

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127719.D
 Acq On : 08 Apr 2022 17:56
 Operator : CG\JU
 Sample : N2317-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MSD

Quant Time: Apr 11 02:22:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	149947	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	547120	20.000	ng	# 0.00
39) Acenaphthene-d10	10.016	164	314550	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	550436	20.000	ng	0.00
76) Chrysene-d12	14.157	240	323707	20.000	ng	0.00
86) Perylene-d12	15.680	264	306656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	829271	89.864	ng	0.01
7) Phenol-d6	6.586	99	1090607	90.340	ng	0.00
23) Nitrobenzene-d5	7.533	82	777251	63.333	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	331785	99.121	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1282045	57.659	ng	0.00
79) Terphenyl-d14	13.092	244	1171509	59.736	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	166807	38.110	ng	85
3) Pyridine	3.669	79	431447	37.425	ng	85
4) n-Nitrosodimethylamine	3.645	42	252129	40.667	ng	# 97
6) Aniline	6.628	93	535852	37.216	ng	95
8) 2-Chlorophenol	6.751	128	442247	47.244	ng	93
9) Benzaldehyde	6.522	77	338991	59.565	ng	95
10) Phenol	6.604	94	543432	45.018	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	444445	44.583	ng	93
12) 1,3-Dichlorobenzene	6.904	146	469608	43.904	ng	100
13) 1,4-Dichlorobenzene	6.986	146	472534	43.703	ng	99
14) 1,2-Dichlorobenzene	7.133	146	460904	44.595	ng	98
15) Benzyl Alcohol	7.104	79	456404	43.245	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.233	45	648950	41.240	ng	98
17) 2-Methylphenol	7.210	107	370892	45.549	ng	98
18) Hexachloroethane	7.481	117	179843	43.589	ng	96
19) n-Nitroso-di-n-propyla...	7.381	70	336378	43.081	ng	94
20) 3+4-Methylphenols	7.363	107	453172	43.673	ng	# 67
22) Acetophenone	7.375	105	611132	41.568	ng	# 84
24) Nitrobenzene	7.551	77	530844	44.622	ng	99
25) Isophorone	7.786	82	974370	45.501	ng	99
26) 2-Nitrophenol	7.863	139	222931	52.144	ng	95
27) 2,4-Dimethylphenol	7.898	122	413479	49.397	ng	95
28) bis(2-Chloroethoxy)met...	7.998	93	552471	41.840	ng	99
29) 2,4-Dichlorophenol	8.104	162	400327	44.396	ng	97
30) 1,2,4-Trichlorobenzene	8.186	180	438946	42.297	ng	97
31) Naphthalene	8.275	128	1227088	42.802	ng	98
32) Benzoic acid	8.028	122	305614	50.324	ng	93
33) 4-Chloroaniline	8.316	127	164380	14.559	ng	97
34) Hexachlorobutadiene	8.386	225	299981	42.022	ng	99
35) Caprolactam	8.698	113	122090m	45.811	ng	
36) 4-Chloro-3-methylphenol	8.798	107	417547	44.168	ng	99
37) 2-Methylnaphthalene	8.969	142	837025	43.652	ng	100
38) 1-Methylnaphthalene	9.069	142	795287	42.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	441263	42.770	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	588486	94.693	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	304134	43.421	ng	97

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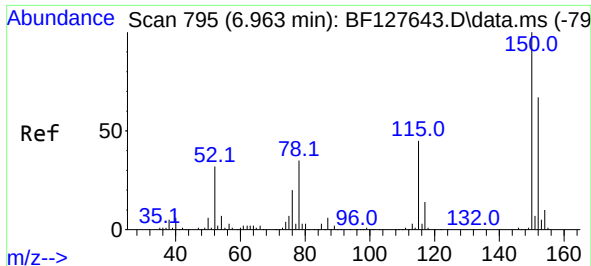
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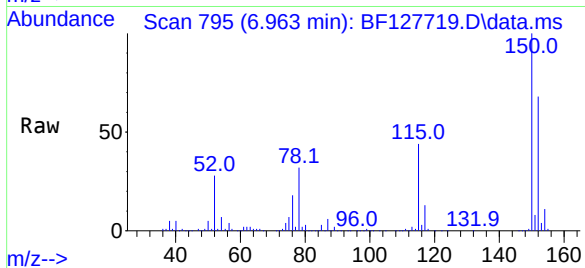
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.280	196	307978	43.575	ng	96
46) 1,1'-Biphenyl	9.433	154	1026786	42.683	ng	98
47) 2-Chloronaphthalene	9.457	162	809594	42.349	ng	98
48) 2-Nitroaniline	9.557	65	280052	47.167	ng	89
49) Acenaphthylene	9.880	152	1301423	44.756	ng	99
50) Dimethylphthalate	9.733	163	964622	42.308	ng	99
51) 2,6-Dinitrotoluene	9.798	165	211900	49.305	ng	88
52) Acenaphthene	10.051	154	851819	46.497	ng	98
53) 3-Nitroaniline	9.969	138	133222	29.342	ng	90
54) 2,4-Dinitrophenol	10.069	184	202093	93.887	ng	89
55) Dibenzofuran	10.222	168	1112315	41.608	ng	96
56) 4-Nitrophenol	10.121	139	313693	87.963	ng	88
57) 2,4-Dinitrotoluene	10.204	165	276014	51.801	ng	# 80
58) Fluorene	10.569	166	837447	42.397	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	266885	43.334	ng	100
60) Diethylphthalate	10.433	149	906939	41.568	ng	98
61) 4-Chlorophenyl-phenyle...	10.557	204	448945	41.366	ng	99
62) 4-Nitroaniline	10.586	138	192875m	45.105	ng	
63) Azobenzene	10.716	77	948591	38.908	ng	97
65) 4,6-Dinitro-2-methylph...	10.610	198	131402	49.425	ng	# 80
66) n-Nitrosodiphenylamine	10.674	169	750621	43.299	ng	98
67) 4-Bromophenyl-phenylether	11.051	248	296993	44.458	ng	98
68) Hexachlorobenzene	11.110	284	334662	45.828	ng	96
69) Atrazine	11.204	200	269401	46.773	ng	96
70) Pentachlorophenol	11.304	266	375913	86.189	ng	98
71) Phenanthrene	11.533	178	1229733	42.166	ng	98
72) Anthracene	11.586	178	1250232	43.338	ng	98
73) Carbazole	11.739	167	1073698	39.720	ng	99
74) Di-n-butylphthalate	12.063	149	1307593	40.465	ng	99
75) Fluoranthene	12.727	202	1255032	39.436	ng	99
77) Benzidine	12.845	184	393776	46.606	ng	98
78) Pyrene	12.957	202	1250081	45.732	ng	99
80) Butylbenzylphthalate	13.568	149	444633	43.687	ng	95
81) Benzo(a)anthracene	14.145	228	969904	44.861	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	191328	28.386	ng	99
83) Chrysene	14.186	228	892591	43.010	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	575059	40.085	ng	98
85) Di-n-octyl phthalate	14.751	149	860251	41.011	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.250	276	925775	48.319	ng	99
88) Benzo(b)fluoranthene	15.227	252	916565	46.462	ng	99
89) Benzo(k)fluoranthene	15.262	252	808488	41.322	ng	97
90) Benzo(a)pyrene	15.621	252	849423	52.976	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	790196	50.902	ng	97
92) Benzo(g,h,i)perylene	17.733	276	803812	50.507	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

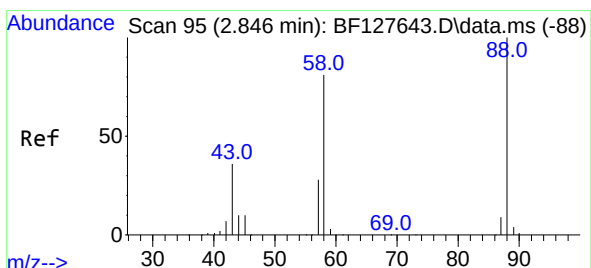
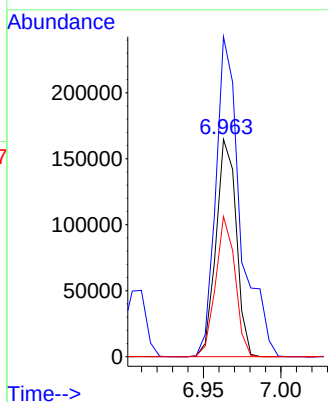
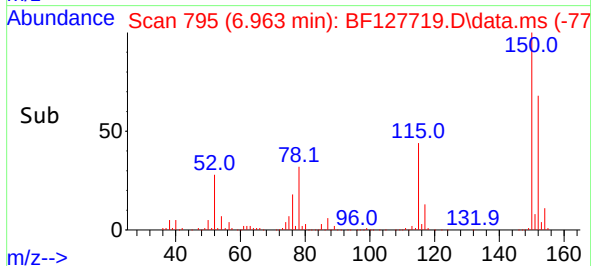
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



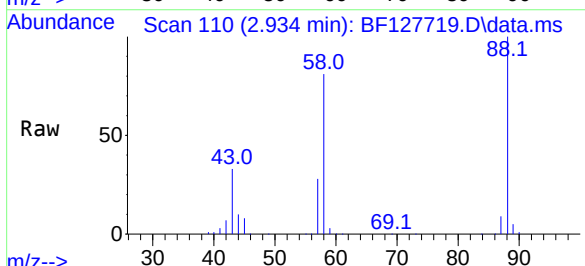
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Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 64.5 49.8 74.6

Manual Integrations
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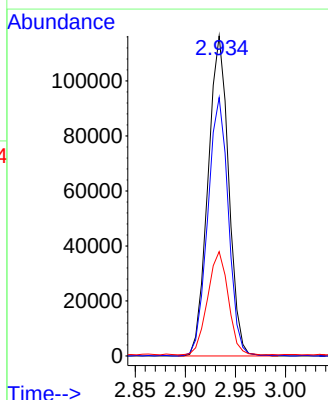
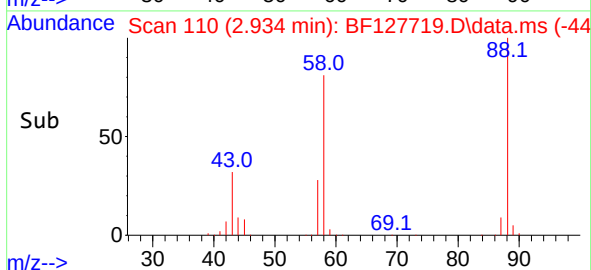
Reviewed By :Christian Giraldo 04/11/2022
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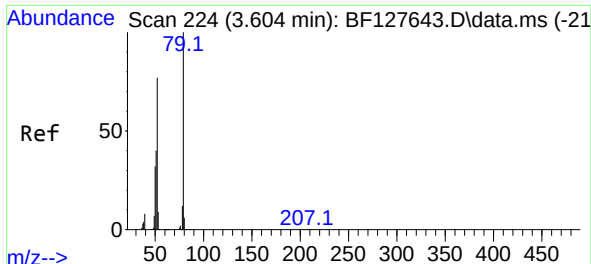


#2
1,4-Dioxane
Concen: 38.110 ng
RT: 2.934 min Scan# 110
Delta R.T. 0.088 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion: 88 Resp: 166807
Ion Ratio Lower Upper
88 100
58 80.6 77.0 115.4
43 32.3 31.3 46.9





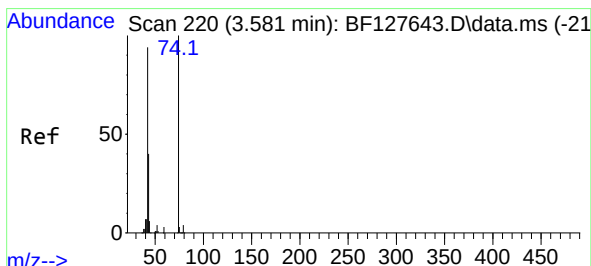
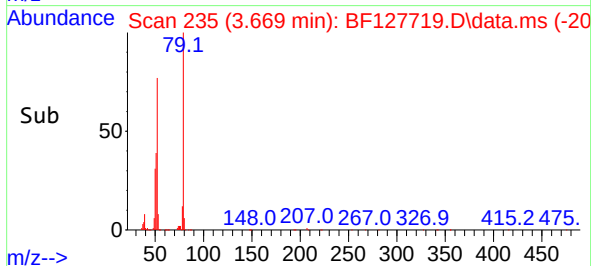
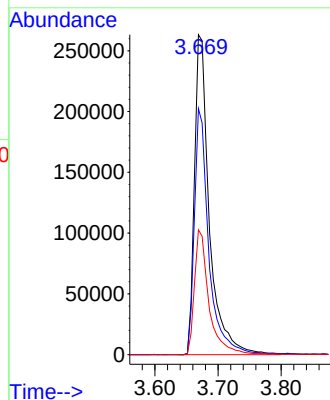
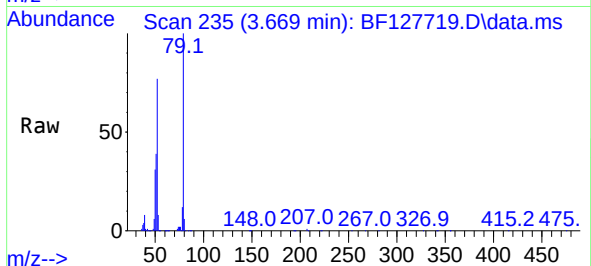
#3
Pyridine
Concen: 37.425 ng
RT: 3.669 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD

Tgt Ion: 79 Resp: 43144
Ion Ratio Lower Upper
79 100
52 76.9 74.2 111.4
51 39.0 36.7 55.1

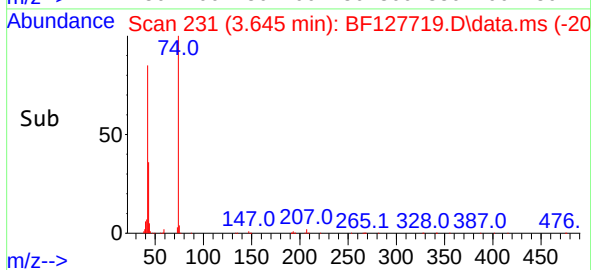
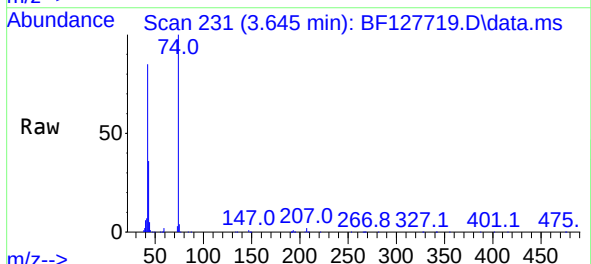
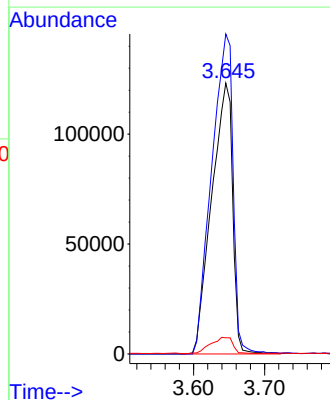
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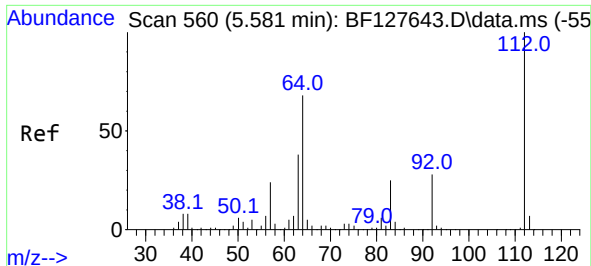
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#4
n-Nitrosodimethylamine
Concen: 40.667 ng
RT: 3.645 min Scan# 231
Delta R.T. 0.065 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 42 Resp: 252129
Ion Ratio Lower Upper
42 100
74 118.1 92.4 138.6
44 6.0 6.0 9.0#





#5
2-Fluorophenol
Concen: 89.864 ng
RT: 5.592 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

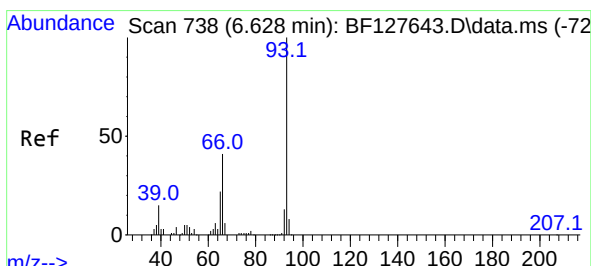
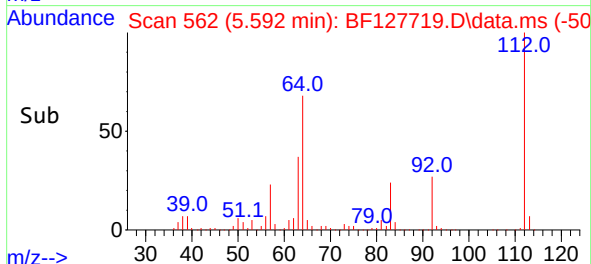
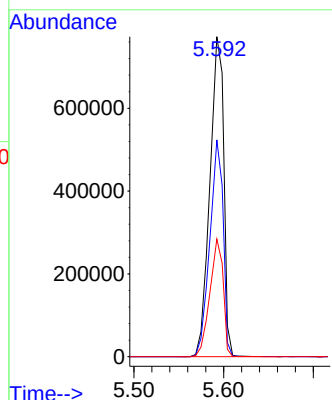
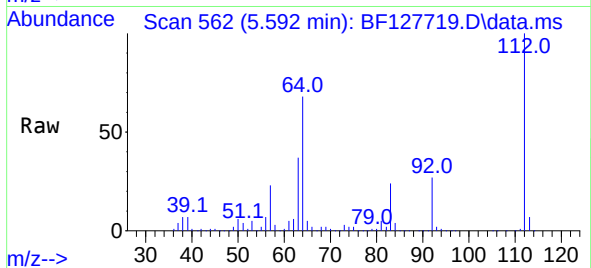
NORTH-3MSD

Tgt Ion:112 Resp: 82927
Ion Ratio Lower Upper
112 100
64 67.8 58.4 87.6
63 36.8 30.1 45.1

Manual Integrations

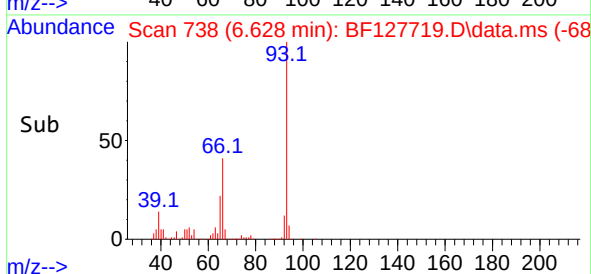
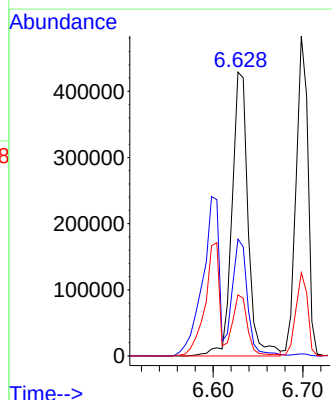
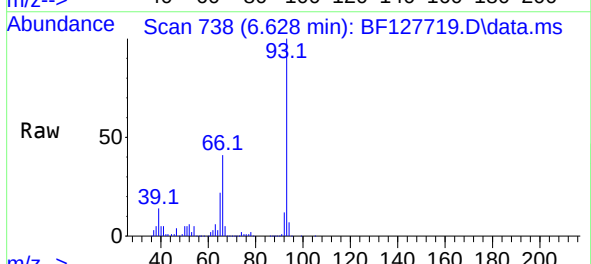
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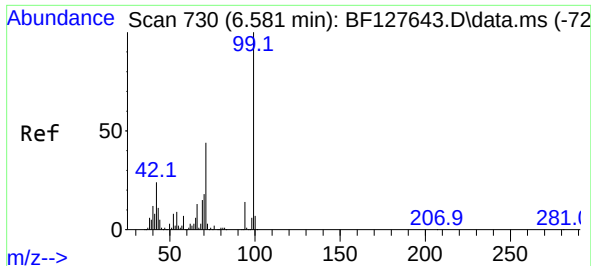
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#6
Aniline
Concen: 37.216 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

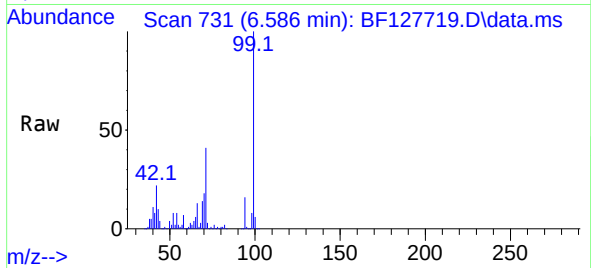
Tgt Ion: 93 Resp: 535852
Ion Ratio Lower Upper
93 100
66 41.1 36.2 54.4
65 21.6 18.4 27.6





#7
Phenol-d6
Concen: 90.340 ng
RT: 6.586 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

