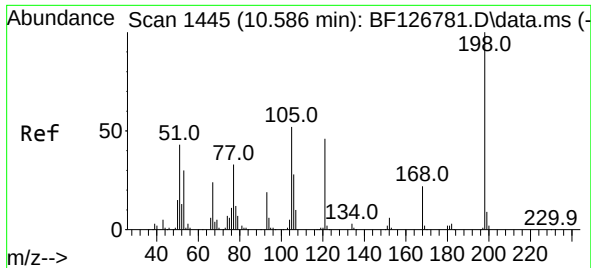


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



Tgt Ion:188 Resp: 524912
Ion Ratio Lower Upper
188 100
94 15.0 10.1 15.1
80 16.2 11.8 17.6





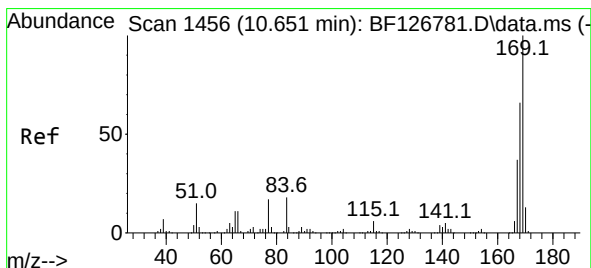
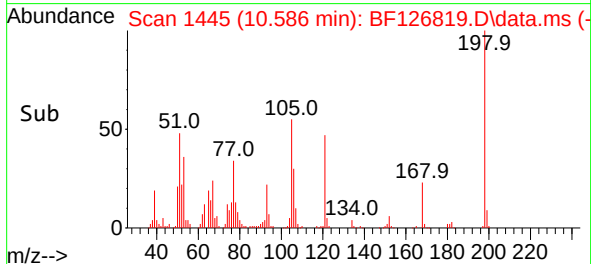
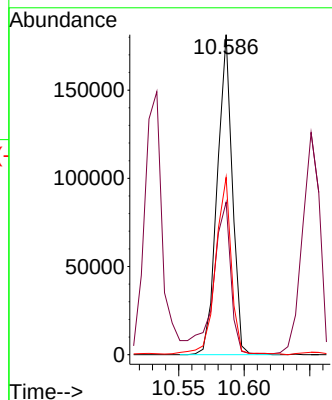
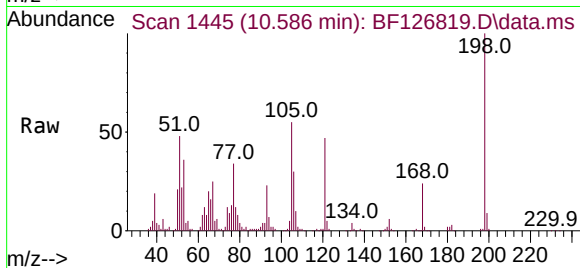
#65
4,6-Dinitro-2-methylphenol
Concen: 45.311 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

Tgt Ion:198 Resp: 14428
Ion Ratio Lower Upper
198 100
51 47.6 32.0 72.0
105 55.4 32.7 72.7

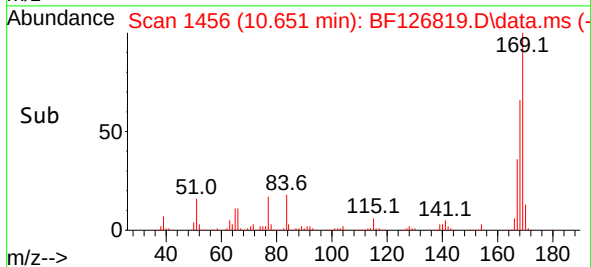
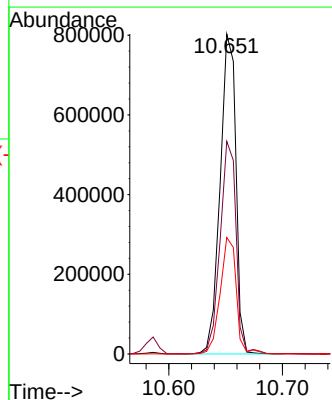
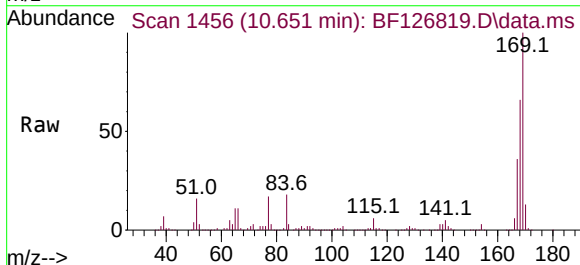
Manual Integrations
APPROVED

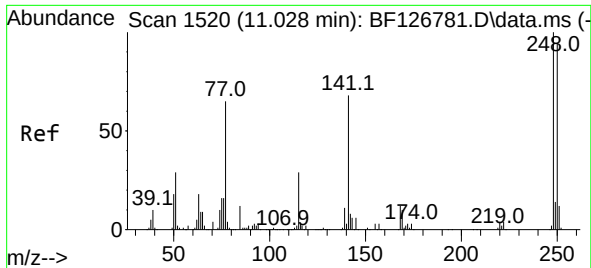
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#66
n-Nitrosodiphenylamine
Concen: 46.091 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

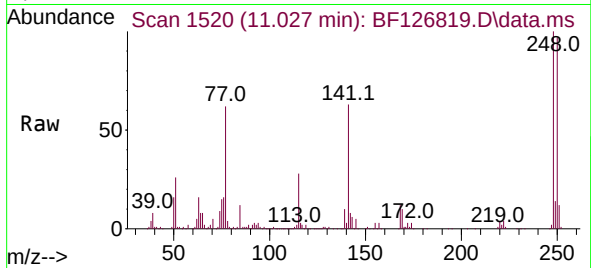
Tgt Ion:169 Resp: 778018
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.503 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

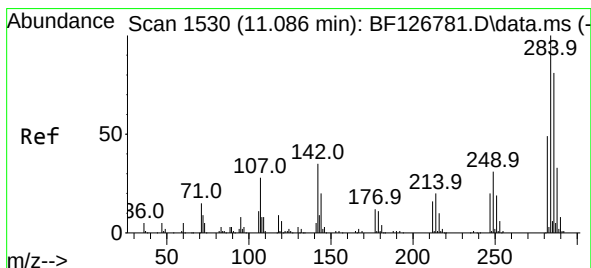
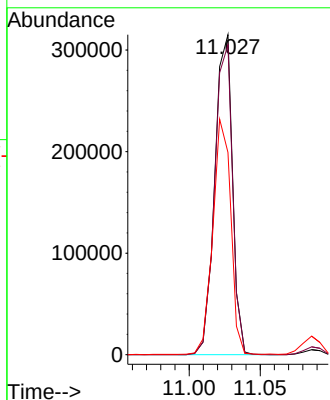
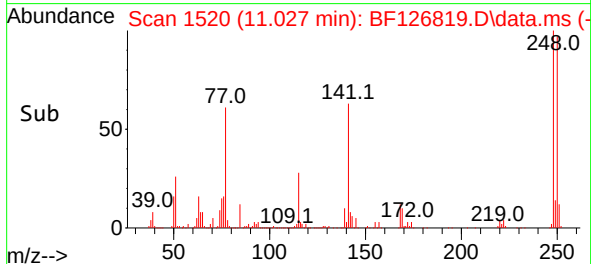
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



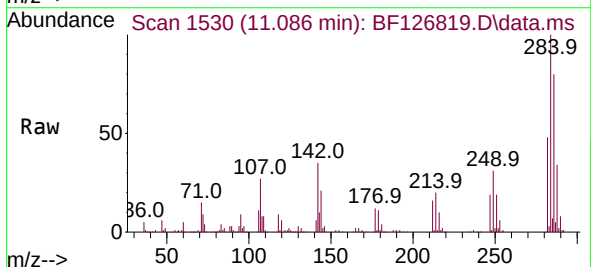
Tgt Ion:248 Resp: 273395
Ion Ratio Lower Upper
248 100
250 96.8 76.2 114.4
141 63.2 66.2 99.4