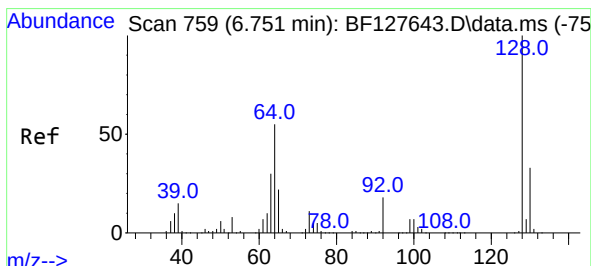
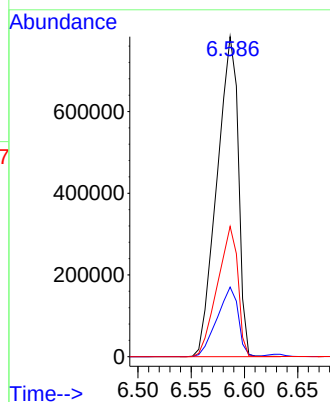
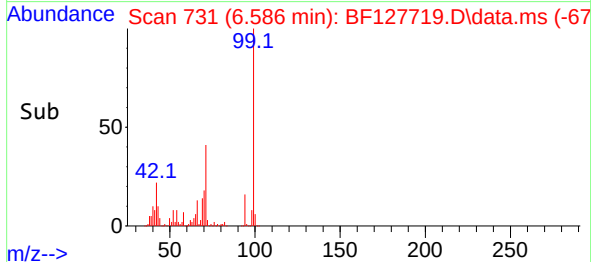
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ClientSampleId :
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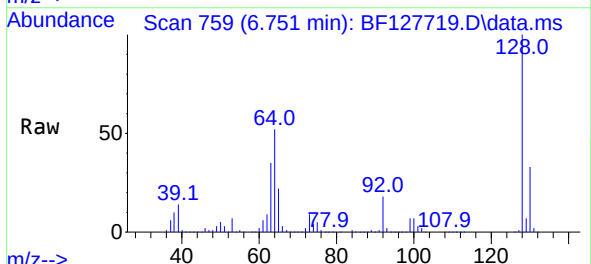
Tgt Ion: 99 Resp: 109060
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 40.7 29.6 44.4

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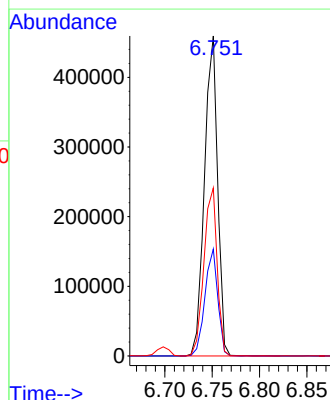
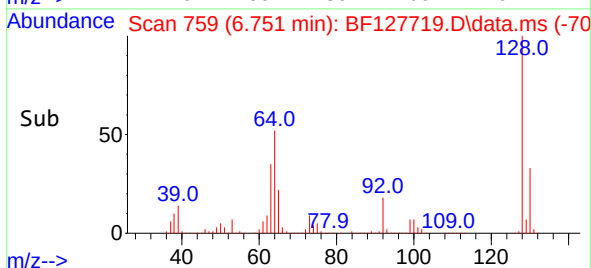
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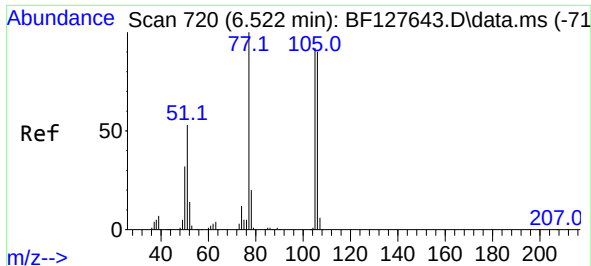


#8
2-Chlorophenol
Concen: 47.244 ng
RT: 6.751 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



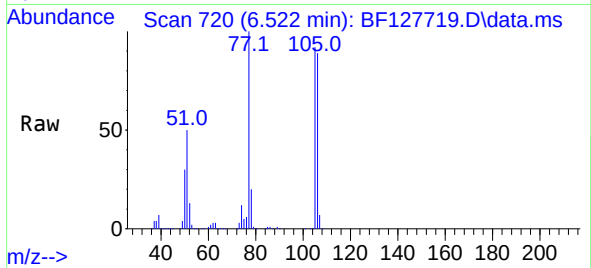
Tgt Ion:128 Resp: 442247
Ion Ratio Lower Upper
128 100
130 33.4 11.3 51.3
64 52.5 38.4 78.4





#9
Benzaldehyde
Concen: 59.565 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

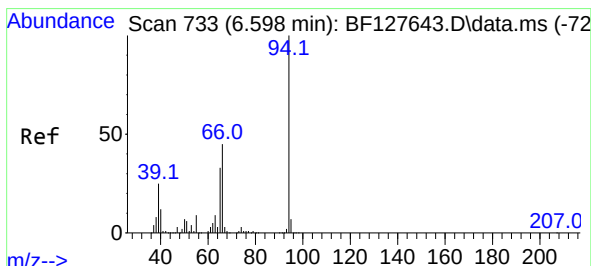
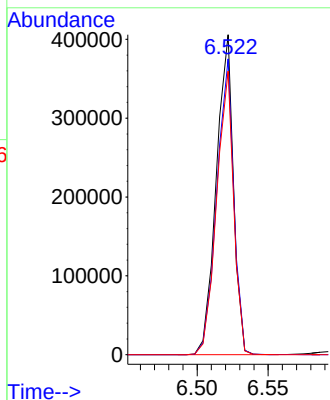
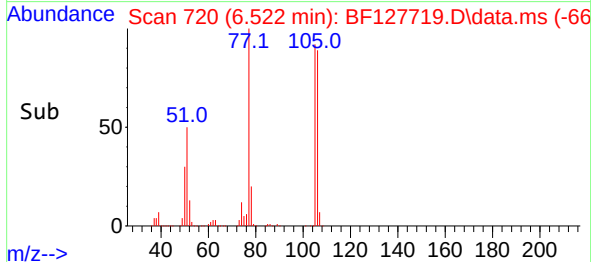
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NORTH-3MSD



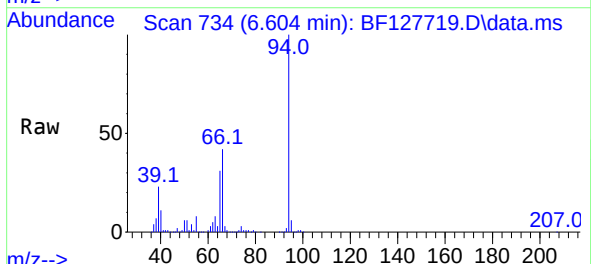
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Ion Ratio Lower Upper
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105 92.4 66.8 106.8
106 88.6 64.3 104.3

Manual Integrations
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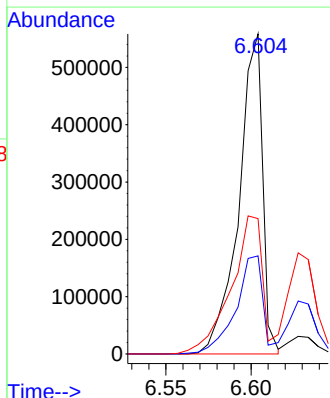
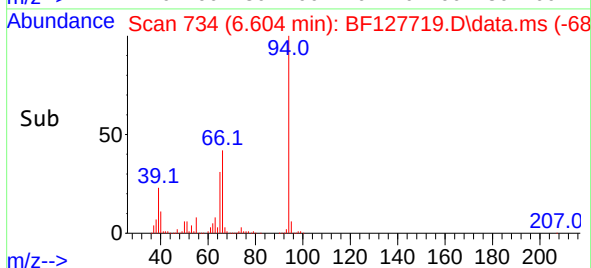
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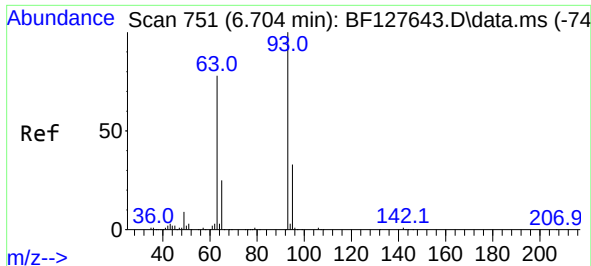


#10
Phenol
Concen: 45.018 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



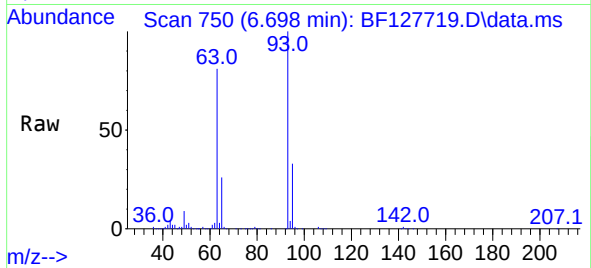
Tgt Ion: 94 Resp: 543432
Ion Ratio Lower Upper
94 100
65 30.6 13.1 53.1
66 42.3 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 44.583 ng
RT: 6.698 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

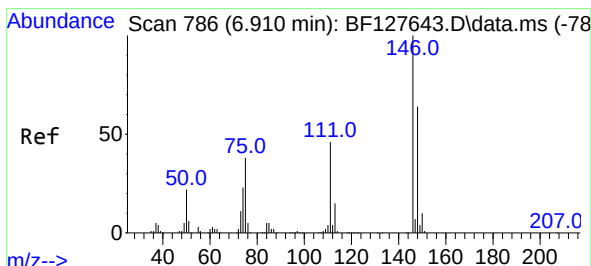
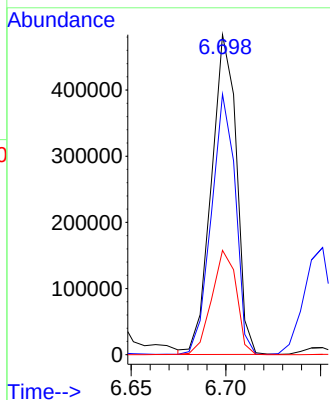
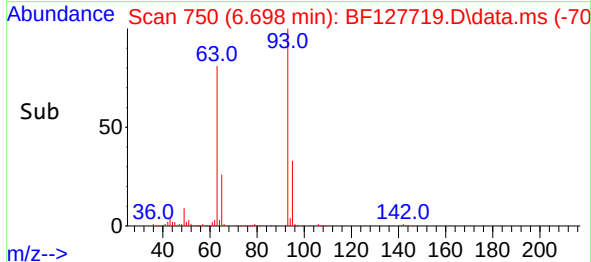
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



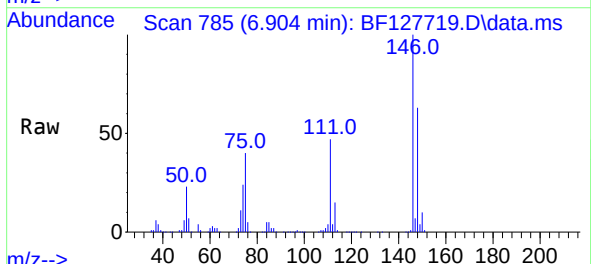
Tgt Ion: 93 Resp: 444444
Ion Ratio Lower Upper
93 100
63 81.4 69.6 109.6
95 32.6 11.6 51.6

Manual Integrations
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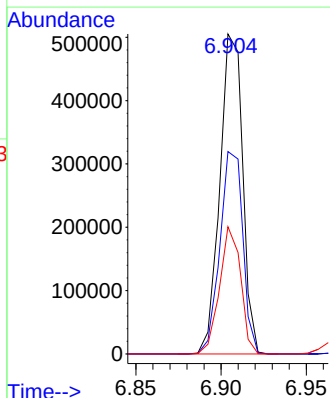
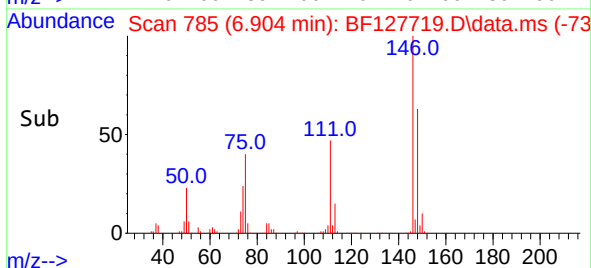
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

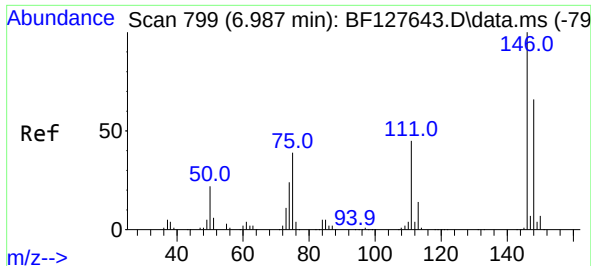


#12
1,3-Dichlorobenzene
Concen: 43.904 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



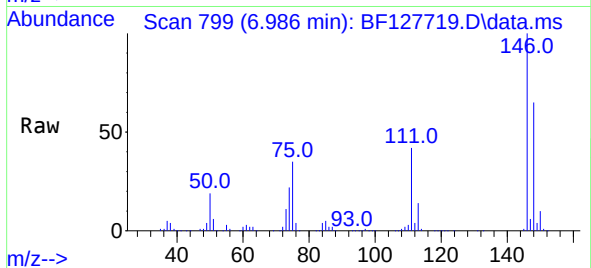
Tgt Ion:146 Resp: 469608
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 39.8 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 43.703 ng
RT: 6.986 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

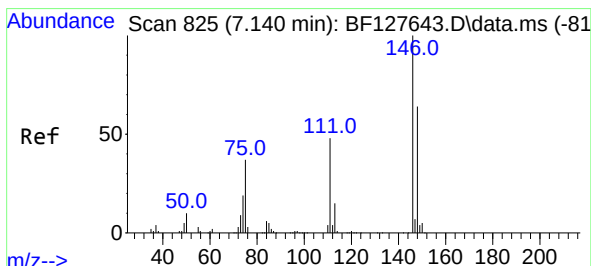
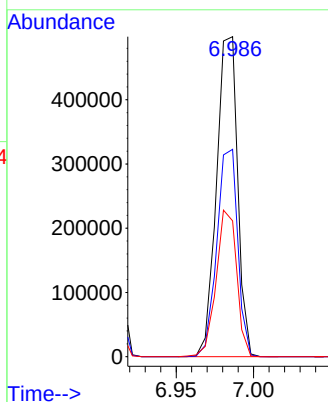
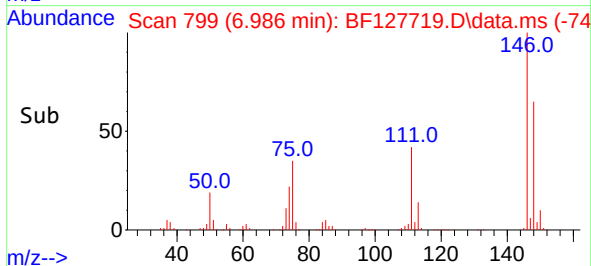
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



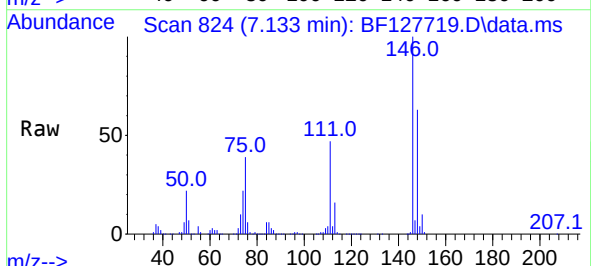
Tgt Ion:146 Resp: 472534
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 42.4 34.2 51.4

Manual Integrations
APPROVED

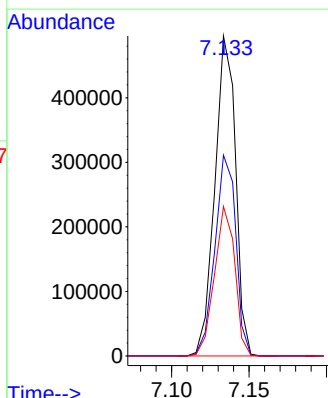
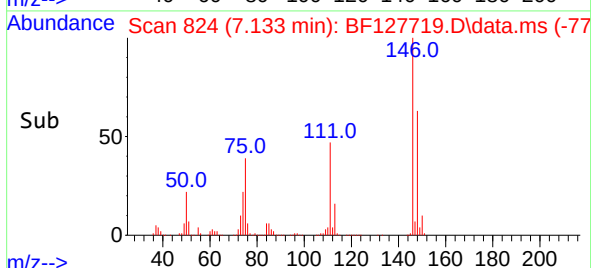
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

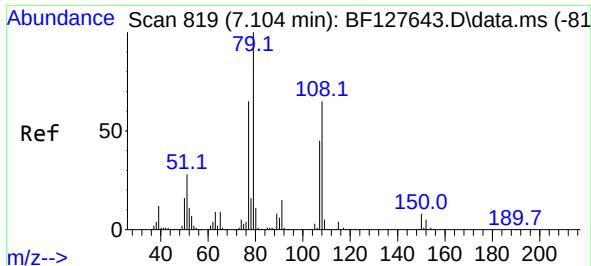


#14
1,2-Dichlorobenzene
Concen: 44.595 ng
RT: 7.133 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:146 Resp: 460904
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 46.7 36.4 54.6





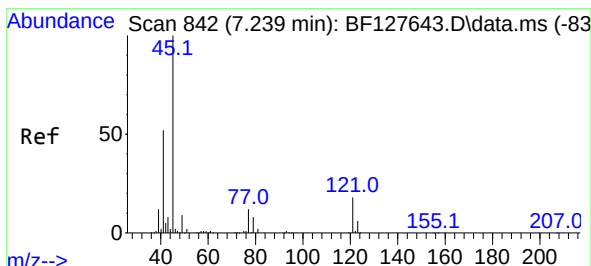
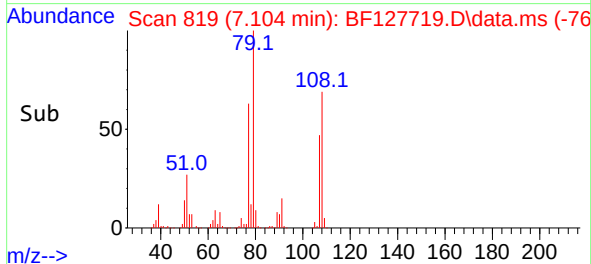
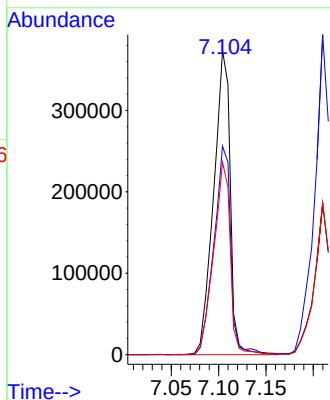
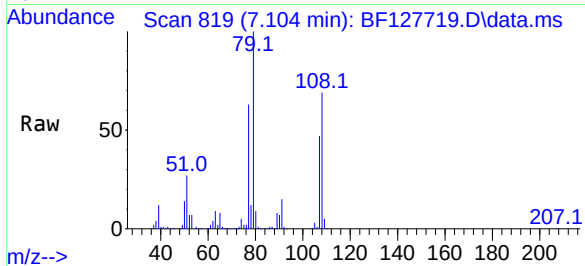
#15
Benzyl Alcohol
Concen: 43.245 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD

Tgt Ion: 79 Resp: 456404
Ion Ratio Lower Upper
79 100
108 68.5 52.2 78.2
77 63.2 48.3 72.5

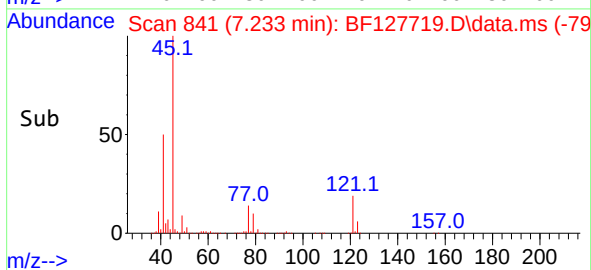
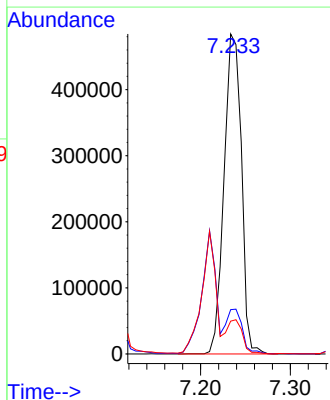
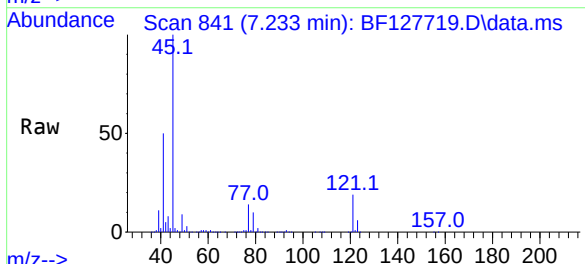
Manual Integrations
APPROVED

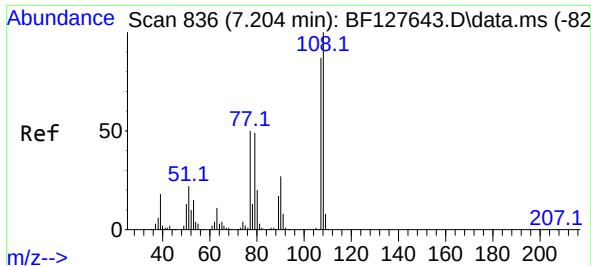
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.240 ng
RT: 7.233 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