Manual Integrations
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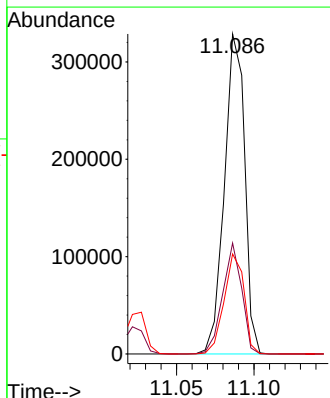
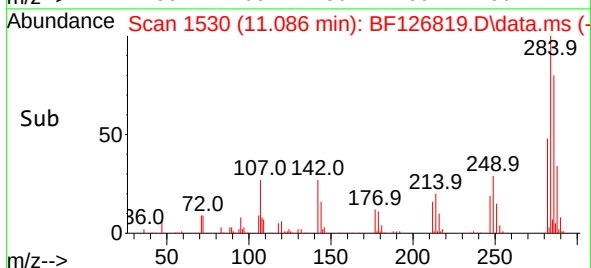
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

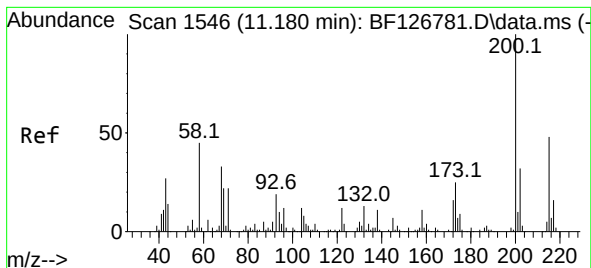


#68
Hexachlorobenzene
Concen: 45.496 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



Tgt Ion:284 Resp: 299108
Ion Ratio Lower Upper
284 100
142 34.7 30.7 46.1
249 31.2 21.1 31.7





#69

Atrazine

Concen: 46.835 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Instrument :

BNA_F

ClientSampleId :

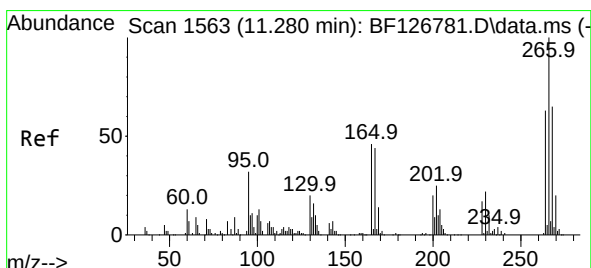
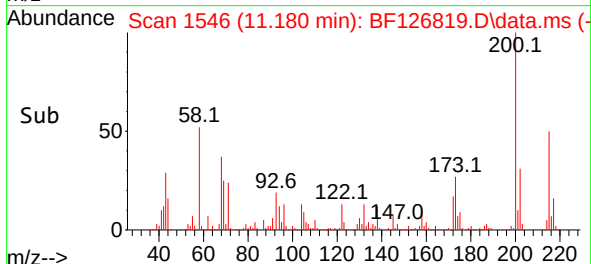
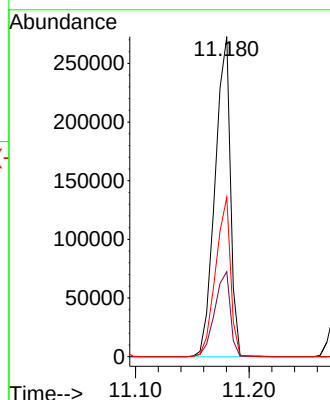
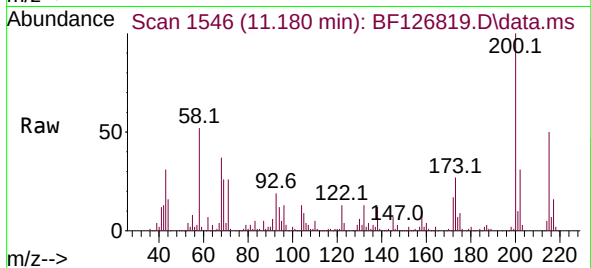
DB-09(25-30)-02-02-22MSD

Tgt Ion:200 Resp: 256530
 Ion Ratio Lower Upper
 200 100
 173 26.6 9.2 49.2
 215 49.8 23.2 63.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022



#70

Pentachlorophenol

Concen: 84.643 ng

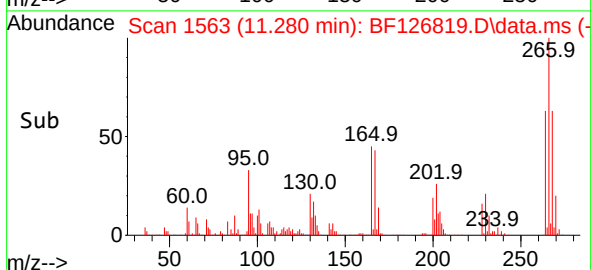
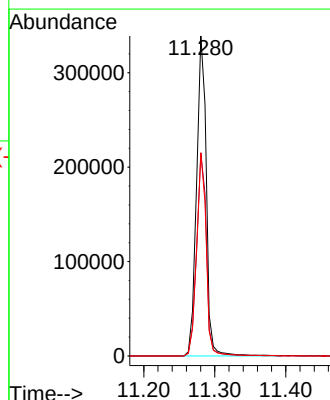
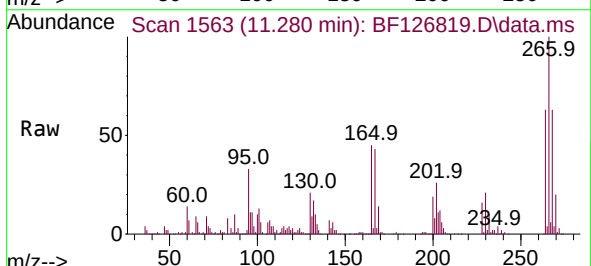
RT: 11.280 min Scan# 1563

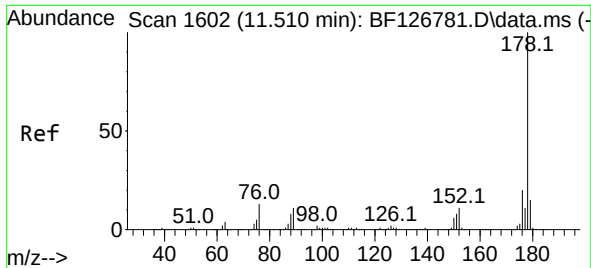
Delta R.T. -0.000 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

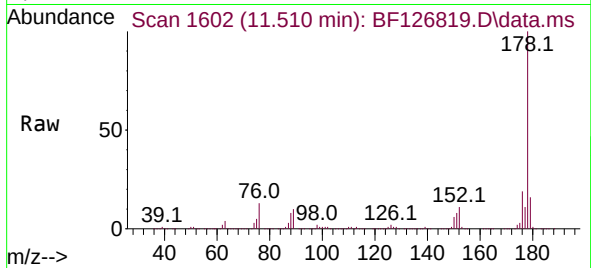
Tgt Ion:266 Resp: 324657
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.3 78.5
 264 63.5 50.4 75.6





#71
Phenanthrene
Concen: 44.185 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

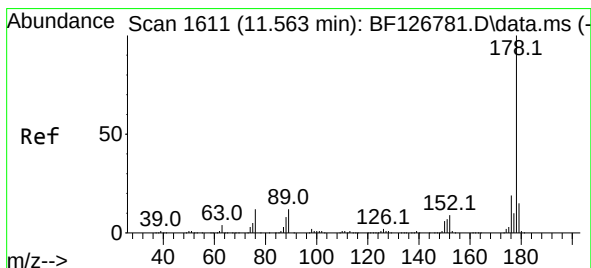
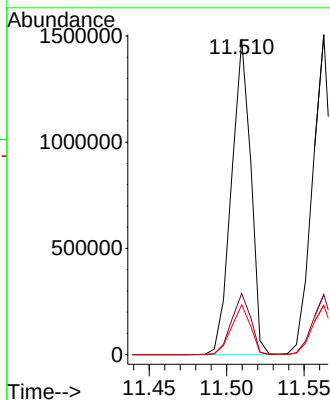
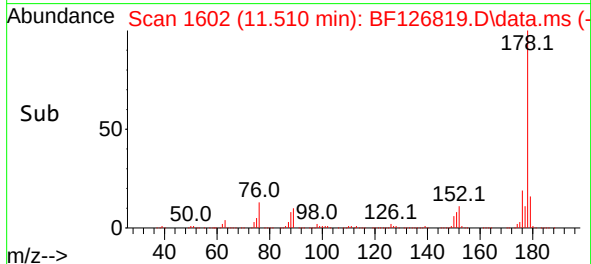
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



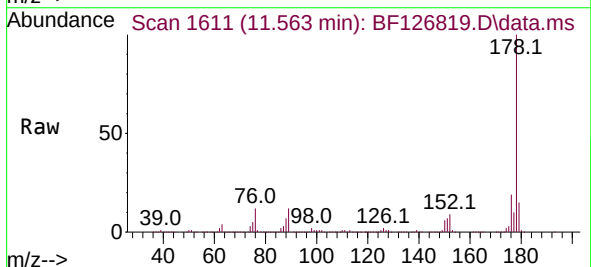
Tgt Ion:178 Resp: 128453
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 12.3 18.5

Manual Integrations
APPROVED

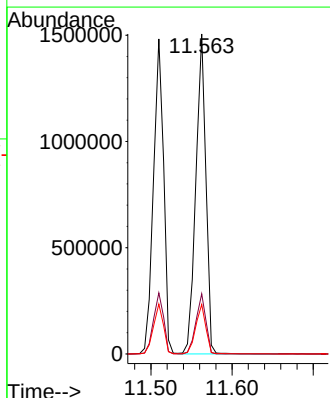
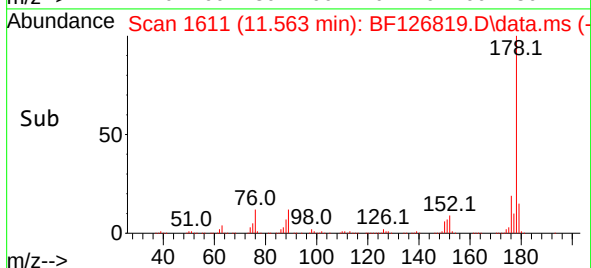
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

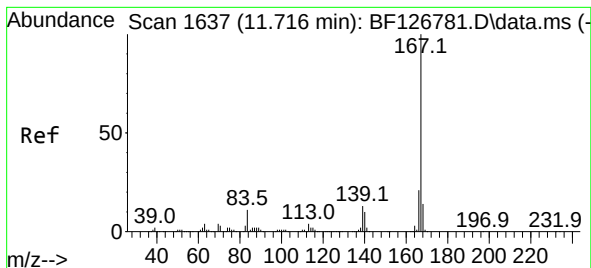


#72
Anthracene
Concen: 44.741 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



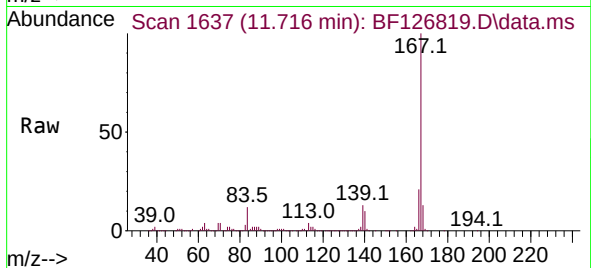
Tgt Ion:178 Resp: 1302757
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 40.958 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. -0.000 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59

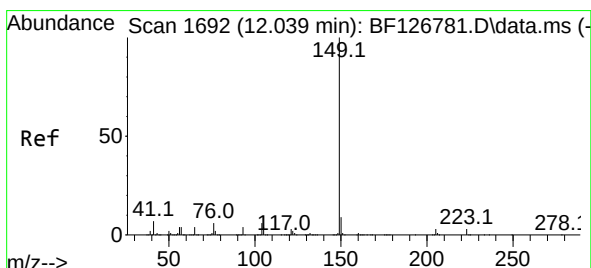
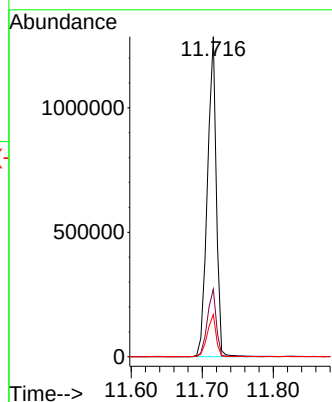
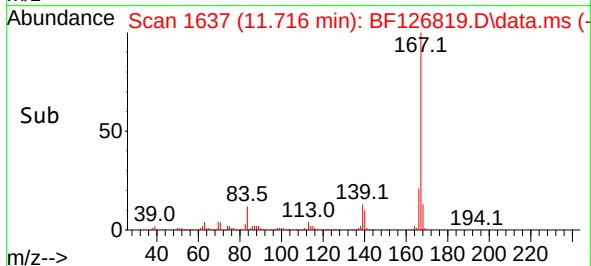
Instrument : BNA_F
 ClientSampleId : DB-09(25-30)-02-02-22MSD



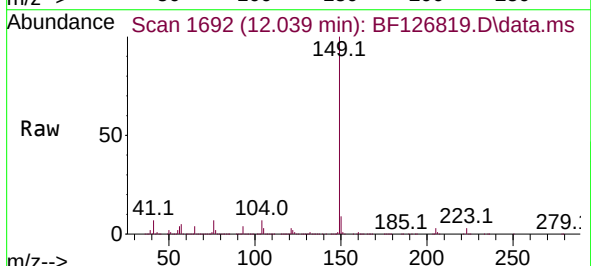
Tgt Ion:167 Resp: 112508
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 13.2 11.3 16.9

Manual Integrations
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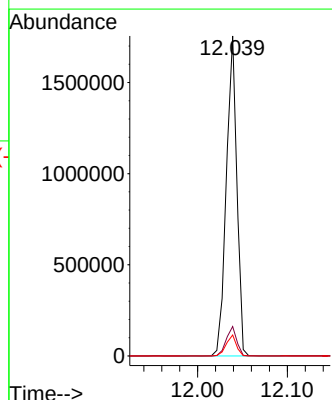
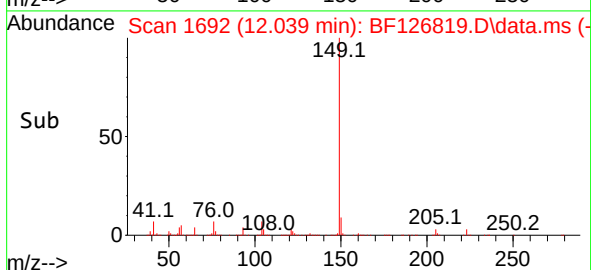
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

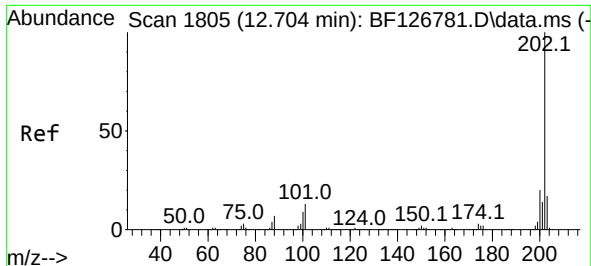


#74
 Di-n-butylphthalate
 Concen: 44.834 ng
 RT: 12.039 min Scan# 1692
 Delta R.T. -0.000 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59