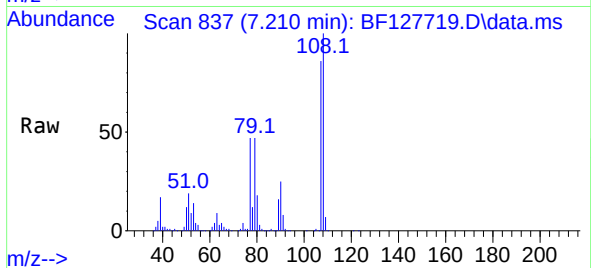
Tgt Ion: 45 Resp: 648950
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.2 0.0 29.9





#17
2-Methylphenol
Concen: 45.549 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

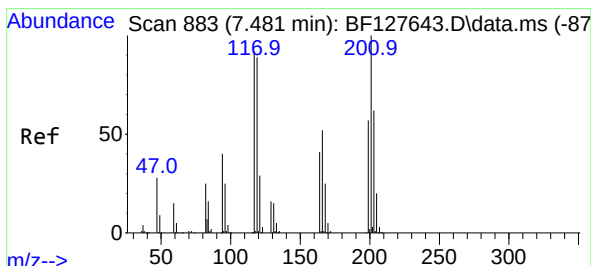
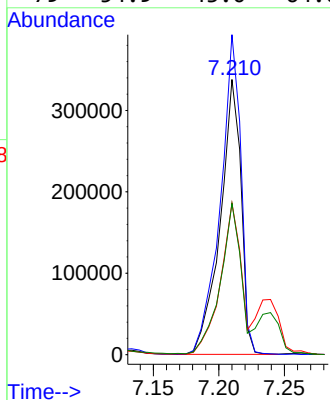
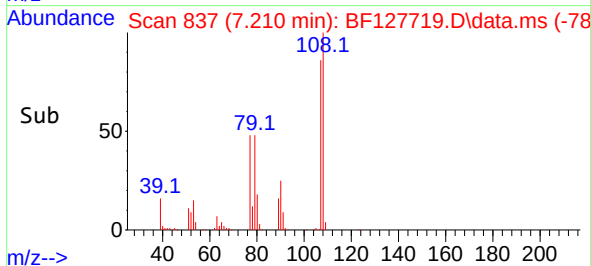
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



Tgt Ion:107 Resp: 370892
Ion Ratio Lower Upper
107 100
108 116.3 90.7 136.1
77 55.1 42.9 64.3
79 54.9 43.0 64.6

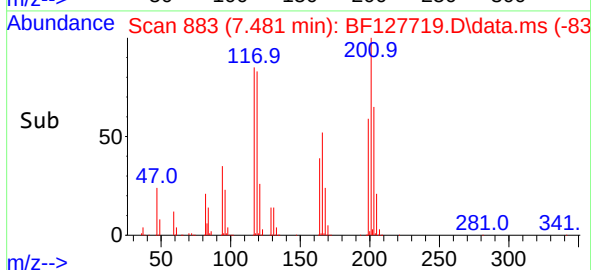
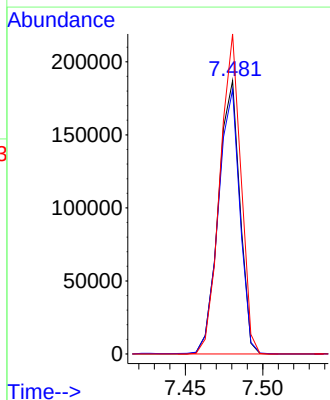
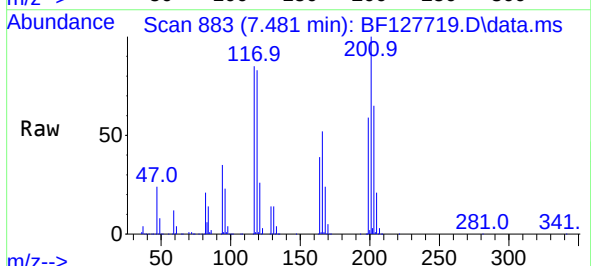
Manual Integrations
APPROVED

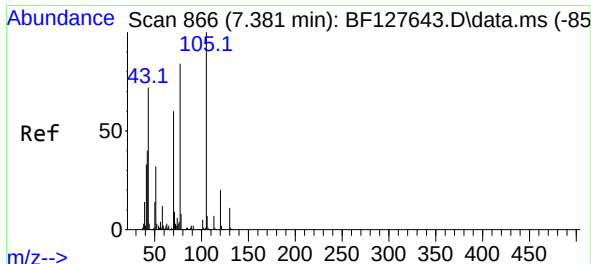
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#18
Hexachloroethane
Concen: 43.589 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

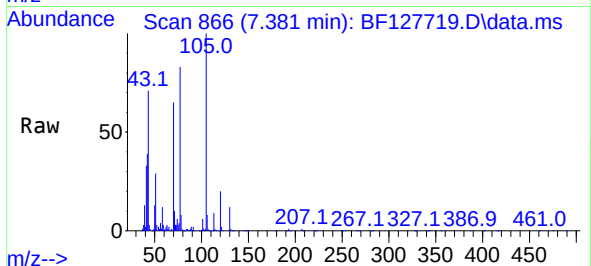
Tgt Ion:117 Resp: 179843
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 117.1 88.2 132.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.081 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

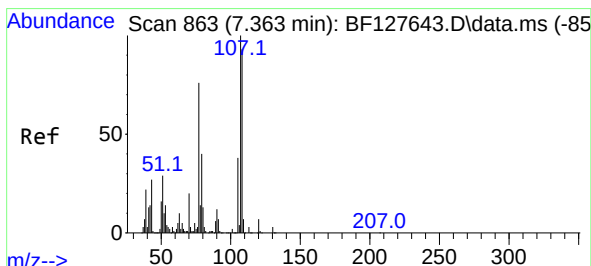
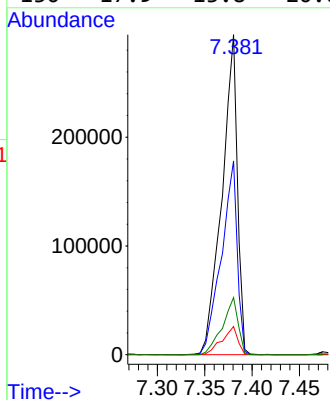
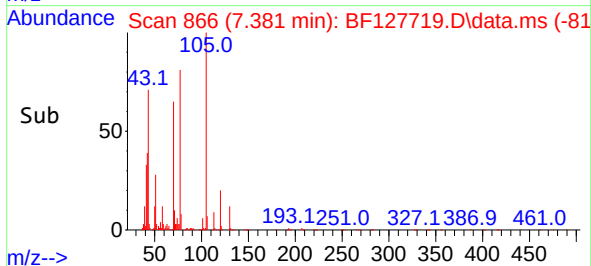
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



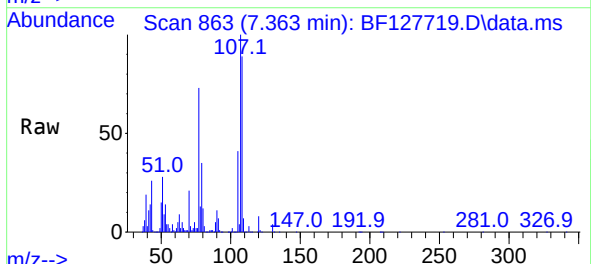
Tgt Ion: 70 Resp: 336378
Ion Ratio Lower Upper
70 100
42 60.6 53.0 79.6
101 8.8 6.8 10.2
130 17.9 13.8 20.6

Manual Integrations
APPROVED

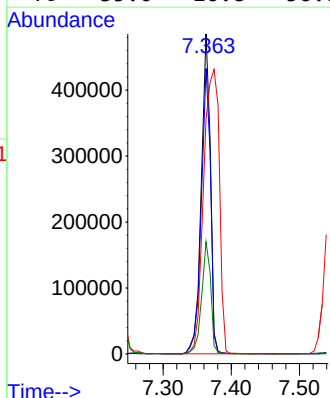
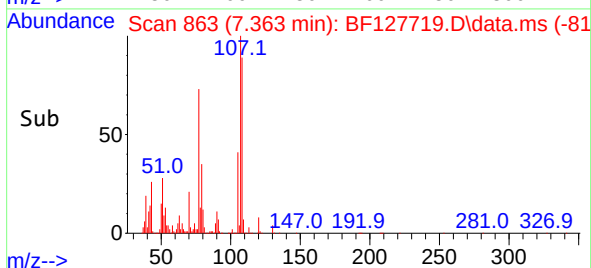
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

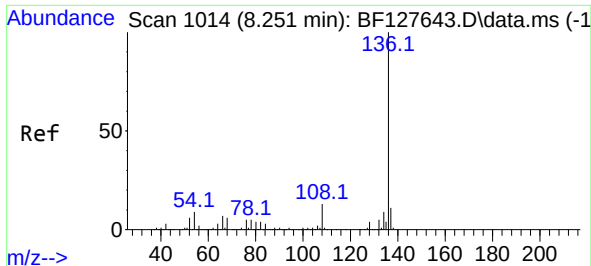


#20
3+4-Methylphenols
Concen: 43.673 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:107 Resp: 453172
Ion Ratio Lower Upper
107 100
108 89.3 70.7 110.7
77 73.4 127.9 167.9#
79 35.0 16.8 56.8





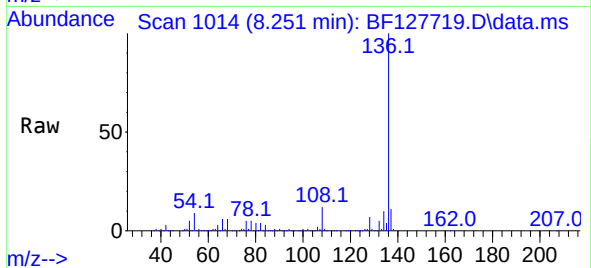
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

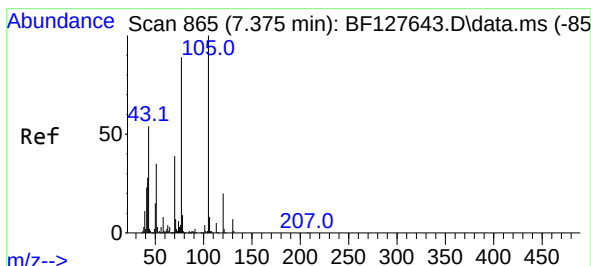
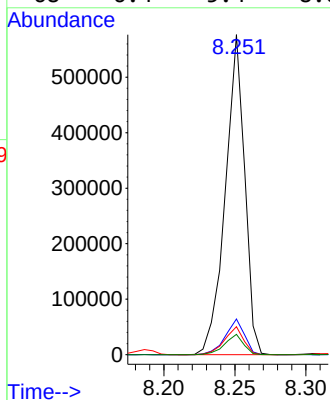
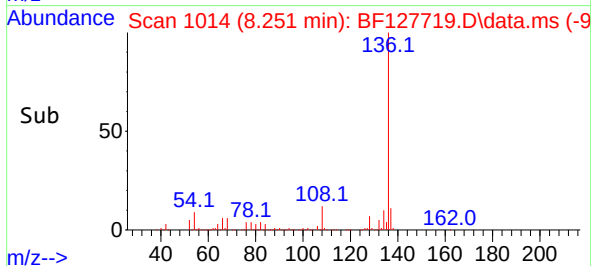


Tgt Ion:136 Resp: 547120
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.7 9.2 13.8
68 6.4 5.4 8.0

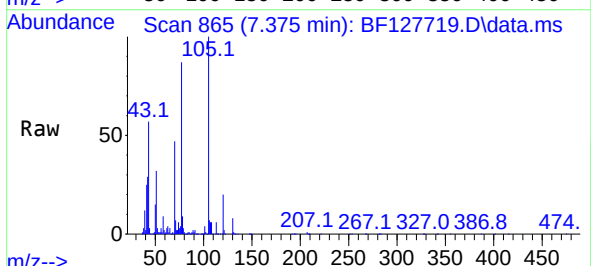
Manual Integrations

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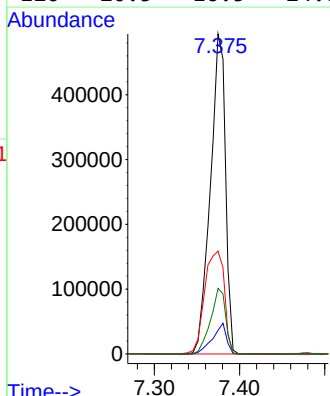
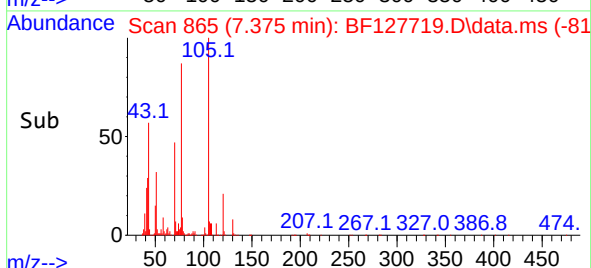
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

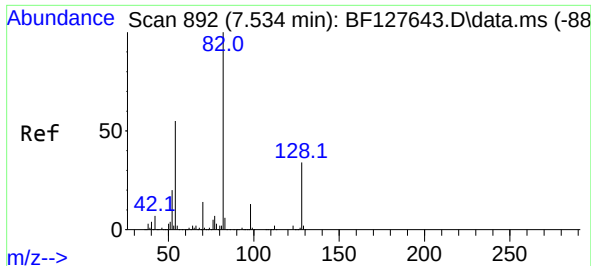


#22
Acetophenone
Concen: 41.568 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:105 Resp: 611132
Ion Ratio Lower Upper
105 100
71 7.4 7.3 10.9
51 32.1 38.8 58.2
120 20.5 16.5 24.7





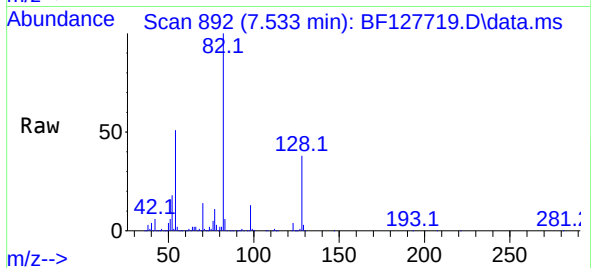
#23
Nitrobenzene-d5
Concen: 63.333 ng
RT: 7.533 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

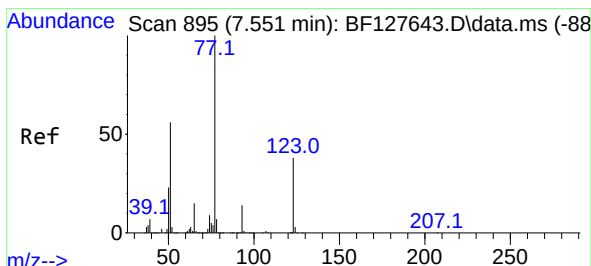
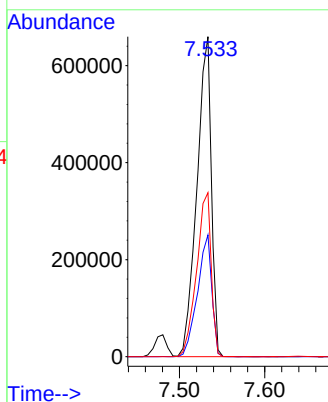
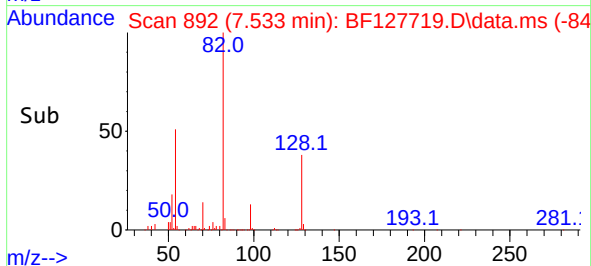


Tgt Ion: 82 Resp: 77725
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 51.3 48.2 72.2

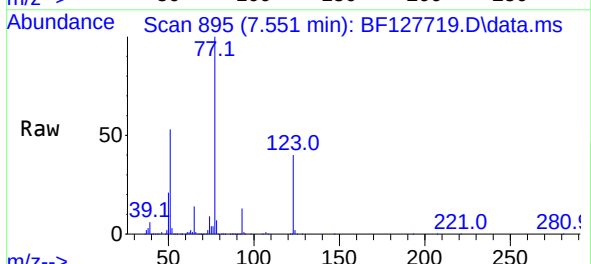
Manual Integrations

APPROVED

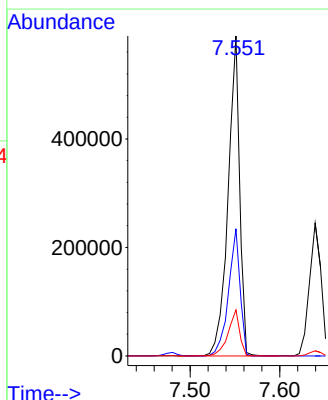
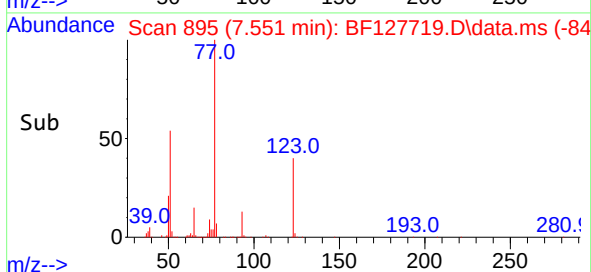
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

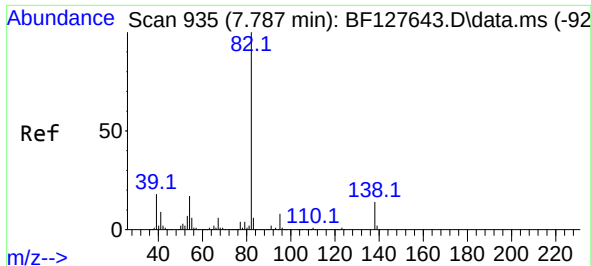


#24
Nitrobenzene
Concen: 44.622 ng
RT: 7.551 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion: 77 Resp: 530844
Ion Ratio Lower Upper
77 100
123 39.7 32.0 48.0
65 14.4 12.2 18.2





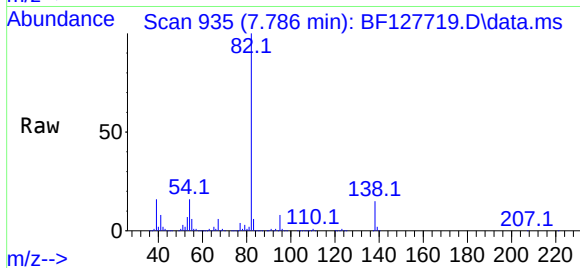
#25
Isophorone
Concen: 45.501 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

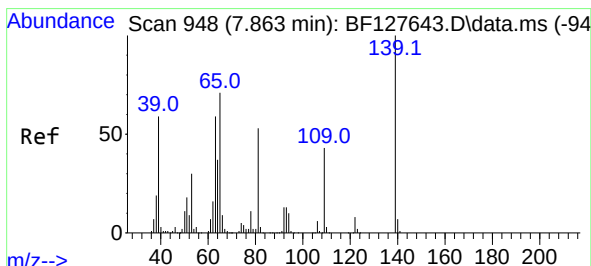
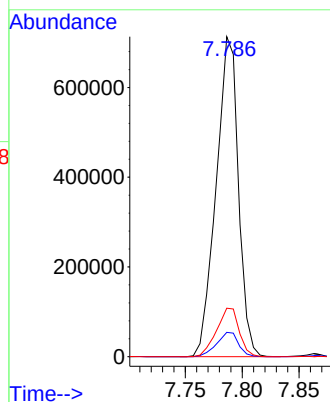
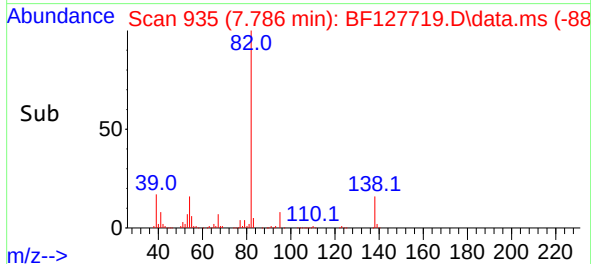


Tgt Ion: 82 Resp: 974370
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 15.2 11.6 17.4

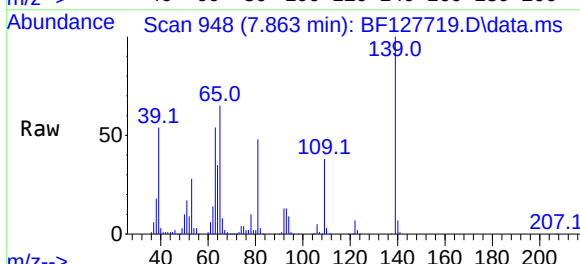
Manual Integrations

APPROVED

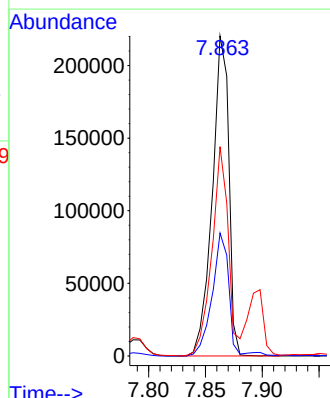
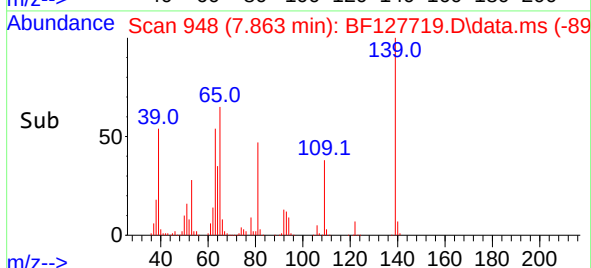
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