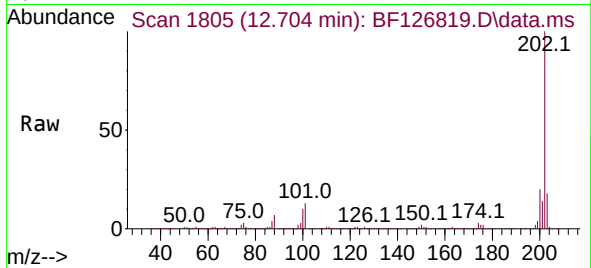
Tgt Ion:149 Resp: 1427903
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 6.5 4.2 6.2#





#75
Fluoranthene
Concen: 41.690 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

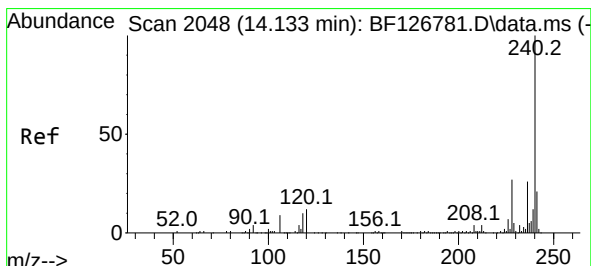
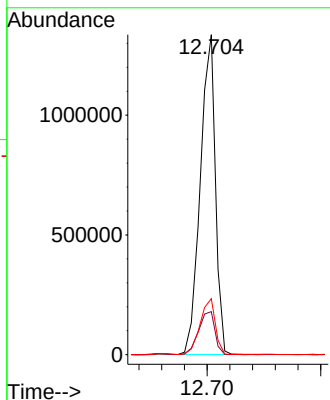
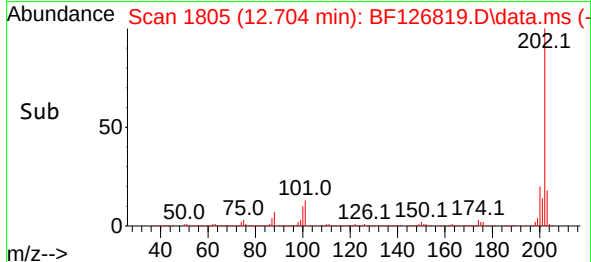
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:202 Resp: 1232780
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.7
203 17.5 0.0 37.1

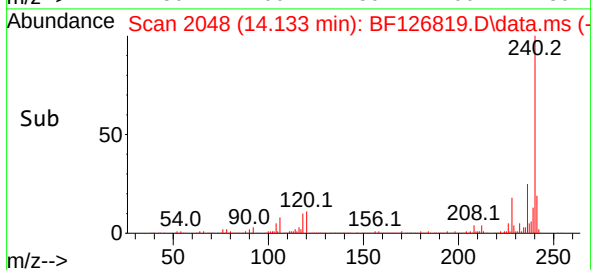
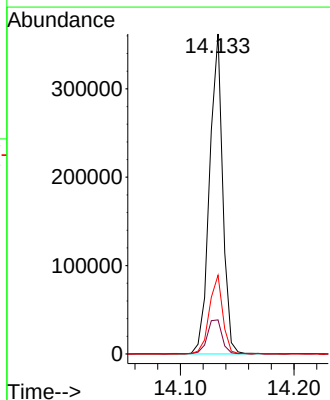
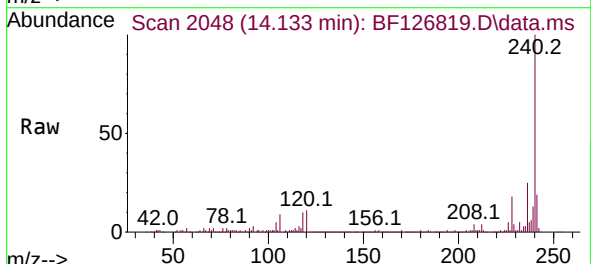
Manual Integrations
APPROVED

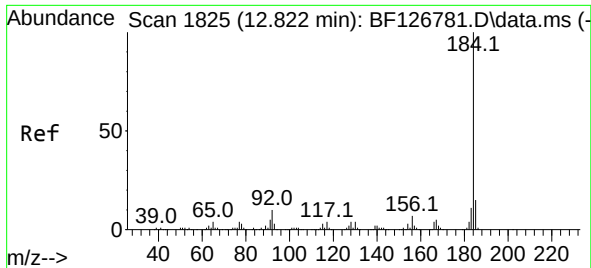
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

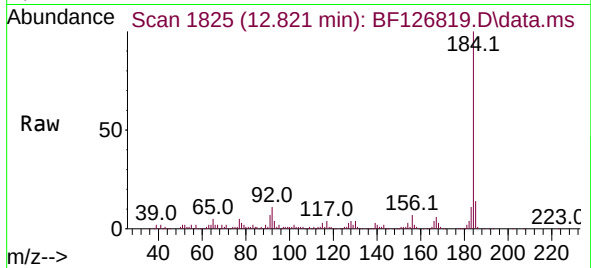
Tgt Ion:240 Resp: 290590
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 24.6 20.5 30.7





#77
Benzidine
Concen: 31.700 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

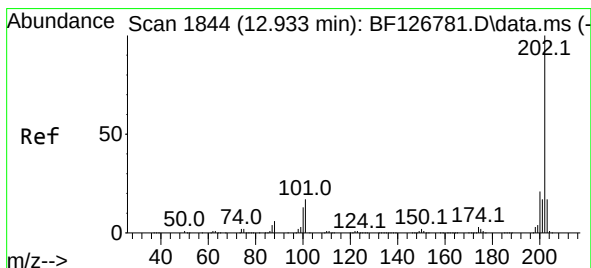
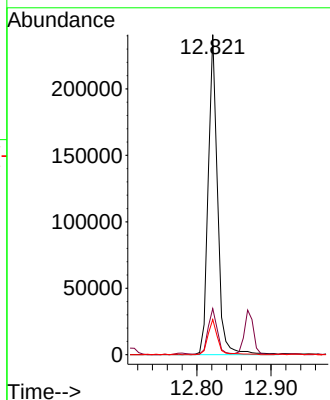
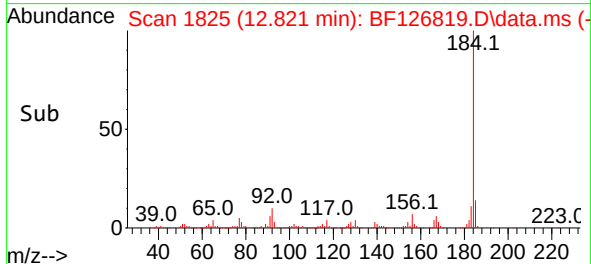
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:184 Resp: 21132
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.0 8.2 12.2

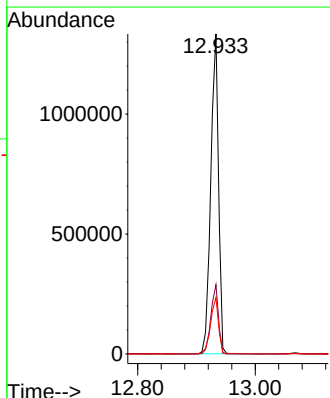
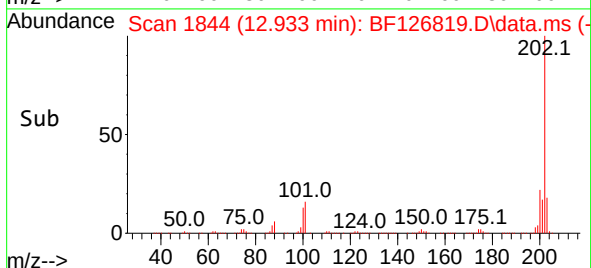
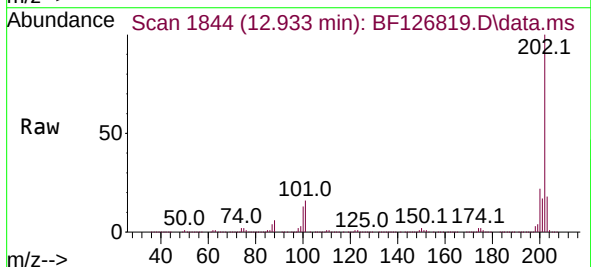
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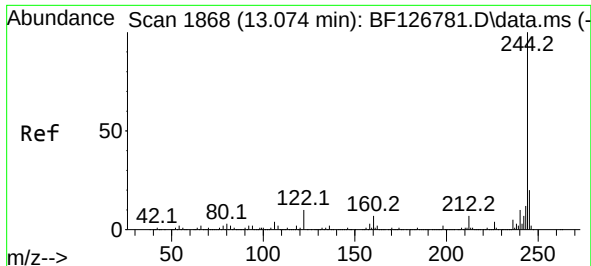
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#78
Pyrene
Concen: 52.331 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

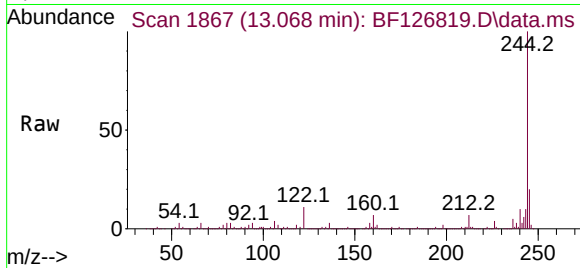
Tgt Ion:202 Resp: 1215278
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 17.6 13.8 20.8





#79
 Terphenyl-d14
 Concen: 75.043 ng
 RT: 13.068 min Scan# 1868
 Delta R.T. -0.006 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59

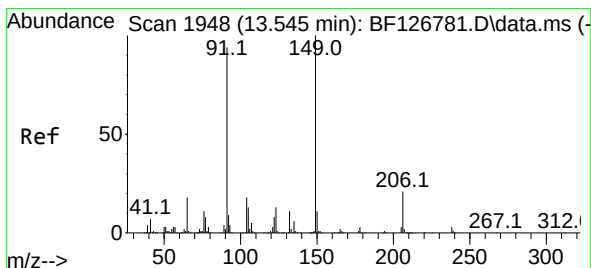
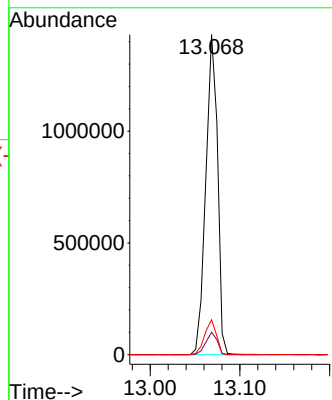
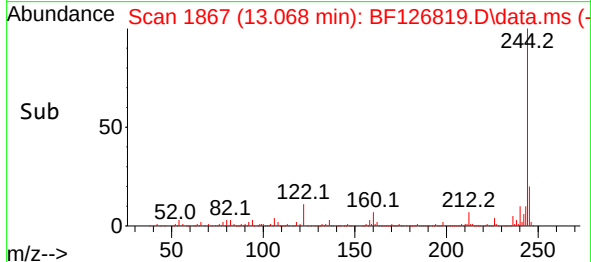
Instrument : BNA_F
 ClientSampleId : DB-09(25-30)-02-02-22MSD



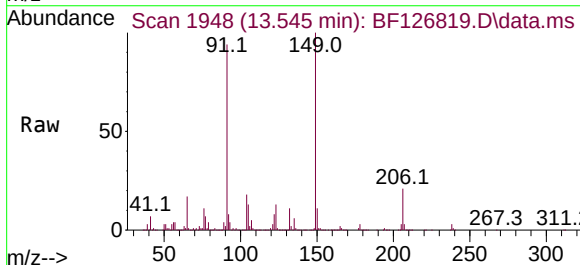
Tgt Ion:244 Resp: 130358
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 10.9 13.3 19.9

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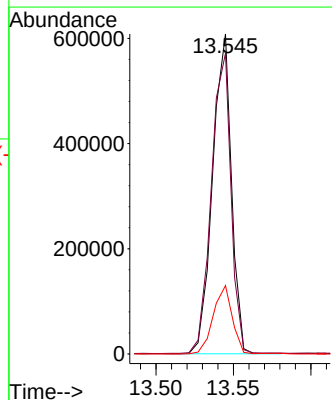
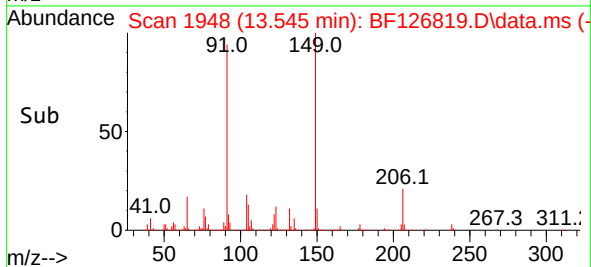
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

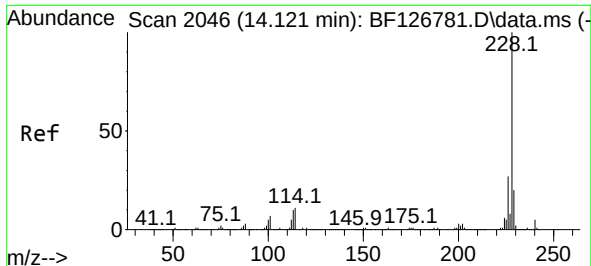


#80
 Butylbenzylphthalate
 Concen: 53.354 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59



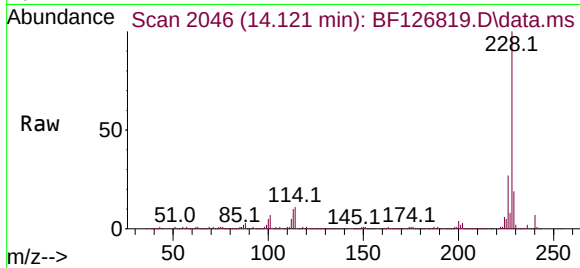
Tgt Ion:149 Resp: 514111
 Ion Ratio Lower Upper
 149 100
 91 94.0 70.5 105.7
 206 21.4 12.6 19.0





#81
Benzo(a)anthracene
Concen: 46.235 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

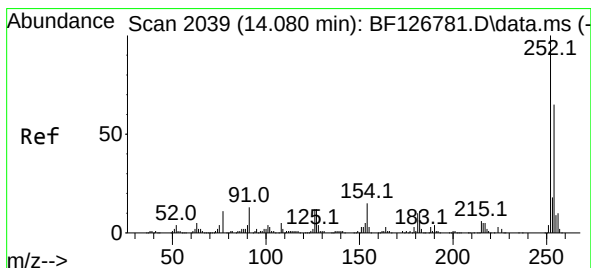
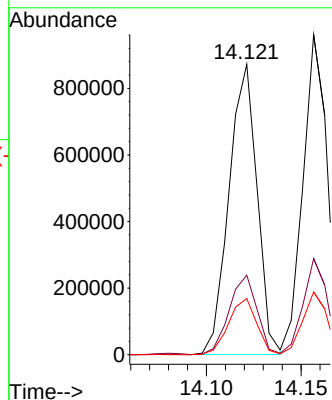
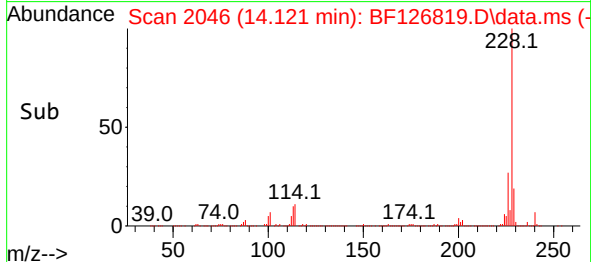
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