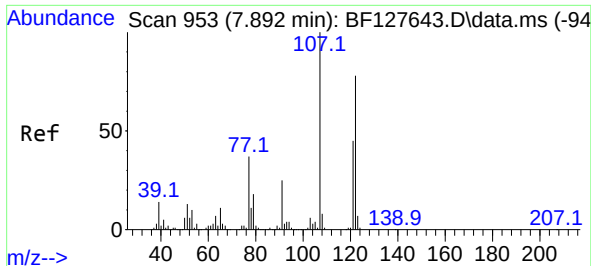


#26
2-Nitrophenol
Concen: 52.144 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



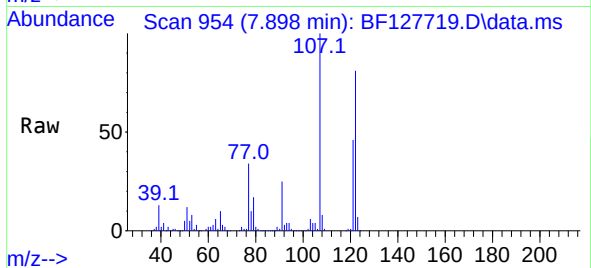
Tgt Ion:139 Resp: 222931
Ion Ratio Lower Upper
139 100
109 38.4 28.2 42.2
65 65.4 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 49.397 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

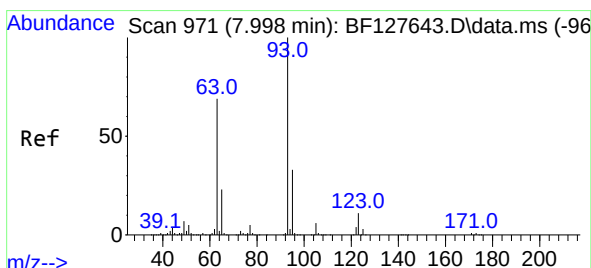
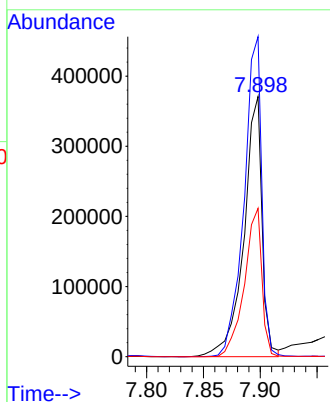
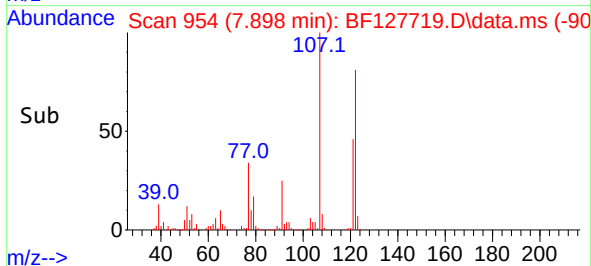
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



Tgt Ion:122 Resp: 413479
Ion Ratio Lower Upper
122 100
107 123.0 93.0 139.4
121 57.0 44.9 67.3

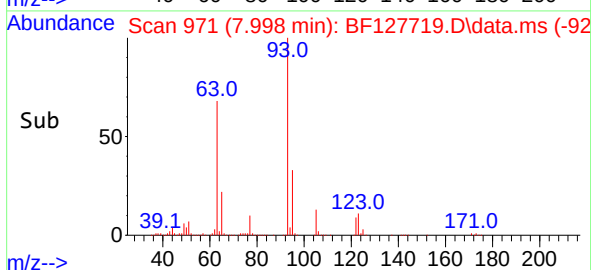
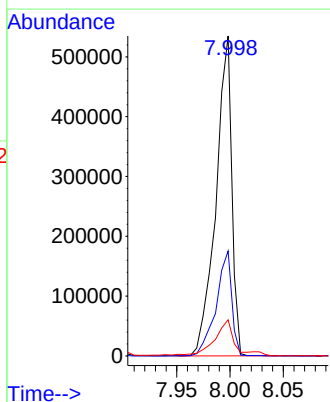
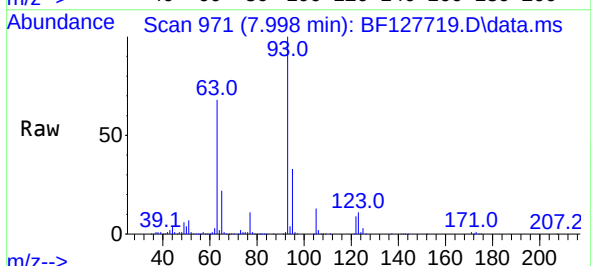
Manual Integrations
APPROVED

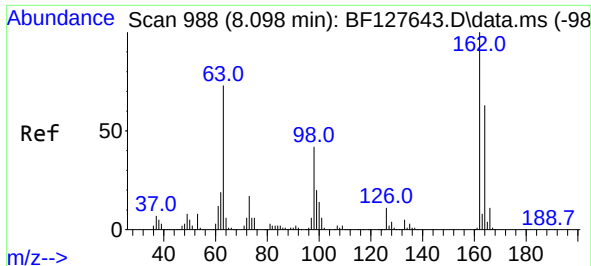
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.840 ng
RT: 7.998 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Tgt Ion: 93 Resp: 552471
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.3 8.0 12.0





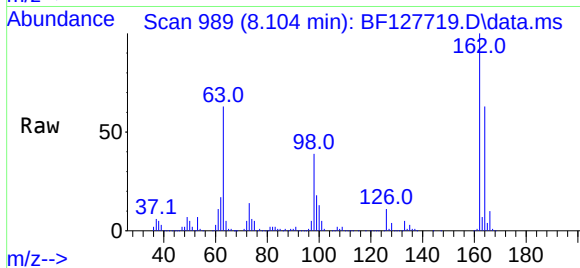
#29
2,4-Dichlorophenol
Concen: 44.396 ng
RT: 8.104 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

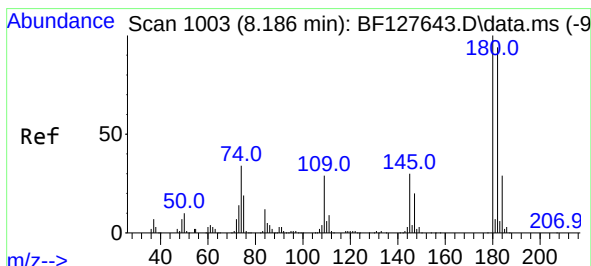
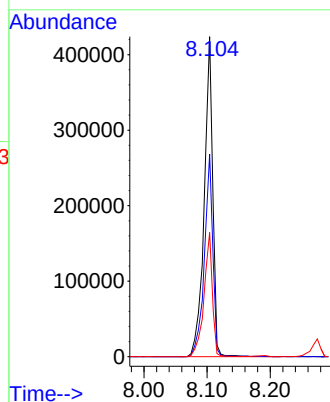
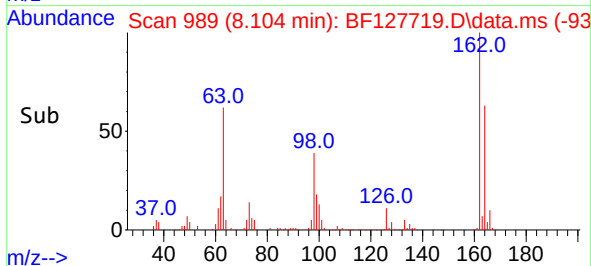


Tgt Ion:162 Resp: 400327
Ion Ratio Lower Upper
162 100
164 63.3 43.7 83.7
98 38.8 23.5 63.5

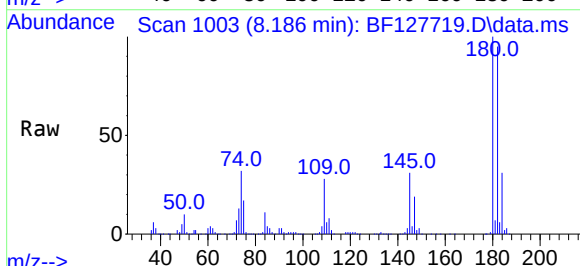
Manual Integrations

APPROVED

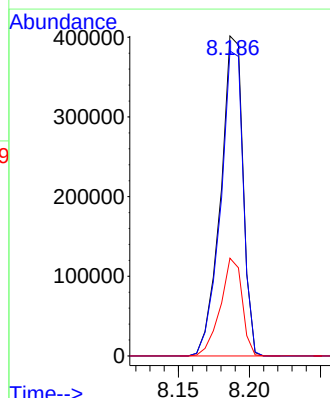
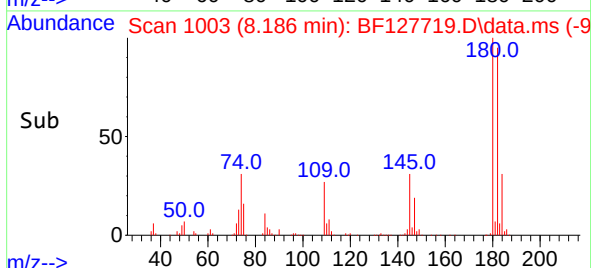
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

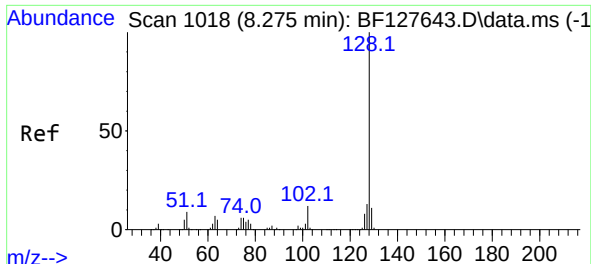


#30
1,2,4-Trichlorobenzene
Concen: 42.297 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:180 Resp: 438946
Ion Ratio Lower Upper
180 100
182 95.3 73.8 110.6
145 30.5 23.3 34.9





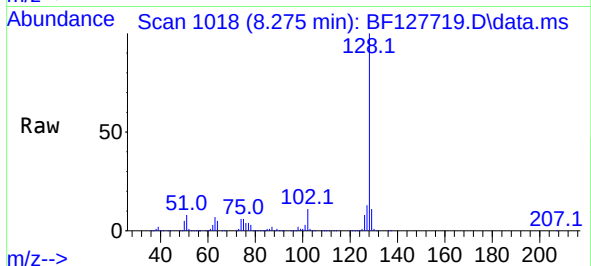
#31
Naphthalene
Concen: 42.802 ng
RT: 8.275 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

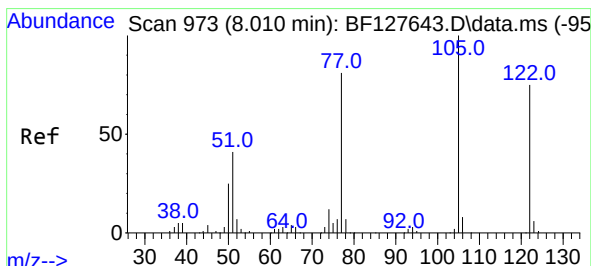
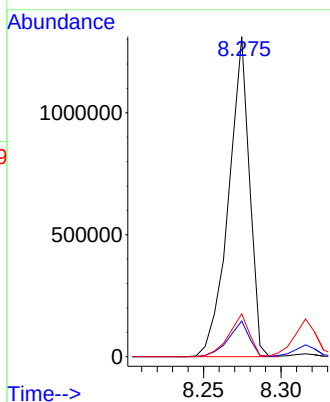
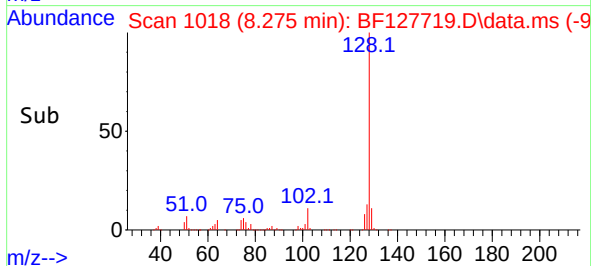


Tgt Ion:128 Resp: 1227088
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 10.2 15.2

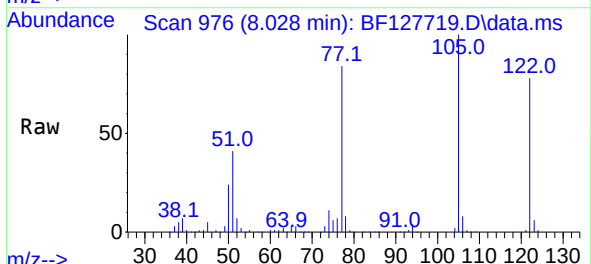
Manual Integrations

APPROVED

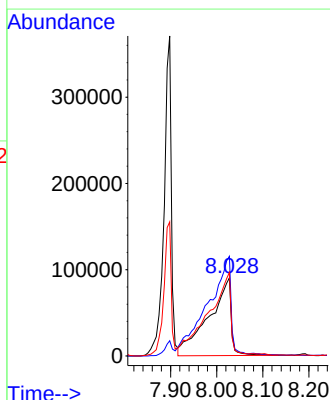
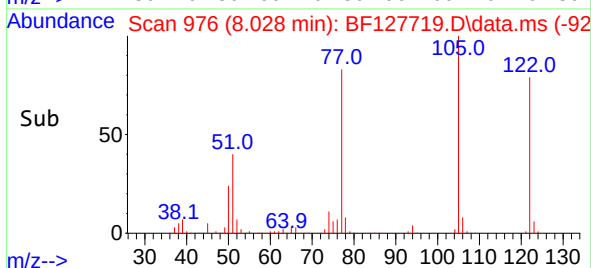
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

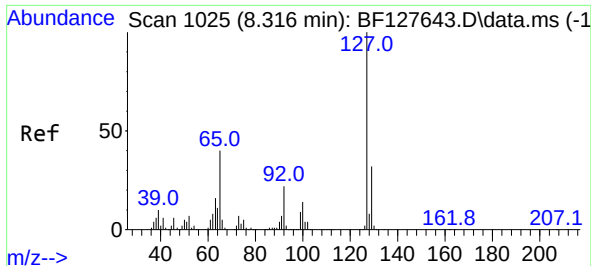


#32
Benzoic acid
Concen: 50.324 ng
RT: 8.028 min Scan# 976
Delta R.T. 0.018 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:122 Resp: 305614
Ion Ratio Lower Upper
122 100
105 127.5 117.1 157.1
77 106.8 93.0 133.0





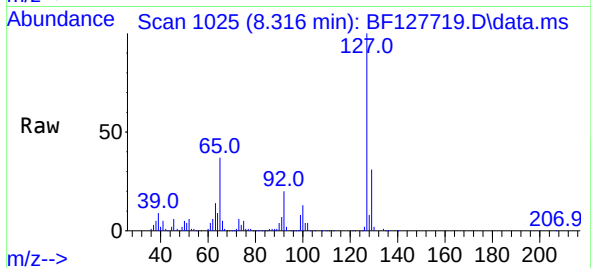
#33
4-Chloroaniline
Concen: 14.559 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

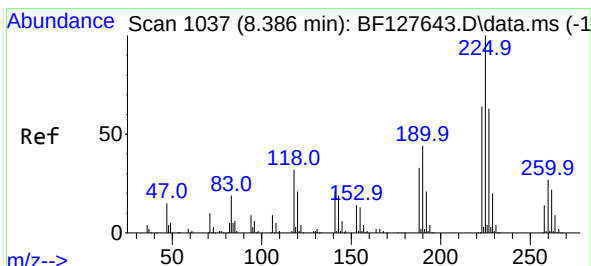
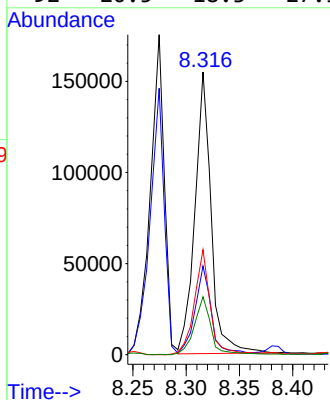
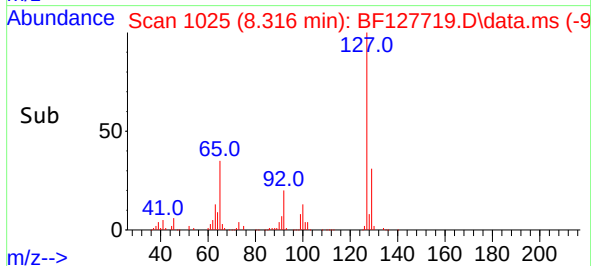


Tgt Ion:127 Resp: 164380
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9
65 37.1 31.4 47.0
92 20.5 18.3 27.5

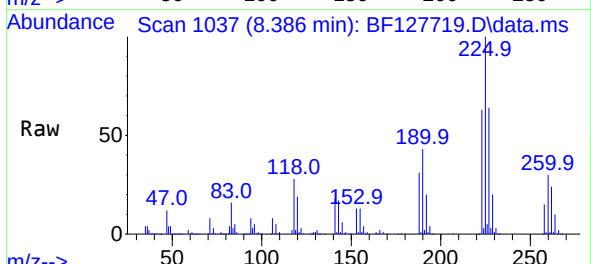
Manual Integrations

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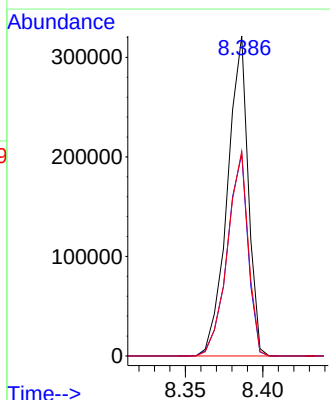
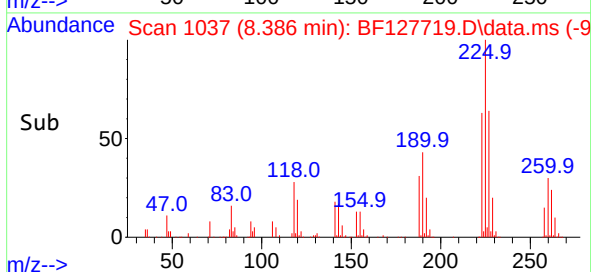
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

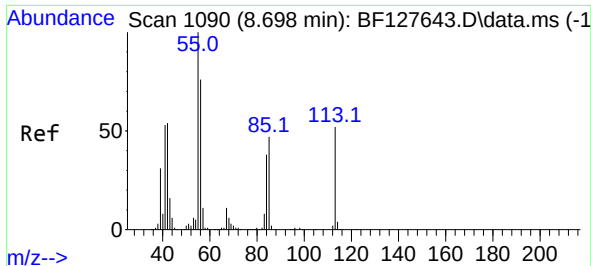


#34
Hexachlorobutadiene
Concen: 42.022 ng
RT: 8.386 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



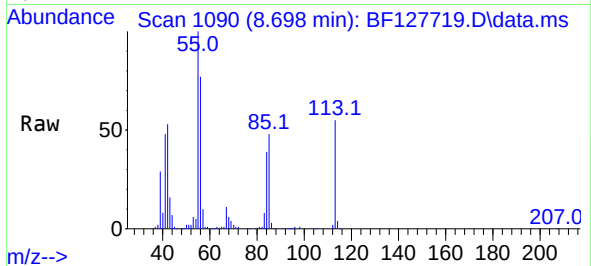
Tgt Ion:225 Resp: 299981
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 64.0 49.6 74.4





#35
Caprolactam
Concen: 45.811 ng m
RT: 8.698 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

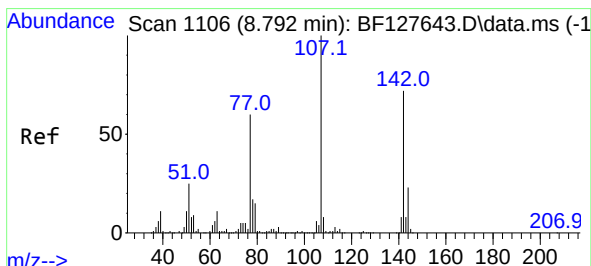
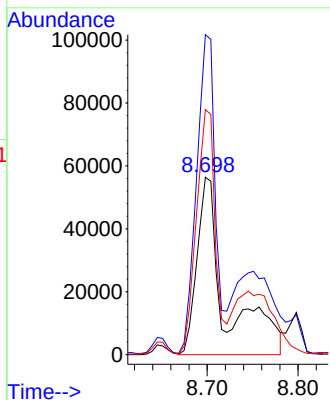
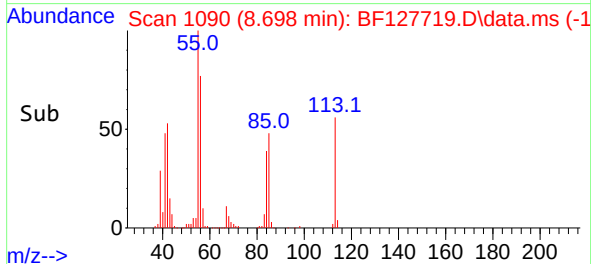
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



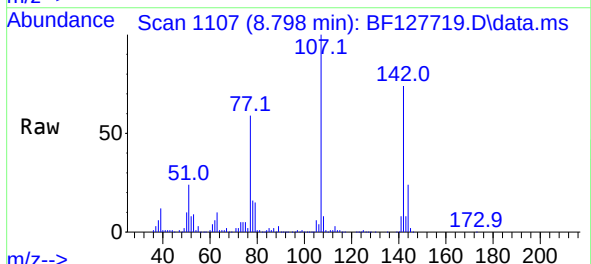
Tgt Ion:113 Resp: 122090
Ion Ratio Lower Upper
113 100
55 180.3 218.7 258.7
56 138.2 156.2 196.2