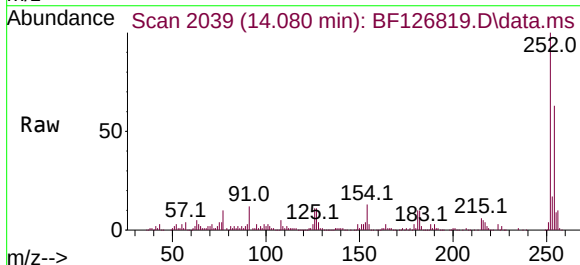
Tgt Ion:228 Resp: 896497
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.3 15.4 23.2

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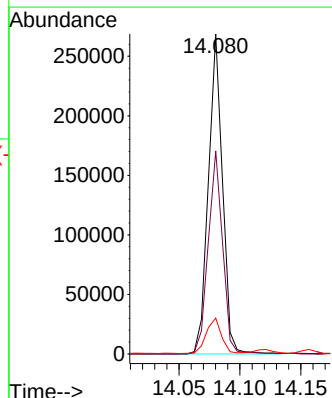
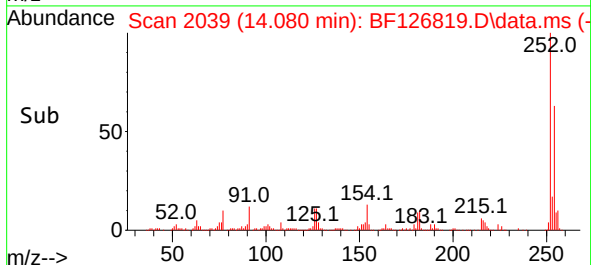
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

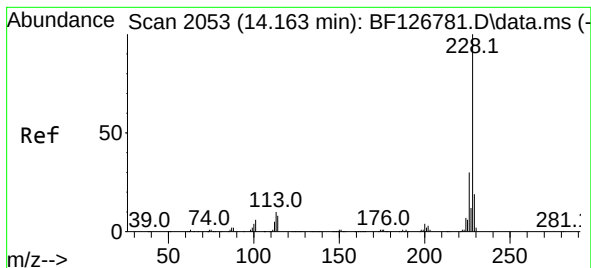


#82
3,3'-Dichlorobenzidine
Concen: 38.965 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



Tgt Ion:252 Resp: 216373
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.4
126 11.2 13.4 20.0#





#83

Chrysene

Concen: 45.755 ng

RT: 14.157 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MSD

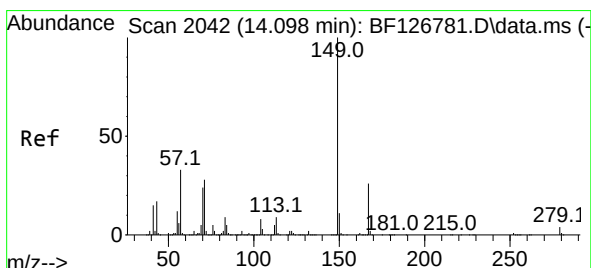
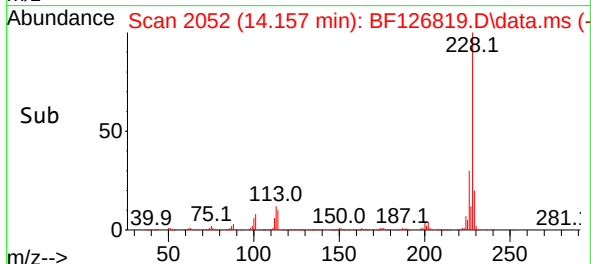
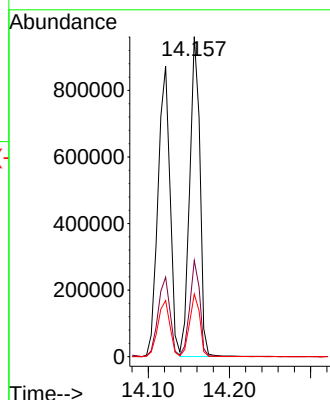
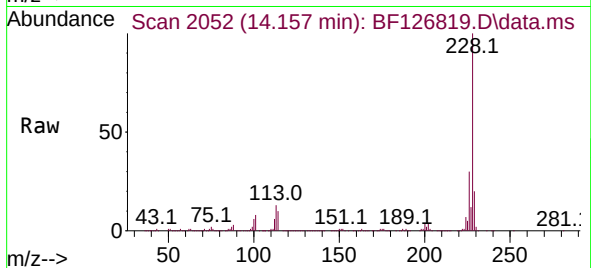
Tgt Ion:228 Resp: 840011

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.6	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.961 ng

RT: 14.098 min Scan# 2042

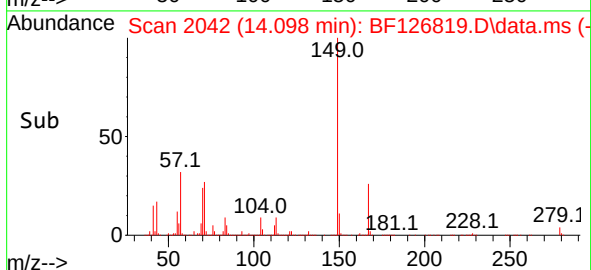
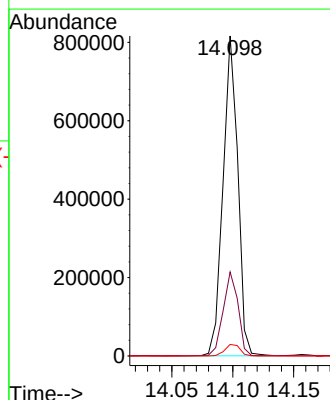
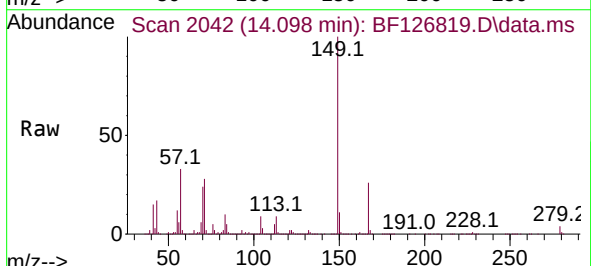
Delta R.T. -0.000 min

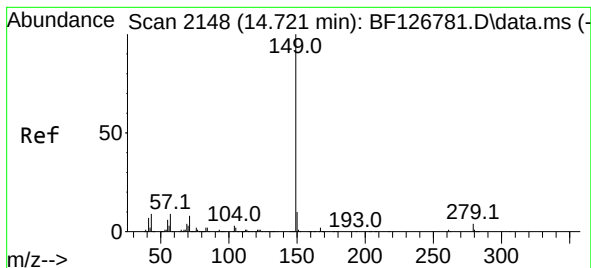
Lab File: BF126819.D

Acq: 04 Feb 2022 18:59

Tgt Ion:149 Resp: 689022

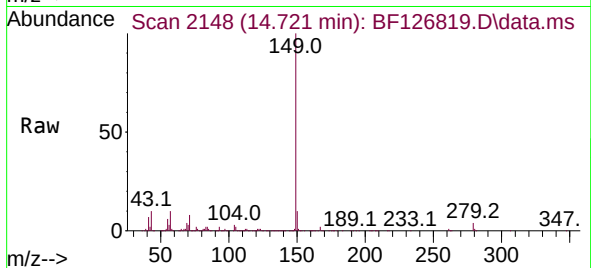
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.4	32.2
279	3.6	2.4	3.6





#85
Di-n-octyl phthalate
Concen: 53.340 ng
RT: 14.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

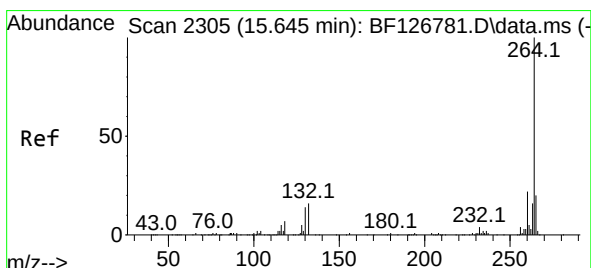
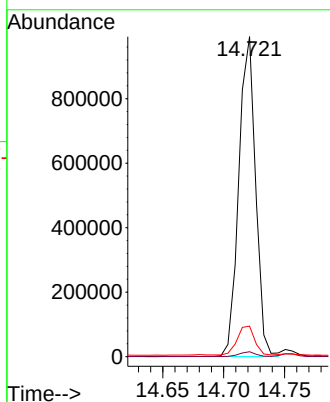
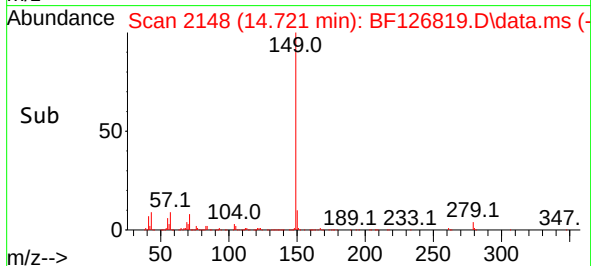
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



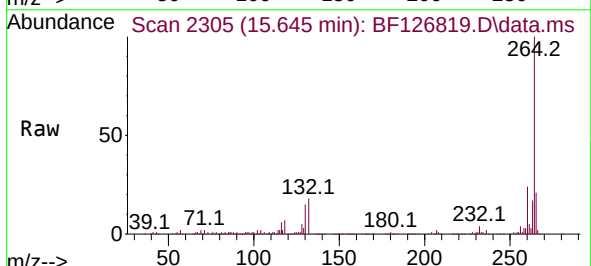
Tgt Ion:149 Resp: 953482
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 9.3 9.9 14.9

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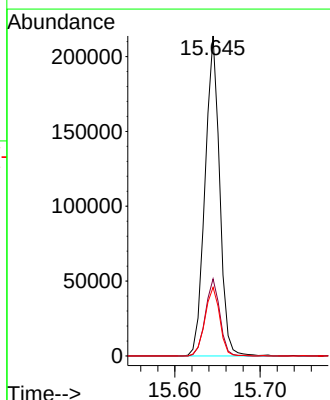
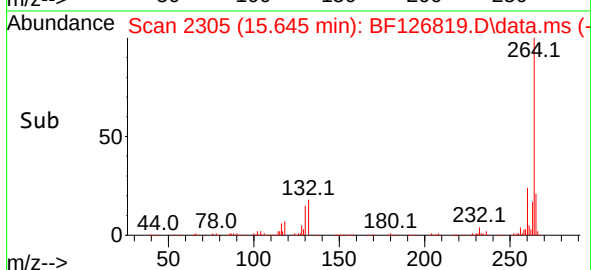
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

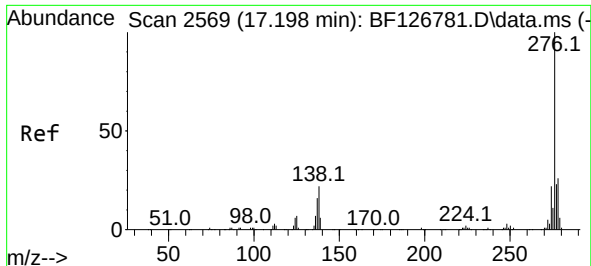


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59



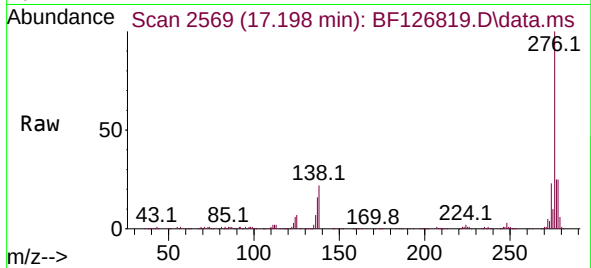
Tgt Ion:264 Resp: 253608
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.4 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.719 ng
 RT: 17.198 min Scan# 2569
 Delta R.T. -0.000 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59

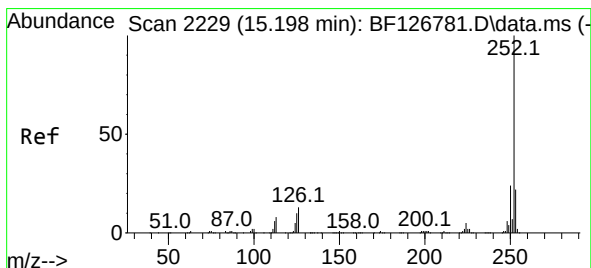
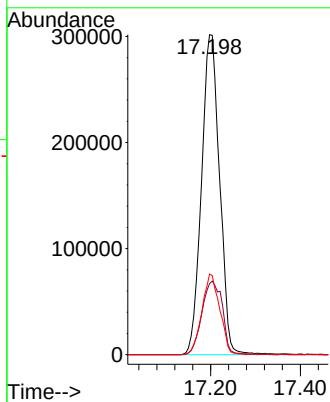
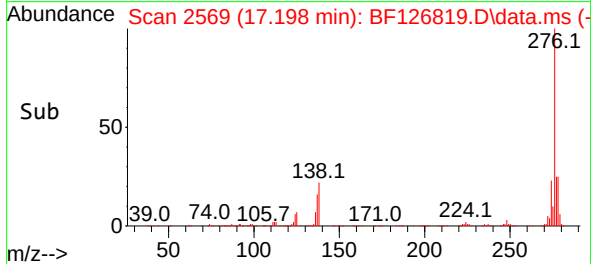
Instrument : BNA_F
 ClientSampleId : DB-09(25-30)-02-02-22MSD



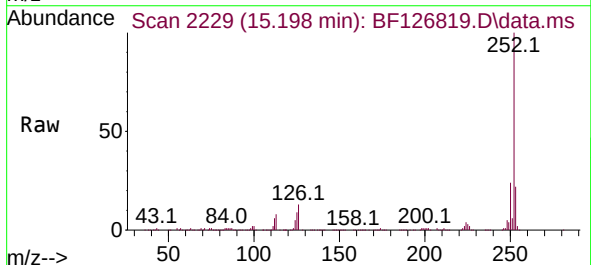
Tgt Ion:276 Resp: 846411
 Ion Ratio Lower Upper
 276 100
 138 26.0 29.2 43.8
 277 24.7 19.8 29.8

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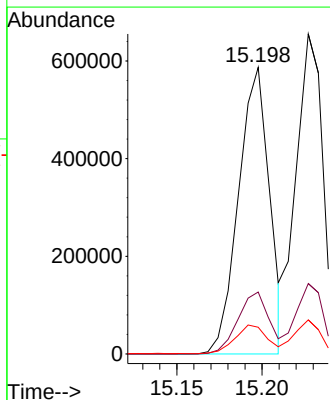
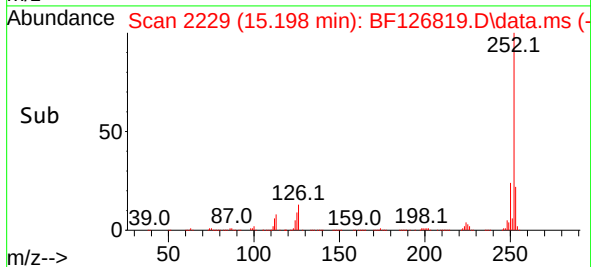
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