Manual Integrations
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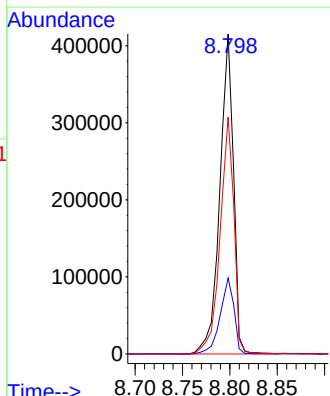
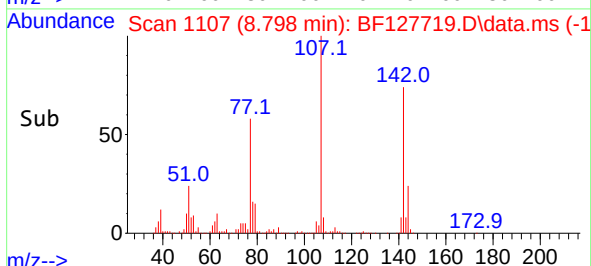
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

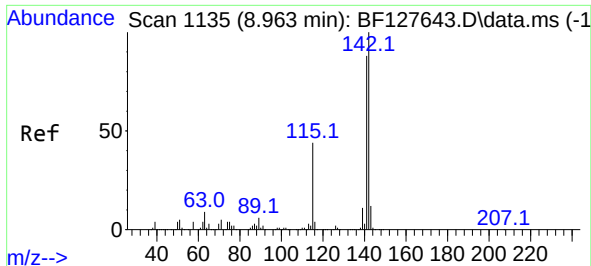


#36
4-Chloro-3-methylphenol
Concen: 44.168 ng
RT: 8.798 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:107 Resp: 417547
Ion Ratio Lower Upper
107 100
144 23.7 19.3 28.9
142 74.0 59.8 89.8





#37

2-Methylnaphthalene

Concen: 43.652 ng

RT: 8.969 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF127719.D

Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

Tgt Ion:142 Resp: 837025

Ion Ratio Lower Upper

142 100

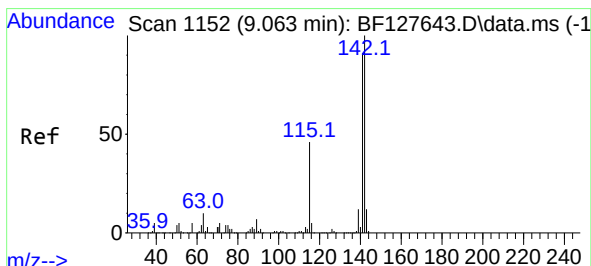
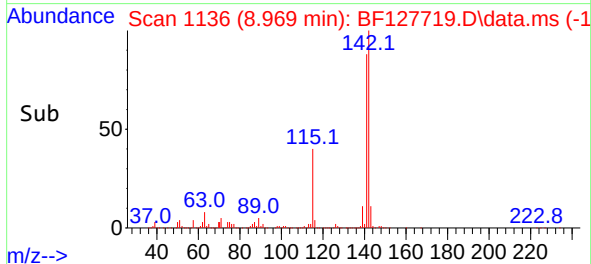
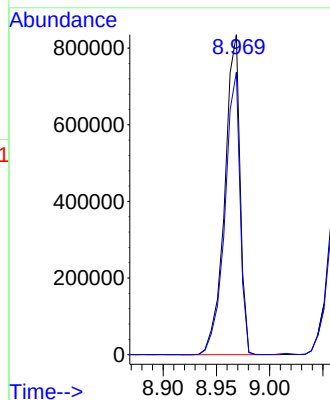
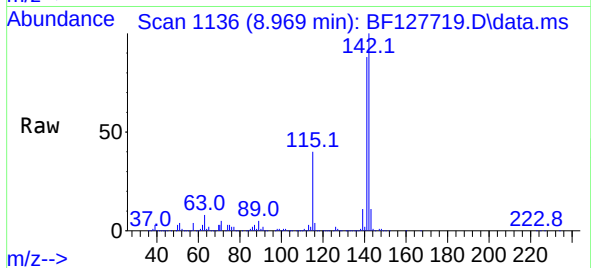
141 88.3 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#38

1-Methylnaphthalene

Concen: 42.970 ng

RT: 9.069 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF127719.D

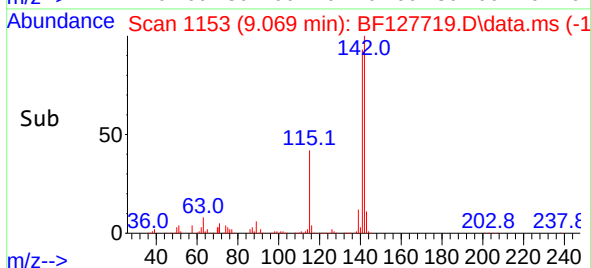
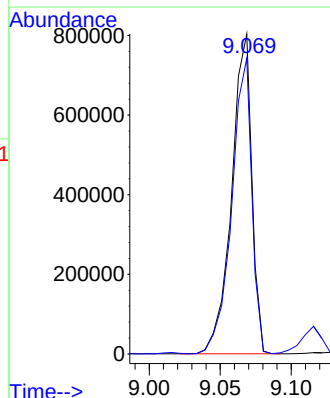
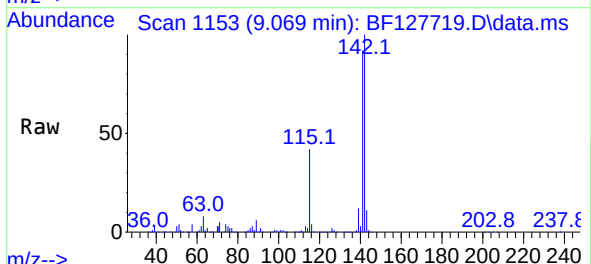
Acq: 08 Apr 2022 17:56

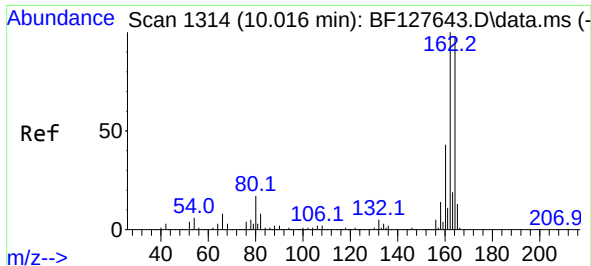
Tgt Ion:142 Resp: 795287

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.2





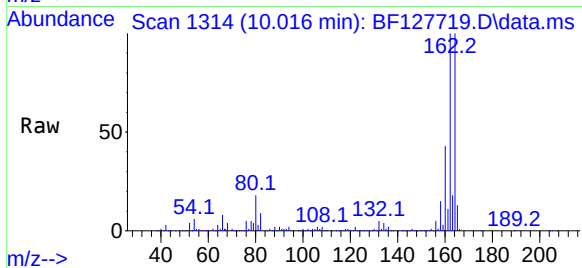
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

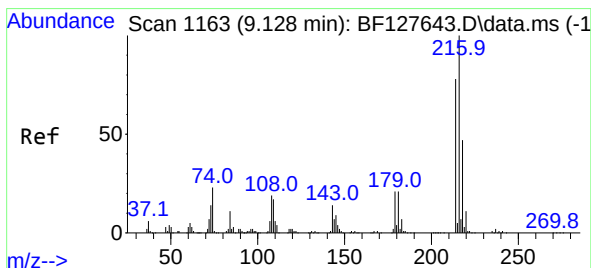
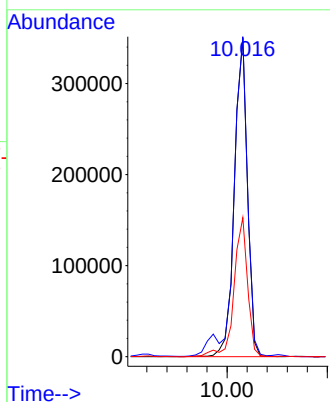
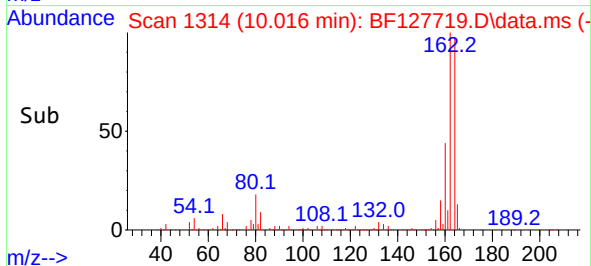


Tgt Ion:164 Resp: 314550
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.7 34.6 52.0

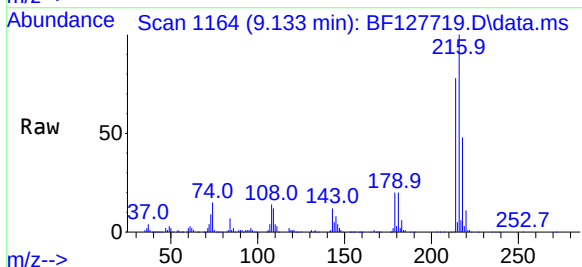
Manual Integrations

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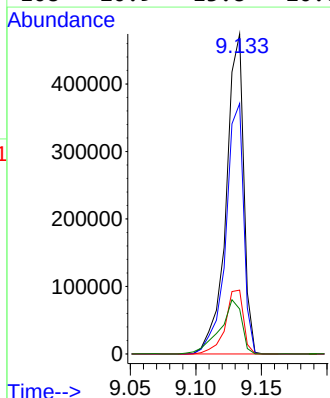
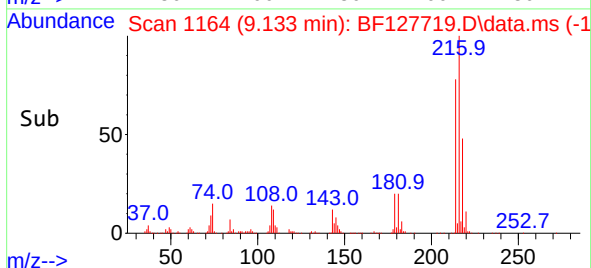
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

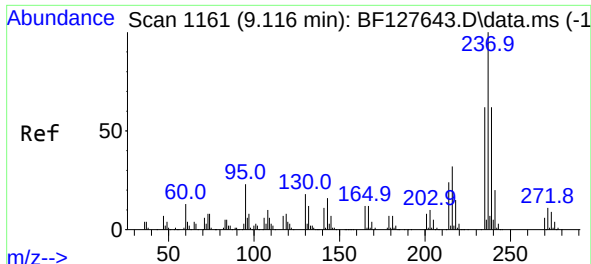


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.770 ng
RT: 9.133 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:216 Resp: 441263
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.4
179 20.6 15.5 23.3
108 20.9 13.8 20.6#





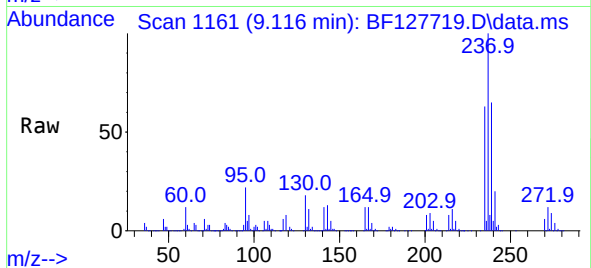
#41
Hexachlorocyclopentadiene
Concen: 94.693 ng
RT: 9.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

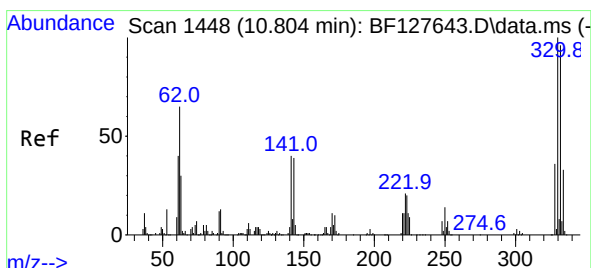
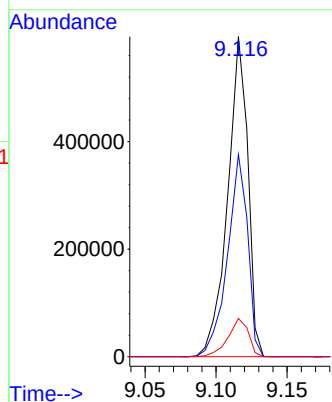
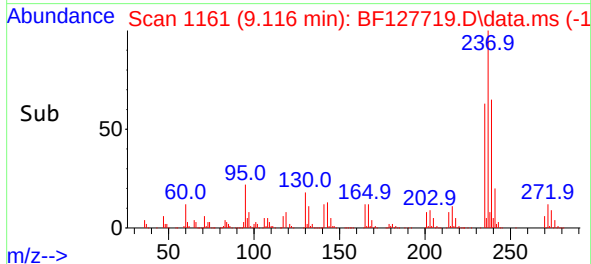


Tgt Ion:237 Resp: 588480
Ion Ratio Lower Upper
237 100
235 63.2 40.4 80.4
272 11.9 0.0 31.8

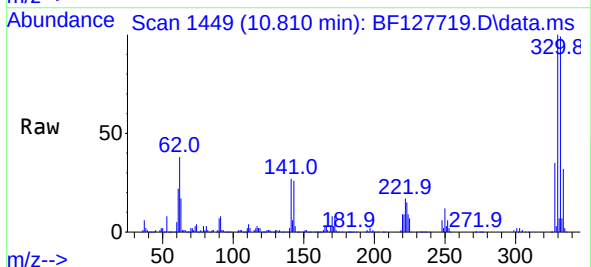
Manual Integrations

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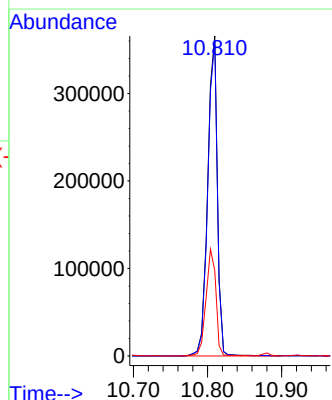
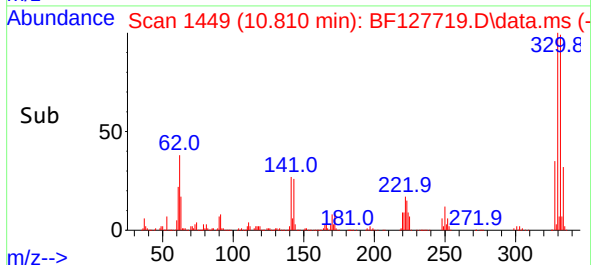
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

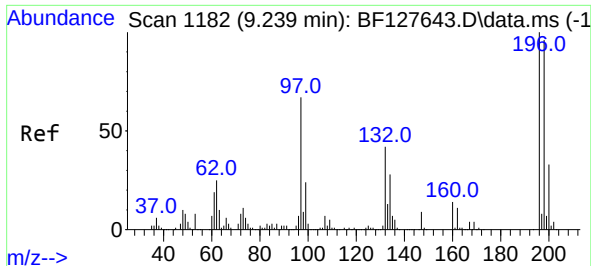


#42
2,4,6-Tribromophenol
Concen: 99.121 ng
RT: 10.810 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



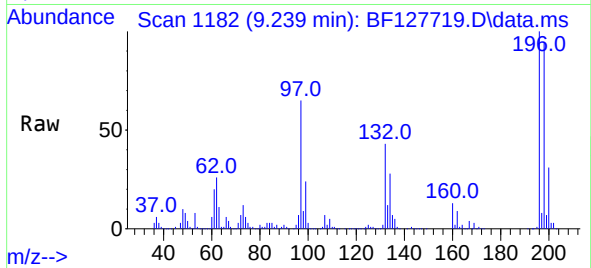
Tgt Ion:330 Resp: 331785
Ion Ratio Lower Upper
330 100
332 97.5 79.1 118.7
141 34.4 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 43.421 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

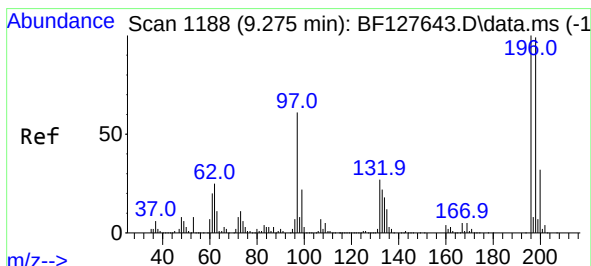
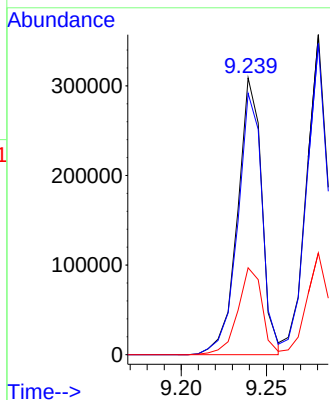
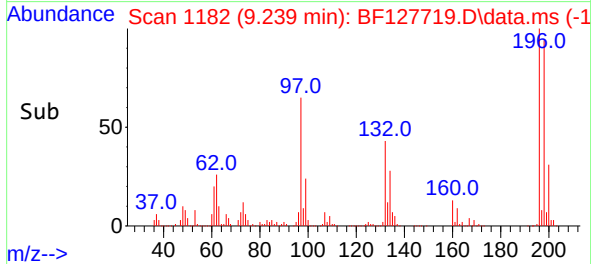
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



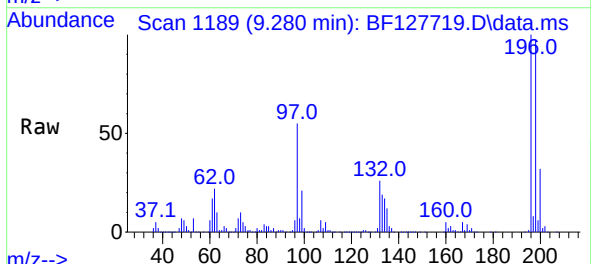
Tgt Ion:196 Resp: 304134
Ion Ratio Lower Upper
196 100
198 94.4 77.8 116.6
200 31.4 25.9 38.9

Manual Integrations
APPROVED

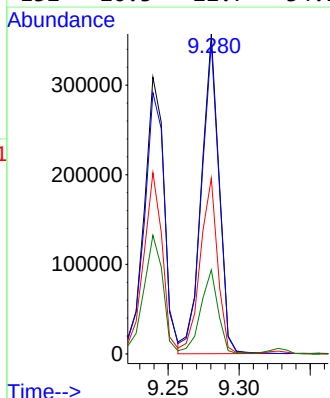
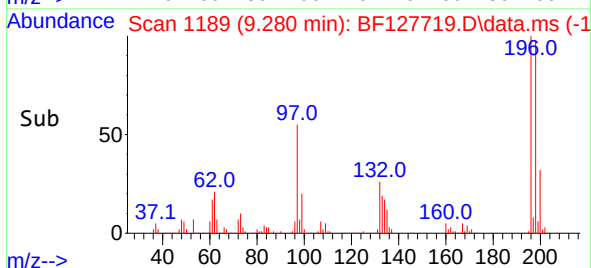
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

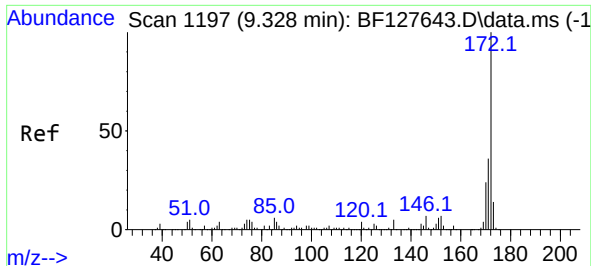


#44
2,4,5-Trichlorophenol
Concen: 43.575 ng
RT: 9.280 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:196 Resp: 307978
Ion Ratio Lower Upper
196 100
198 97.2 75.3 112.9
97 54.9 46.8 70.2
132 26.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 57.659 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127719.D

Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

Tgt Ion:172 Resp: 128204

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

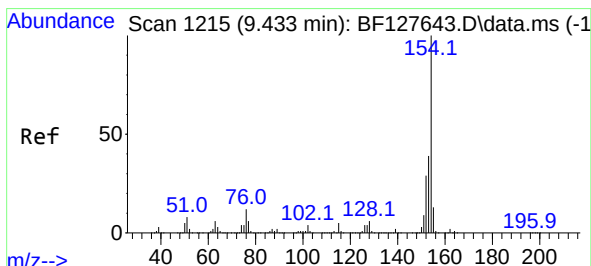
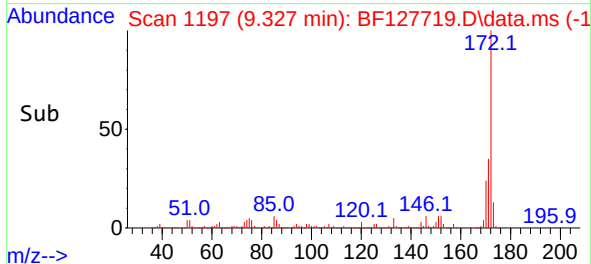
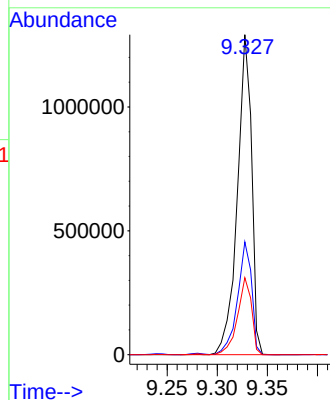
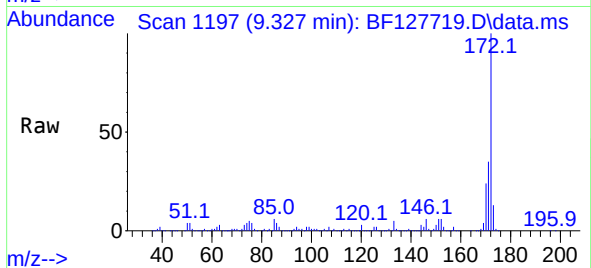
170 24.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#46

1,1'-Biphenyl

Concen: 42.683 ng

RT: 9.433 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF127719.D

Acq: 08 Apr 2022 17:56

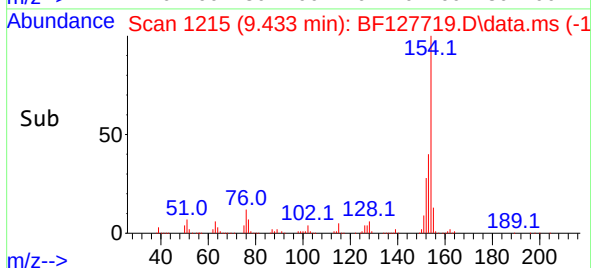
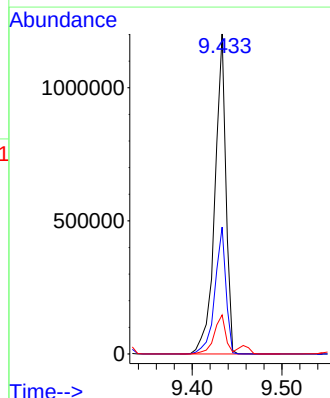
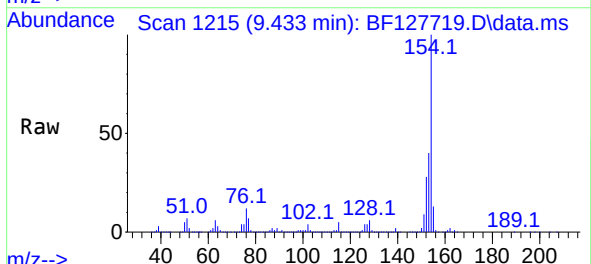
Tgt Ion:154 Resp: 1026786

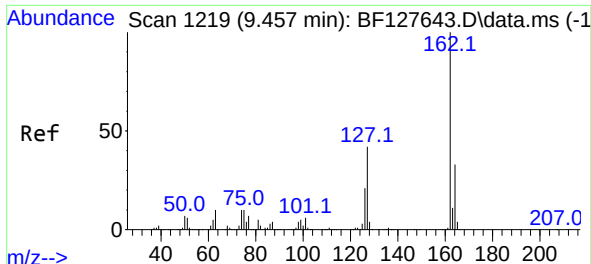
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 12.2 0.0 33.9





#47
2-Chloronaphthalene
Concen: 42.349 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

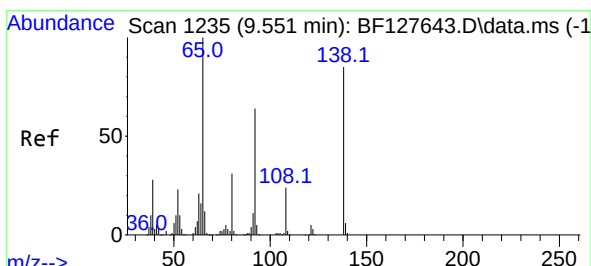
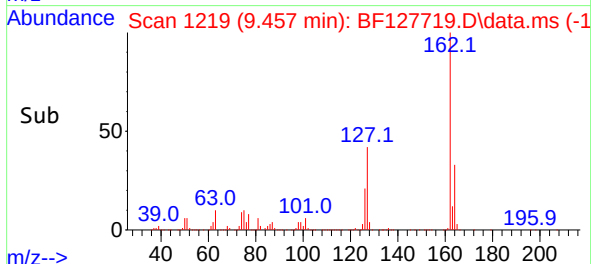
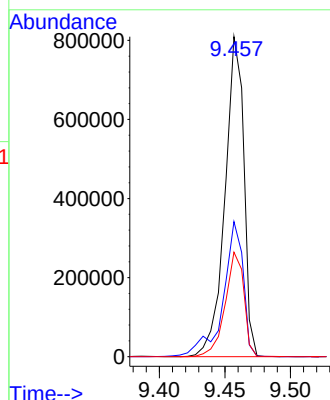
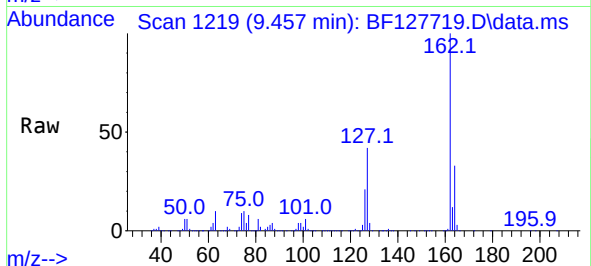
ClientSampleId :

NORTH-3MSD

Tgt Ion:162 Resp: 809594
Ion Ratio Lower Upper
162 100
127 42.2 31.8 47.6
164 32.7 26.4 39.6

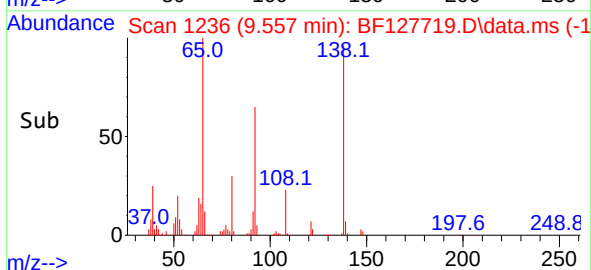
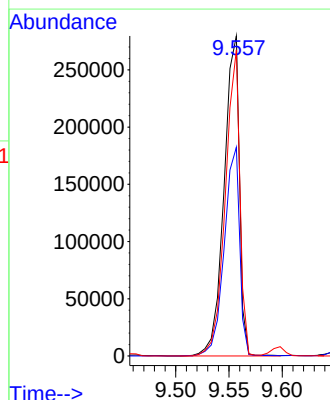
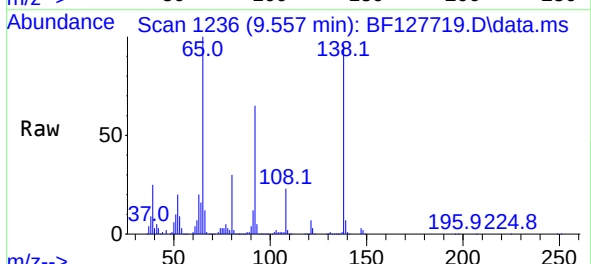
Manual Integrations
APPROVED

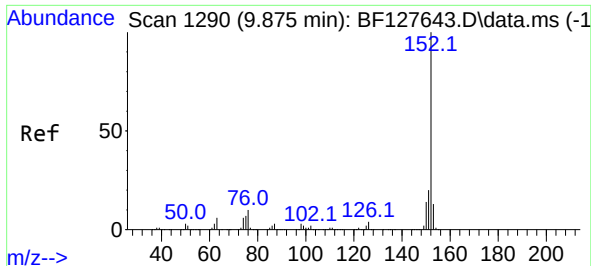
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#48
2-Nitroaniline
Concen: 47.167 ng
RT: 9.557 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

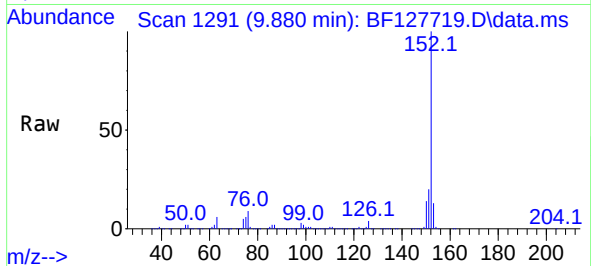
Tgt Ion: 65 Resp: 280052
Ion Ratio Lower Upper
65 100
92 65.2 50.0 75.0
138 95.7 64.1 96.1





#49
Acenaphthylene
Concen: 44.756 ng
RT: 9.880 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

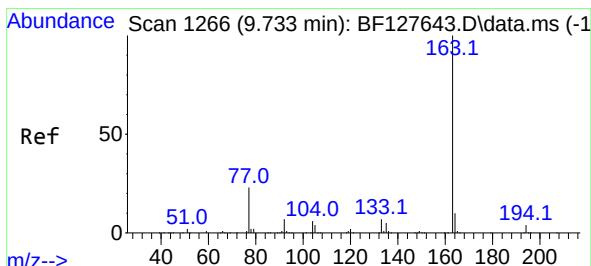
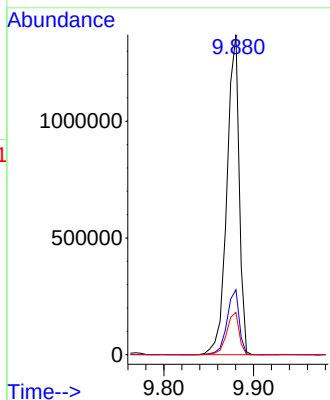
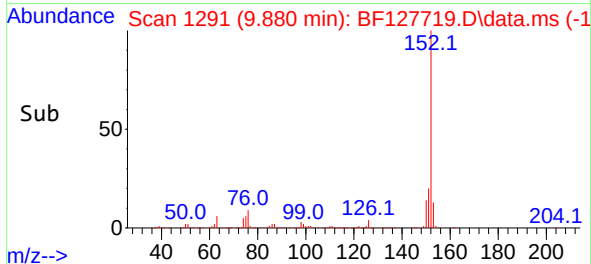
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



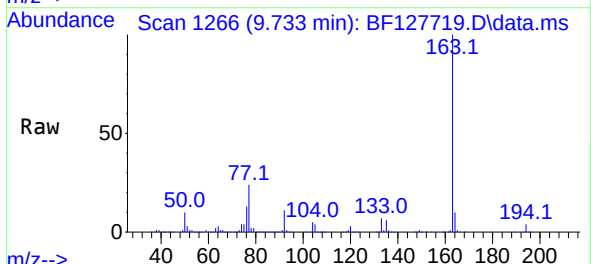
Tgt Ion:152 Resp: 130142
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.2 10.5 15.7

Manual Integrations
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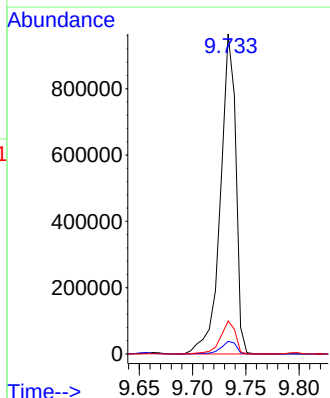
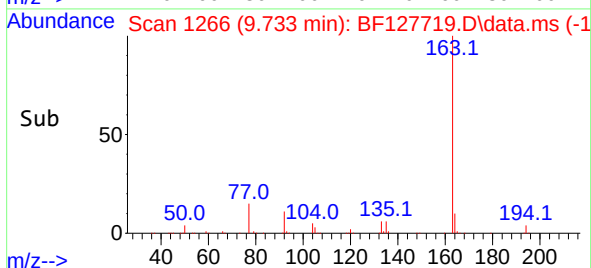
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

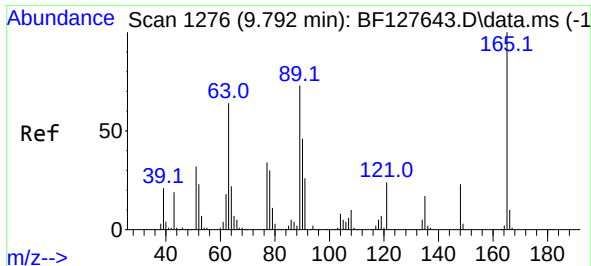


#50
Dimethylphthalate
Concen: 42.308 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



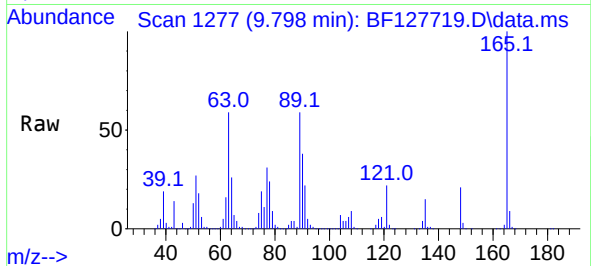
Tgt Ion:163 Resp: 964622
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.305 ng
RT: 9.798 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

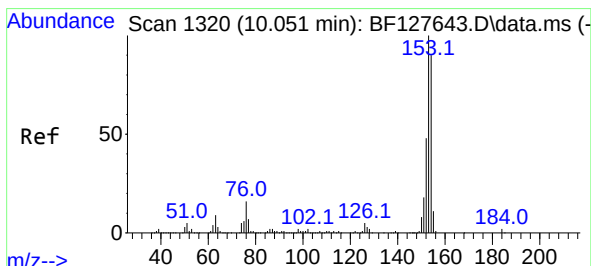
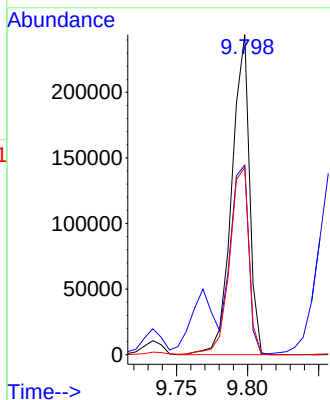
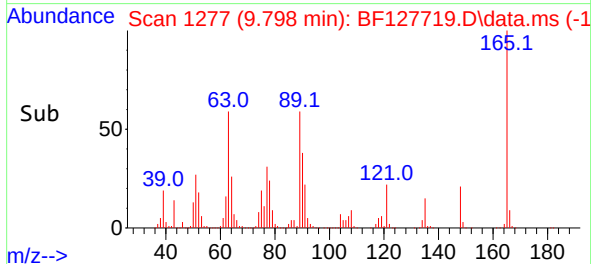
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



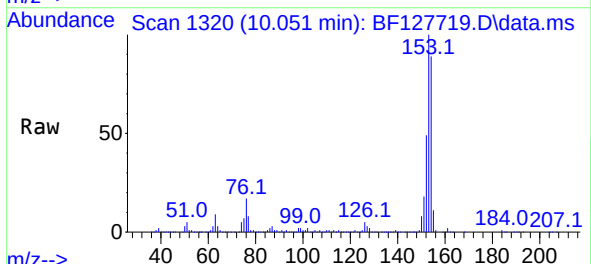
Tgt Ion:165 Resp: 211900
Ion Ratio Lower Upper
165 100
63 59.3 58.3 87.5
89 58.6 51.5 77.3

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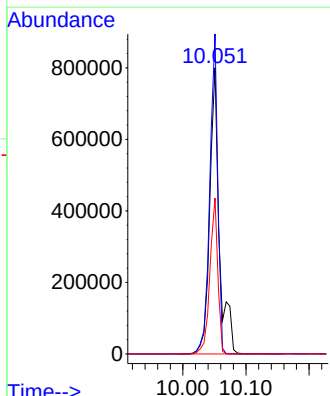
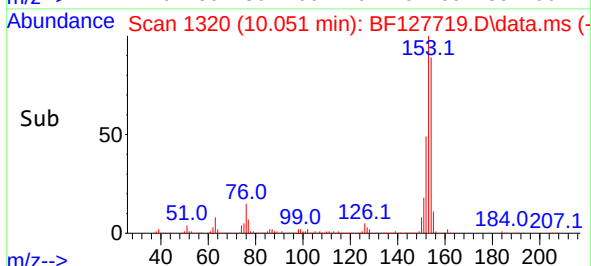
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

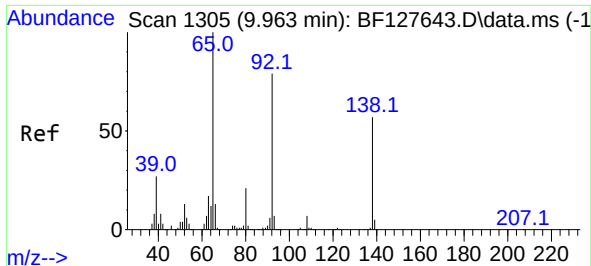


#52
Acenaphthene
Concen: 46.497 ng
RT: 10.051 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:154 Resp: 851819
Ion Ratio Lower Upper
154 100
153 111.8 87.6 131.4
152 54.5 42.9 64.3





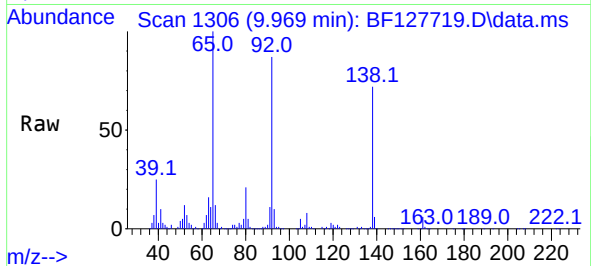
#53
3-Nitroaniline
Concen: 29.342 ng
RT: 9.969 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

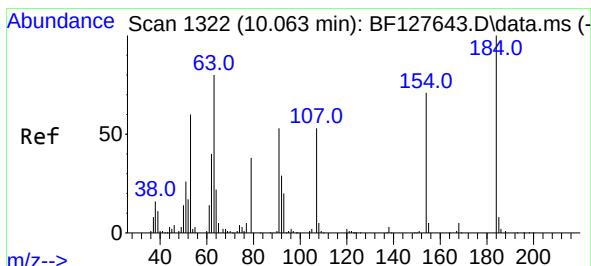
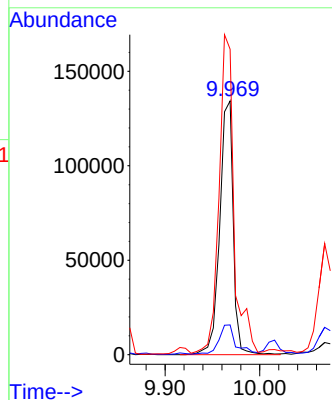
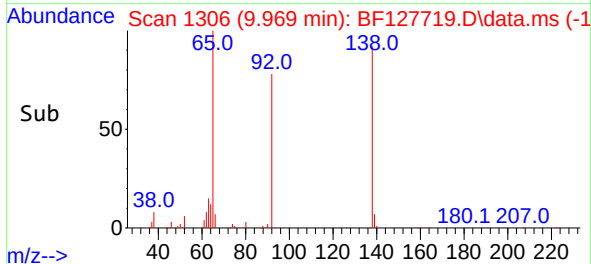


Tgt Ion:138 Resp: 13322
Ion Ratio Lower Upper
138 100
108 11.7 9.4 14.0
92 120.3 106.1 159.1

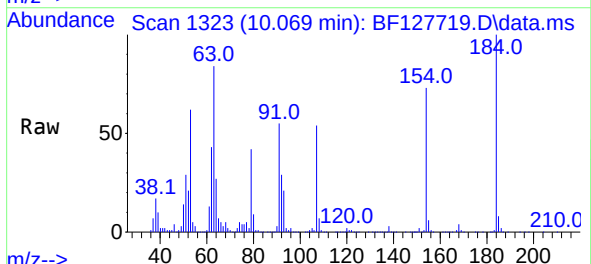
Manual Integrations

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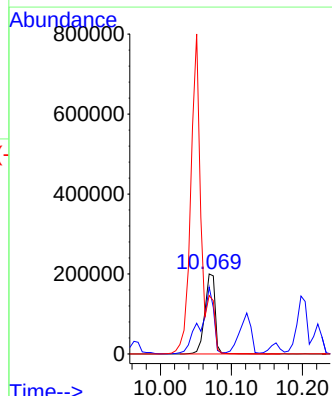
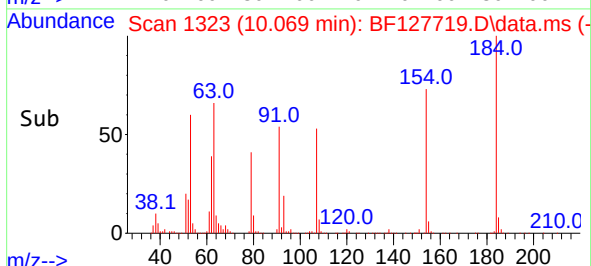
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

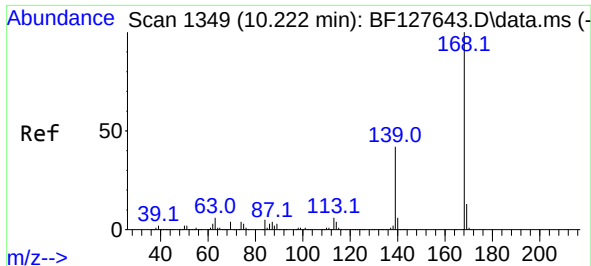


#54
2,4-Dinitrophenol
Concen: 93.887 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



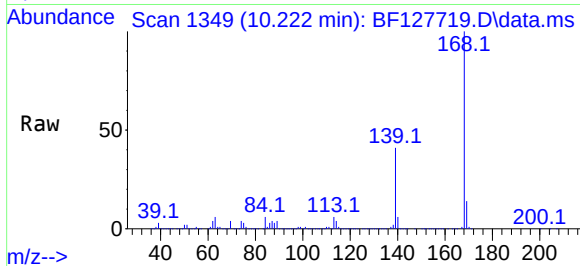
Tgt Ion:184 Resp: 202093
Ion Ratio Lower Upper
184 100
63 83.5 58.1 87.1
154 72.9 53.2 79.8