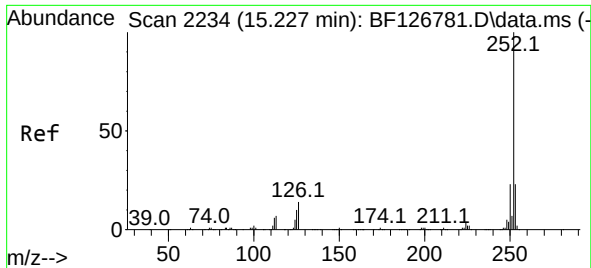


#88
 Benzo(b)fluoranthene
 Concen: 44.636 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. -0.000 min
 Lab File: BF126819.D
 Acq: 04 Feb 2022 18:59



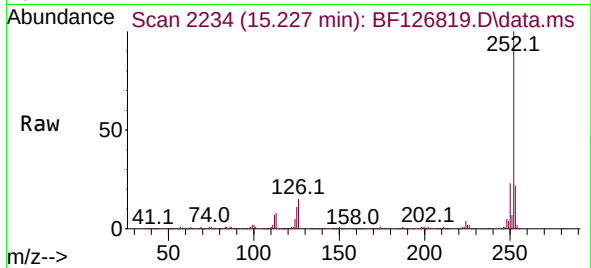
Tgt Ion:252 Resp: 740184
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.8 26.8
 125 9.3 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 44.234 ng
RT: 15.227 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

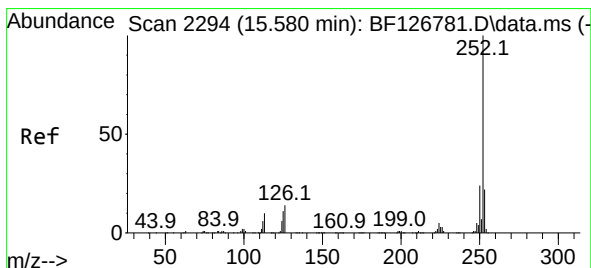
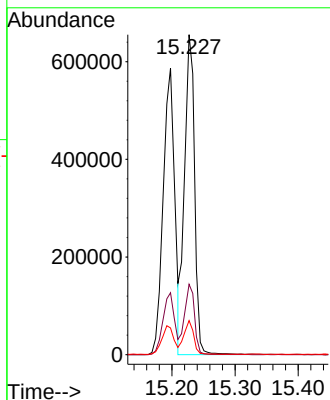
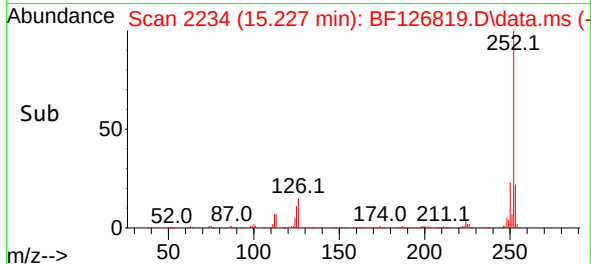
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MSD



Tgt Ion:252 Resp: 731700
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.7 11.8 17.6

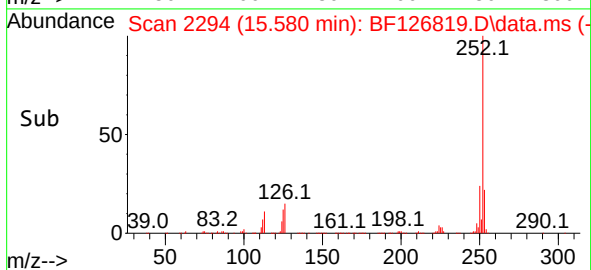
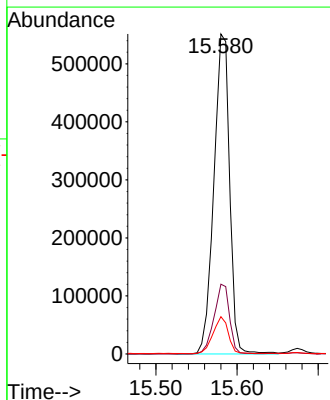
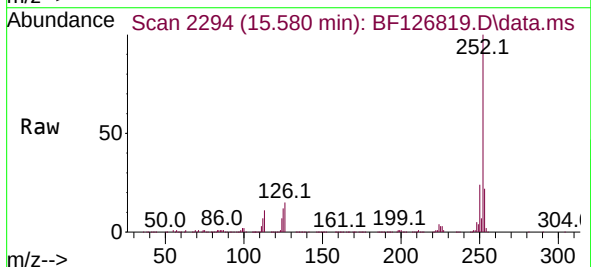
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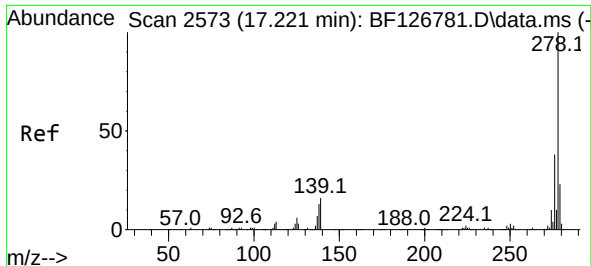
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#90
Benzo(a)pyrene
Concen: 56.286 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

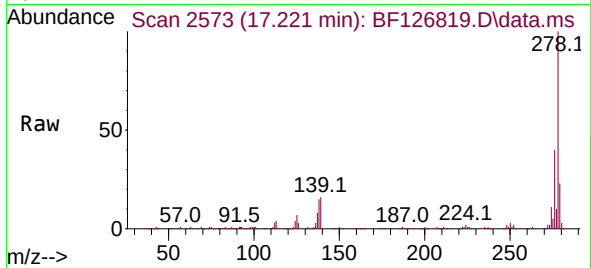
Tgt Ion:252 Resp: 744039
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.7 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 57.332 ng
RT: 17.221 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

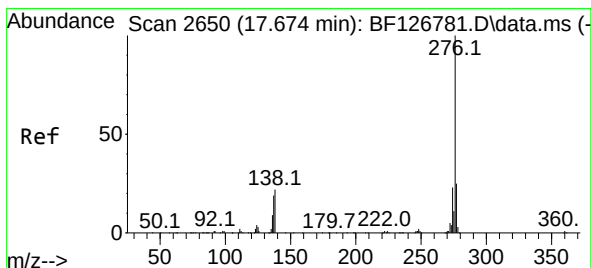
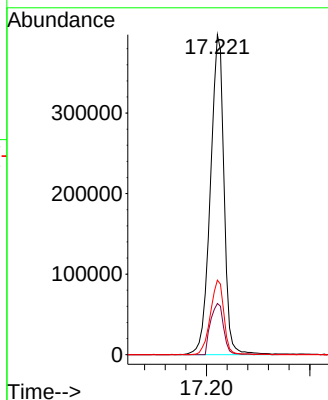
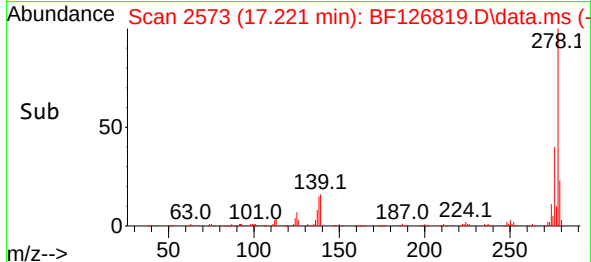
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD



Tgt Ion:278 Resp: 726400
Ion Ratio Lower Upper
278 100
139 16.0 18.0 27.0
279 23.3 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#92
Benzo(g,h,i)perylene
Concen: 58.567 ng
RT: 17.680 min Scan# 2651
Delta R.T. 0.006 min
Lab File: BF126819.D
Acq: 04 Feb 2022 18:59

Tgt Ion:276 Resp: 732915
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 22.2 25.9 38.9