#55
Dibenzenofuran
Concen: 41.608 ng
RT: 10.222 min Scan# 111231
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

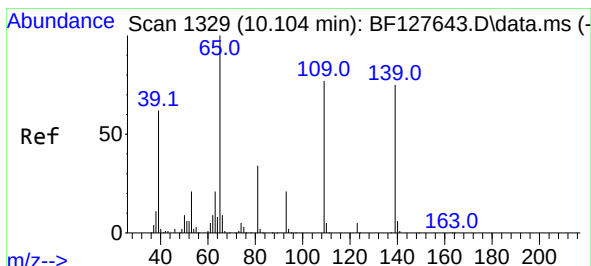
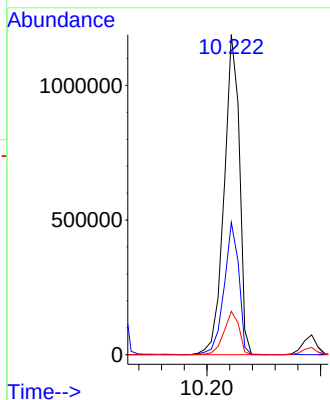
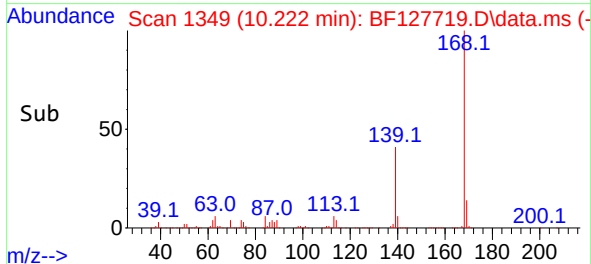
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



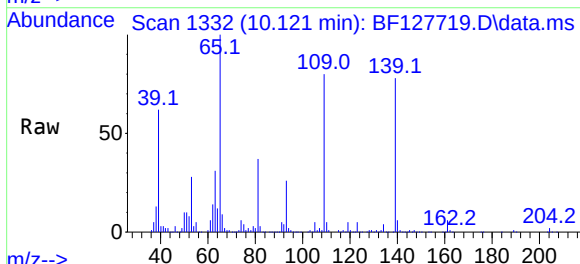
Tgt Ion:168 Resp: 111231
Ion Ratio Lower Upper
168 100
139 41.4 30.3 45.5
169 13.6 10.8 16.2

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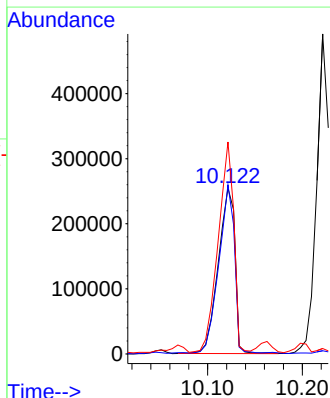
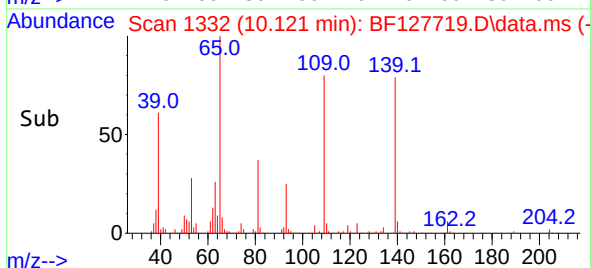
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

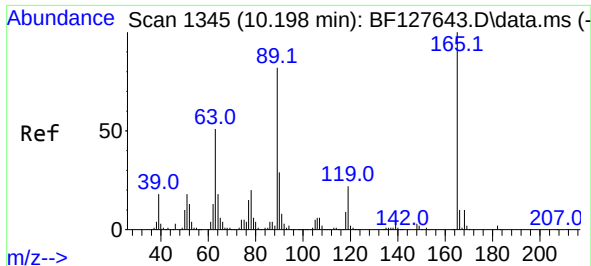


#56
4-Nitrophenol
Concen: 87.963 ng
RT: 10.121 min Scan# 1332
Delta R.T. 0.017 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:139 Resp: 313693
Ion Ratio Lower Upper
139 100
109 101.9 64.3 104.3
65 127.7 117.5 157.5





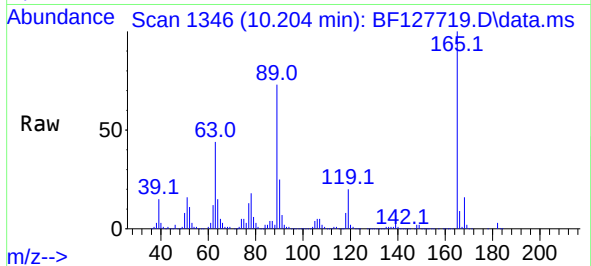
#57
2,4-Dinitrotoluene
Concen: 51.801 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

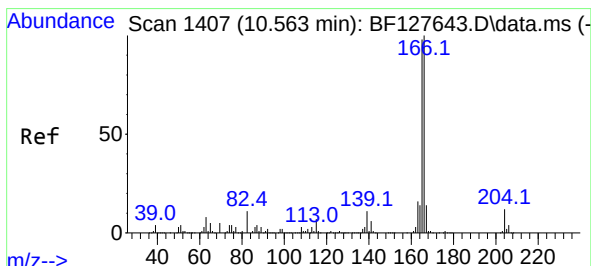
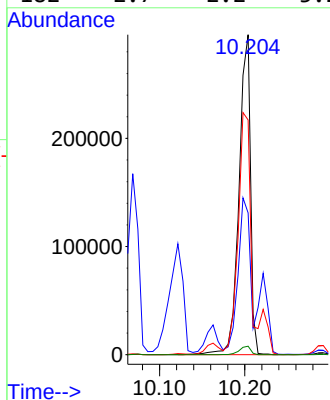
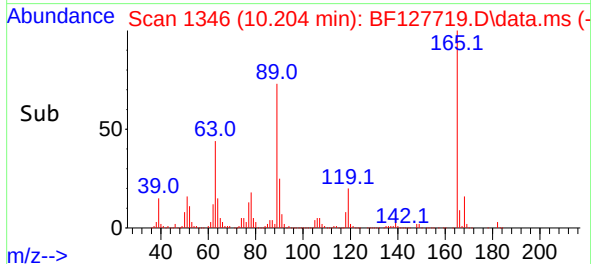


Tgt Ion:165 Resp: 276014
Ion Ratio Lower Upper
165 100
63 44.3 53.1 79.7
89 73.4 69.2 103.8
182 2.7 2.2 3.2

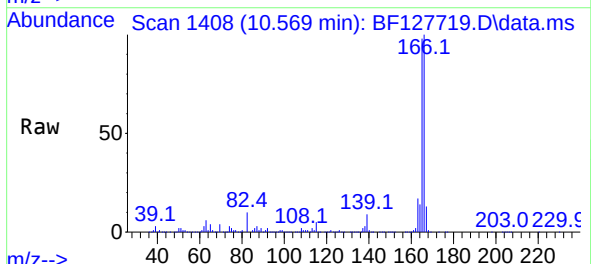
Manual Integrations

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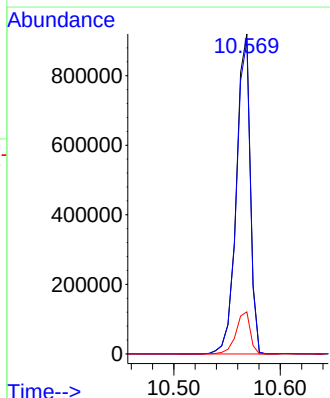
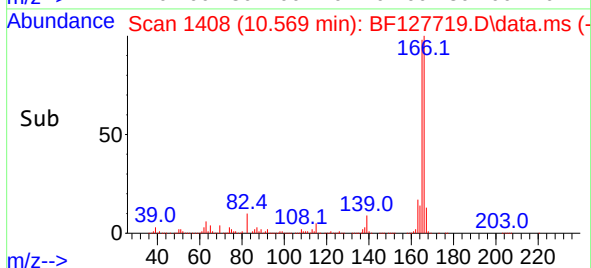
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

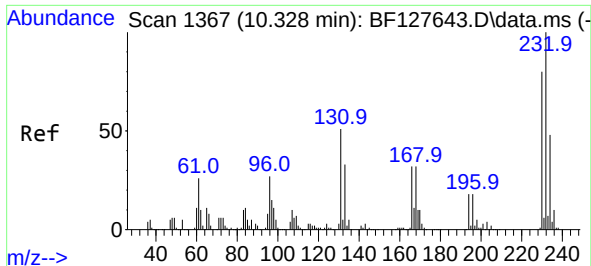


#58
Fluorene
Concen: 42.397 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



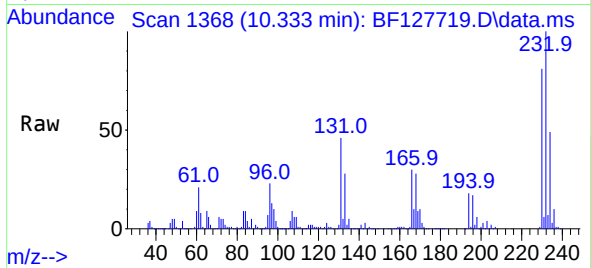
Tgt Ion:166 Resp: 837447
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.334 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

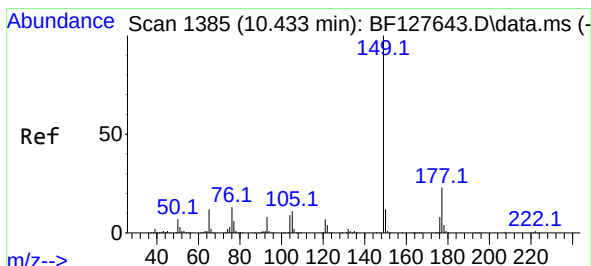
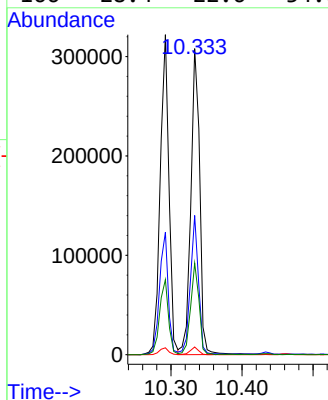
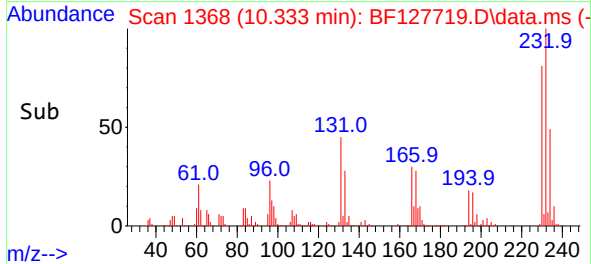
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



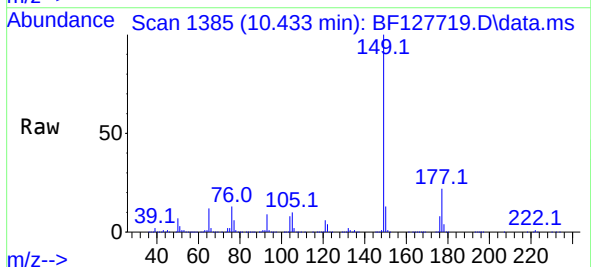
Tgt Ion:232 Resp: 26688
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.3 1.8 2.6
166 28.4 22.6 34.0

Manual Integrations
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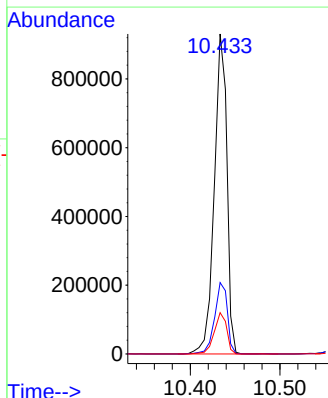
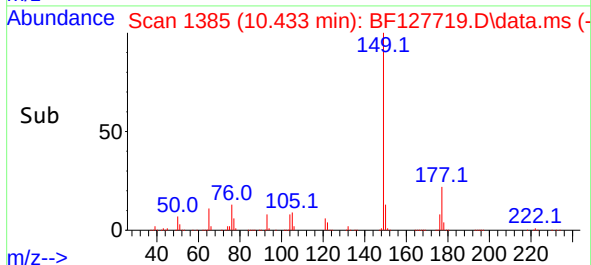
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

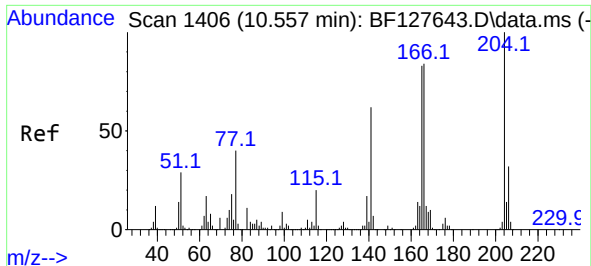


#60
Diethylphthalate
Concen: 41.568 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



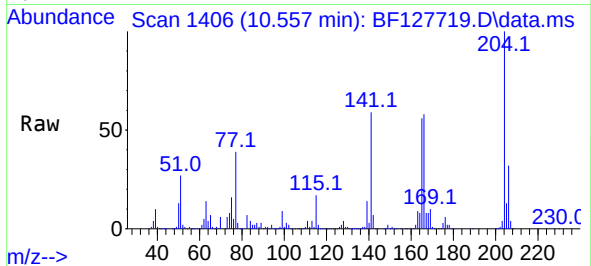
Tgt Ion:149 Resp: 906939
Ion Ratio Lower Upper
149 100
177 22.3 18.9 28.3
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.366 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

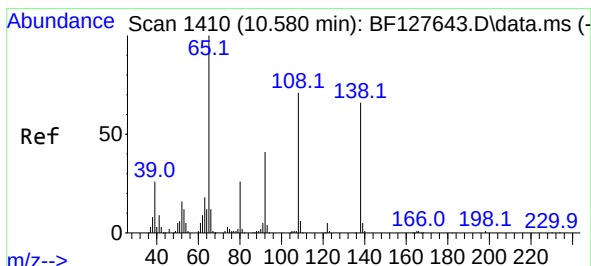
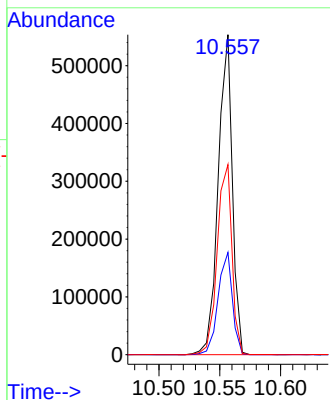
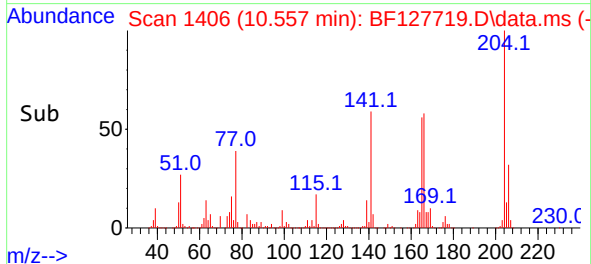
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



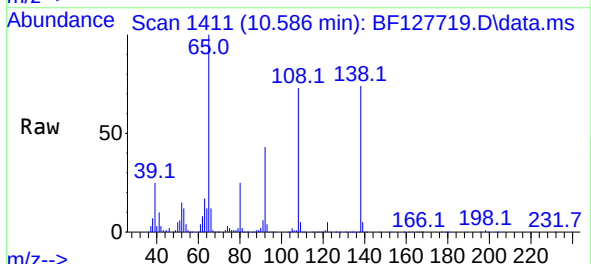
Tgt Ion:204 Resp: 448945
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 59.4 47.8 71.8

Manual Integrations
APPROVED

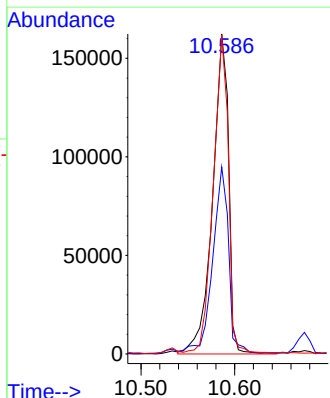
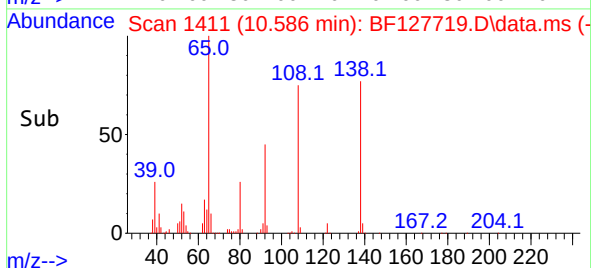
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

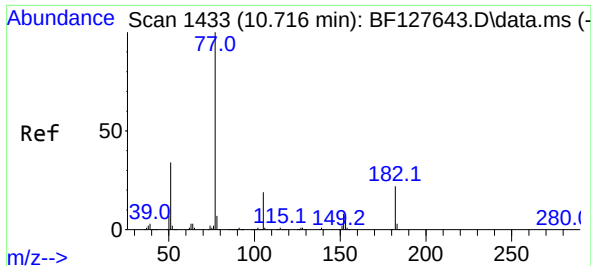


#62
4-Nitroaniline
Concen: 45.105 ng m
RT: 10.586 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



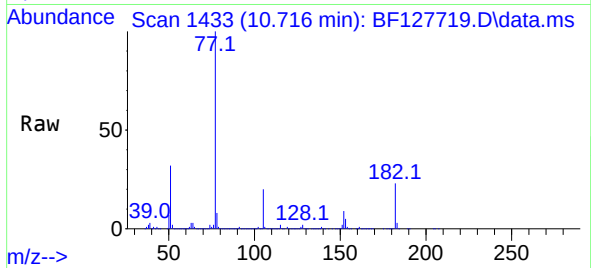
Tgt Ion:138 Resp: 192875
Ion Ratio Lower Upper
138 100
92 58.4 40.5 80.5
108 99.6 69.2 109.2





#63
Azobenzene
Concen: 38.908 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

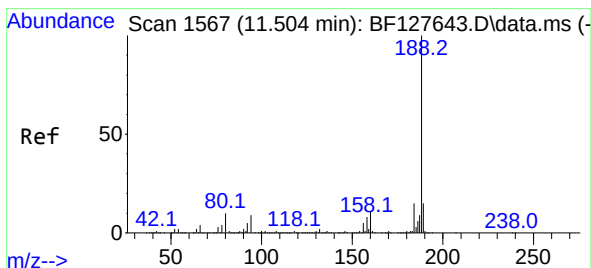
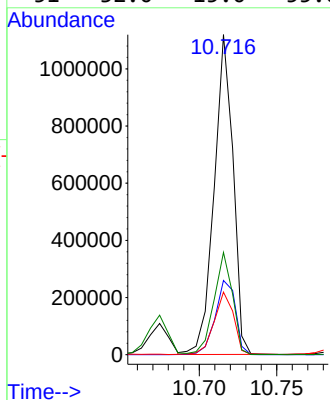
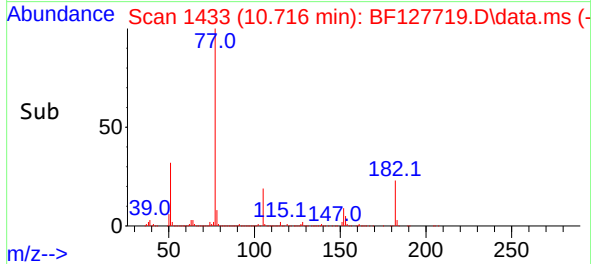
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



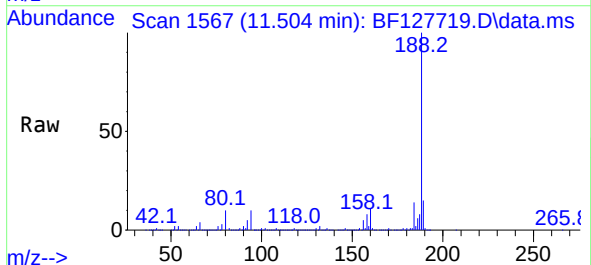
Tgt Ion: 77 Resp: 94859
Ion Ratio Lower Upper
77 100
182 23.2 4.5 44.5
105 19.6 0.3 40.3
51 32.0 15.0 55.0

Manual Integrations
APPROVED

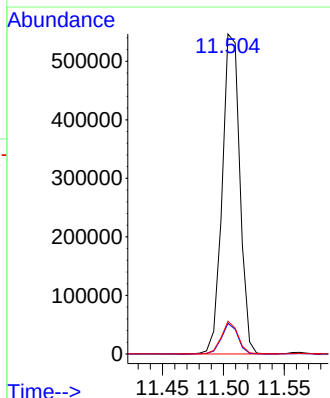
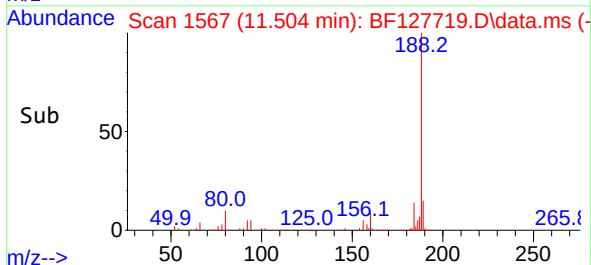
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

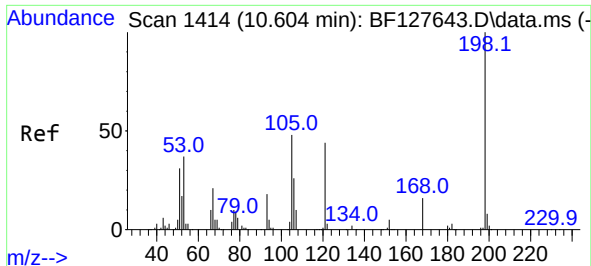


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



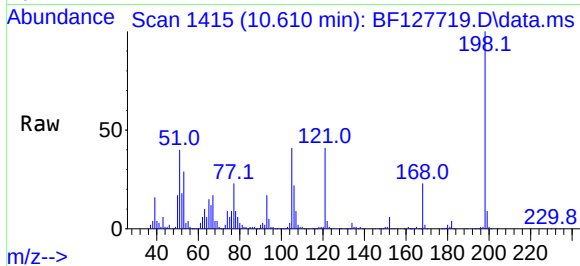
Tgt Ion:188 Resp: 550436
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.2 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 49.425 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

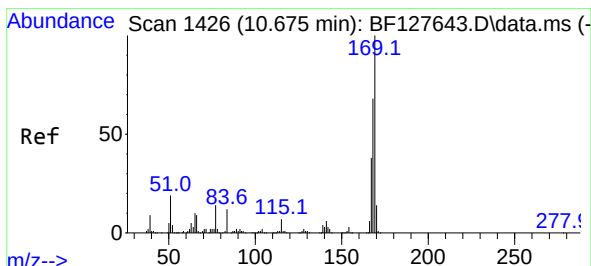
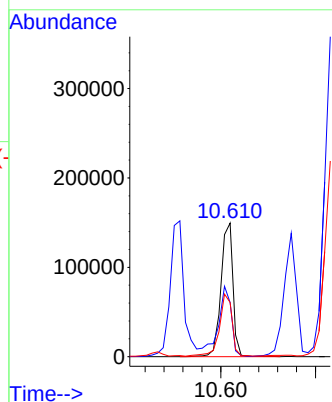
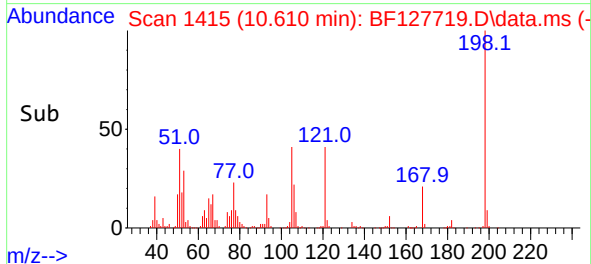
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



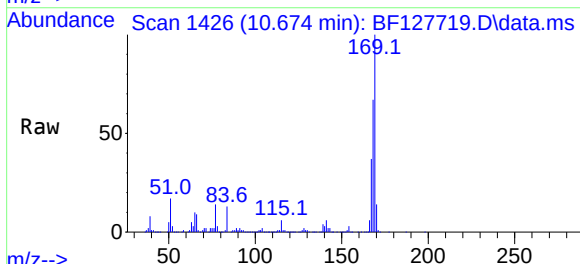
Tgt Ion:198 Resp: 131402
Ion Ratio Lower Upper
198 100
51 40.5 42.7 82.7
105 40.6 25.4 65.4

Manual Integrations
APPROVED

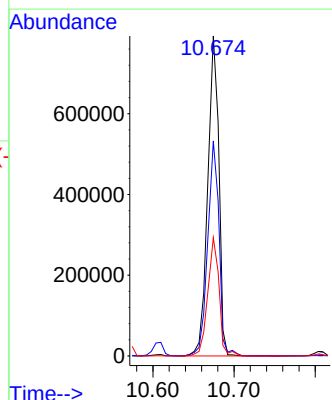
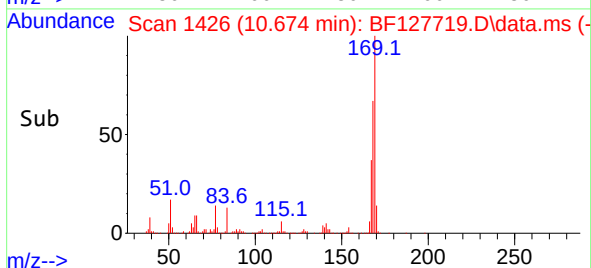
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

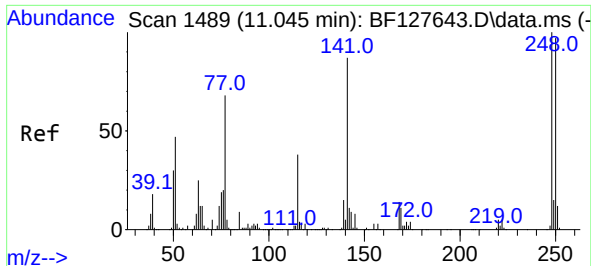


#66
n-Nitrosodiphenylamine
Concen: 43.299 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



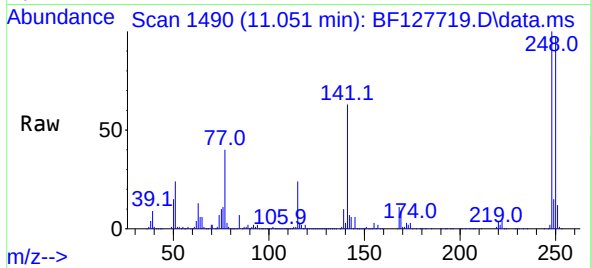
Tgt Ion:169 Resp: 750621
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 36.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.458 ng
RT: 11.051 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

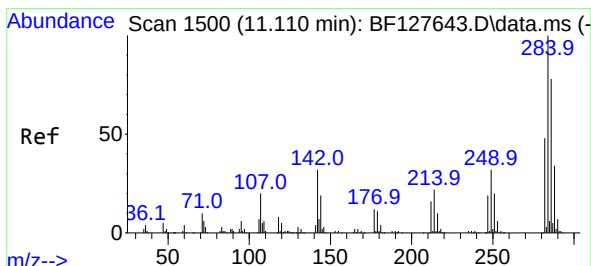
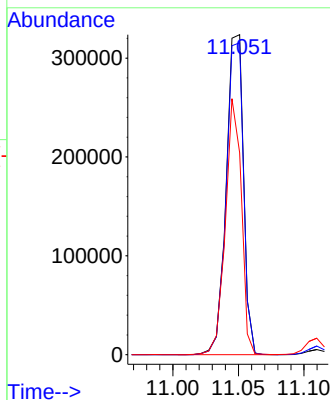
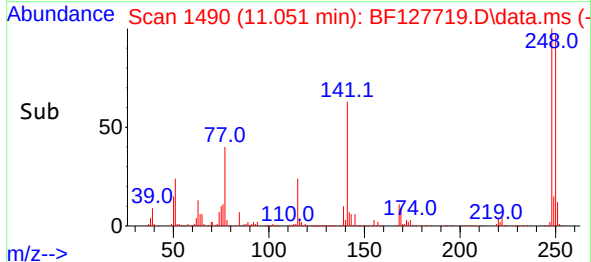
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



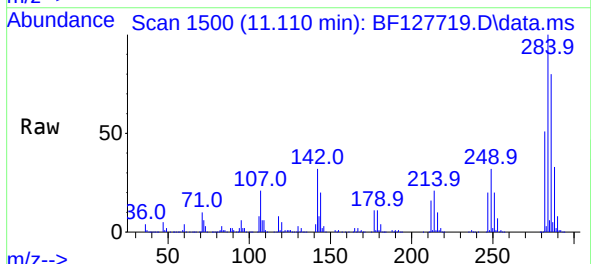
Tgt Ion:248 Resp: 296993
Ion Ratio Lower Upper
248 100
250 97.5 76.6 115.0
141 63.1 52.2 78.2

Manual Integrations
APPROVED

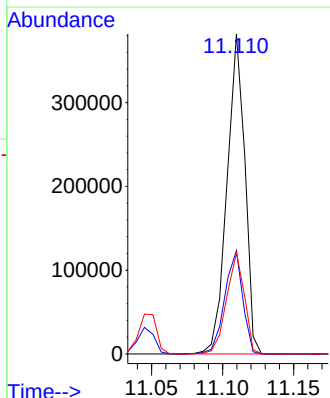
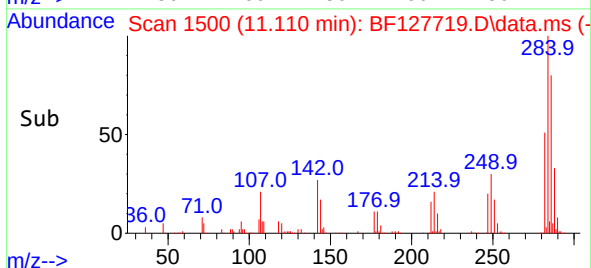
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

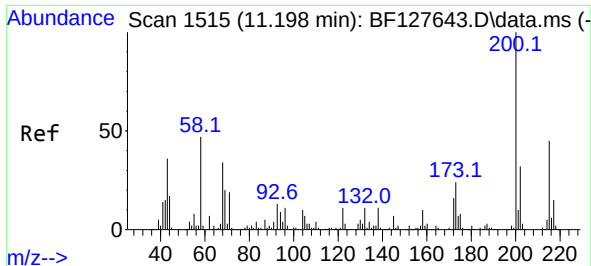


#68
Hexachlorobenzene
Concen: 45.828 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



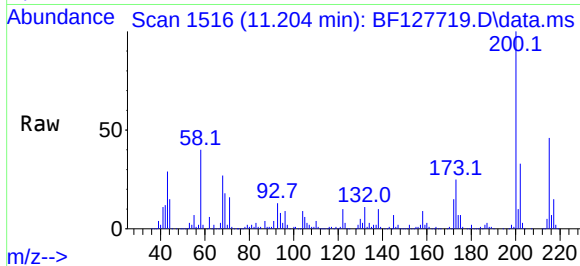
Tgt Ion:284 Resp: 334662
Ion Ratio Lower Upper
284 100
142 32.3 23.8 35.8
249 31.6 23.9 35.9





#69
Atrazine
Concen: 46.773 ng
RT: 11.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

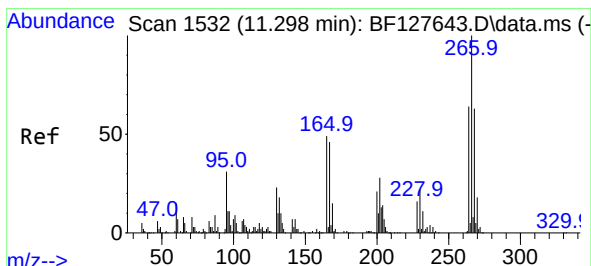
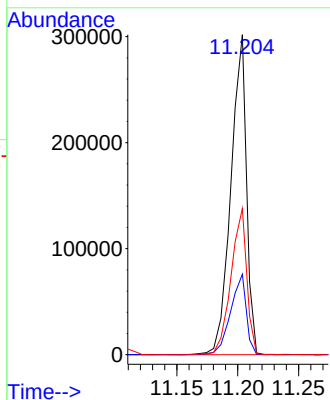
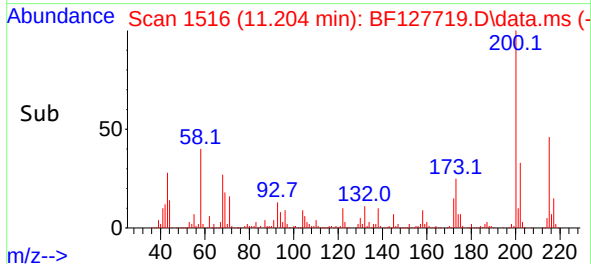
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



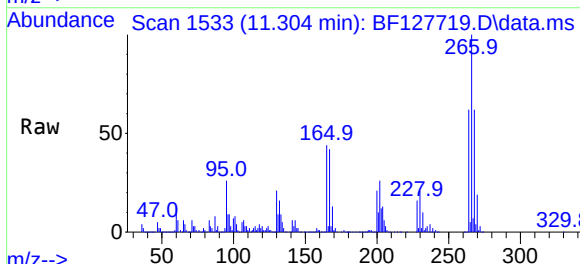
Tgt Ion:200 Resp: 26940
Ion Ratio Lower Upper
200 100
173 25.1 2.9 42.9
215 45.7 28.0 68.0

Manual Integrations
APPROVED

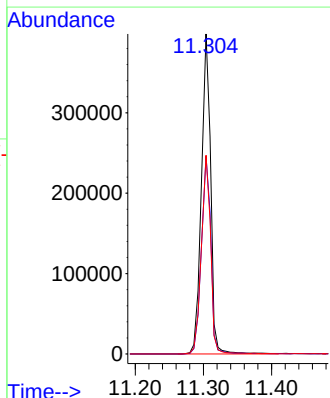
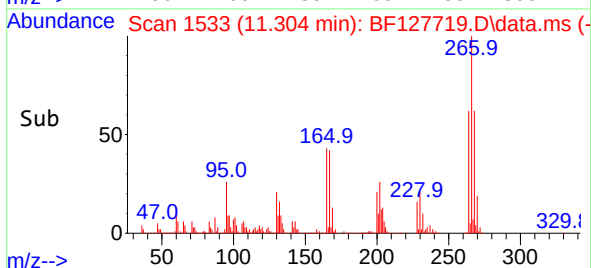
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

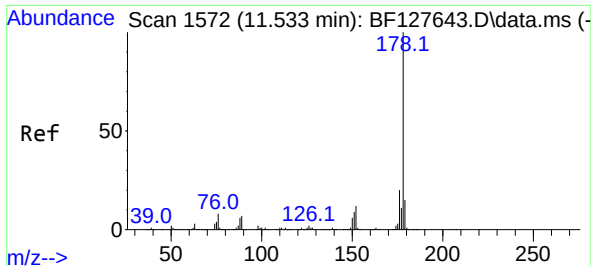


#70
Pentachlorophenol
Concen: 86.189 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



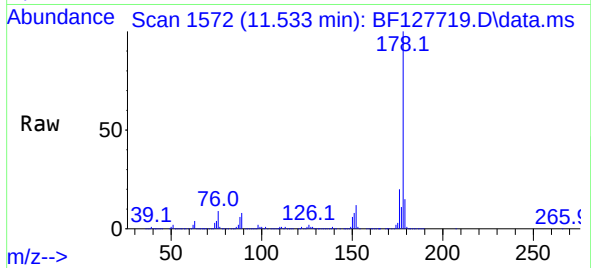
Tgt Ion:266 Resp: 375913
Ion Ratio Lower Upper
266 100
268 61.8 50.4 75.6
264 62.1 48.5 72.7





#71
Phenanthrene
Concen: 42.166 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

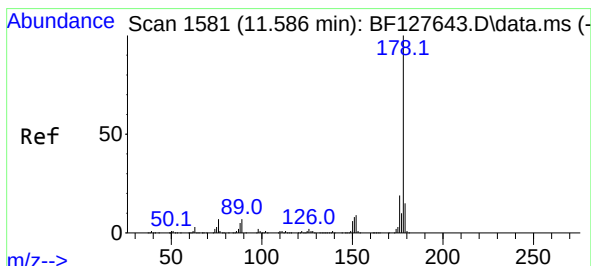
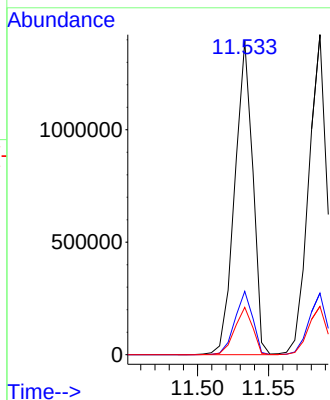
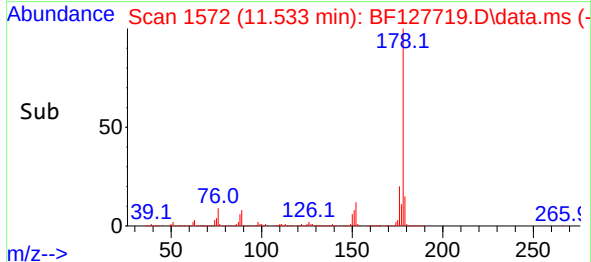
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



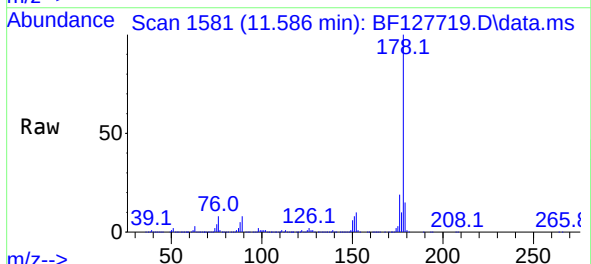
Tgt Ion:178 Resp: 1229733
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 15.1 12.4 18.6

Manual Integrations
APPROVED

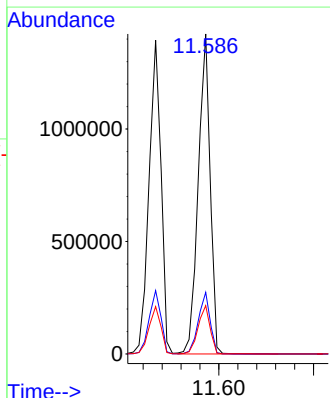
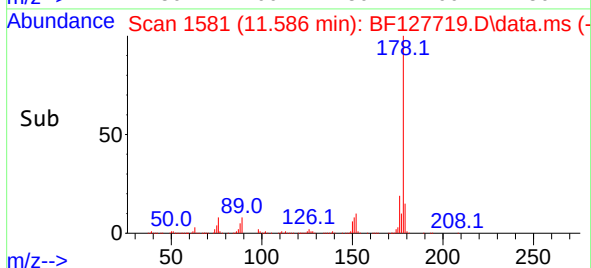
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

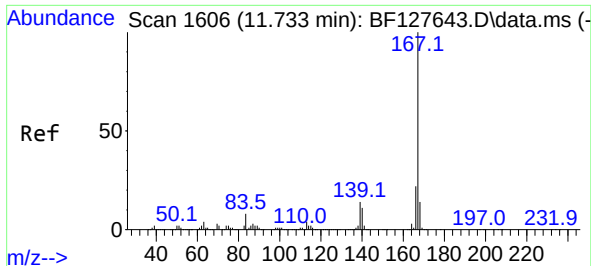


#72
Anthracene
Concen: 43.338 ng
RT: 11.586 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



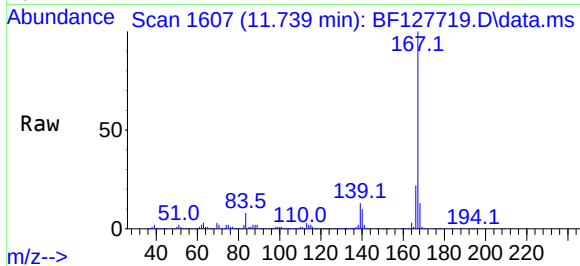
Tgt Ion:178 Resp: 1250232
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 39.720 ng
 RT: 11.739 min Scan# 1607
 Delta R.T. 0.006 min
 Lab File: BF127719.D
 Acq: 08 Apr 2022 17:56

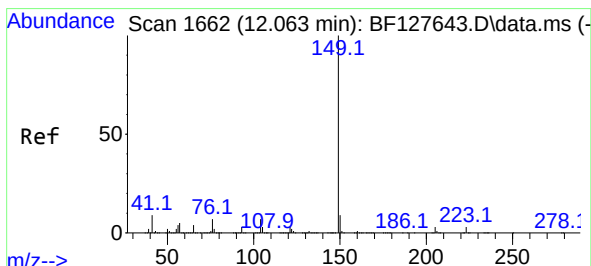
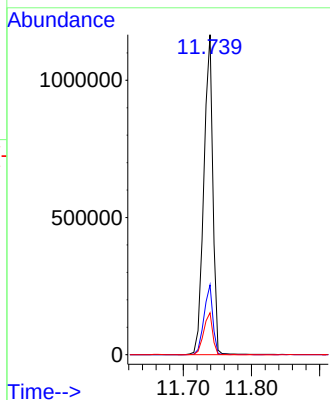
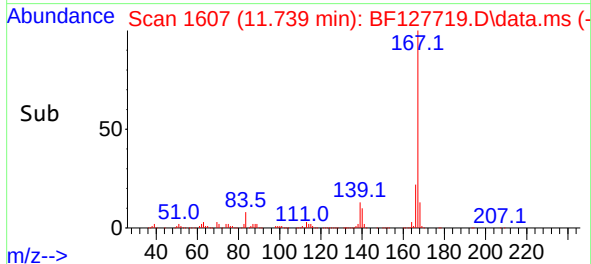
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MSD



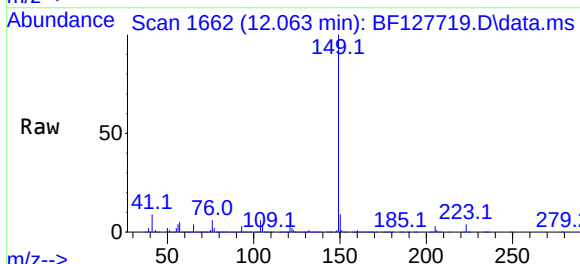
Tgt Ion:167 Resp: 1073698
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

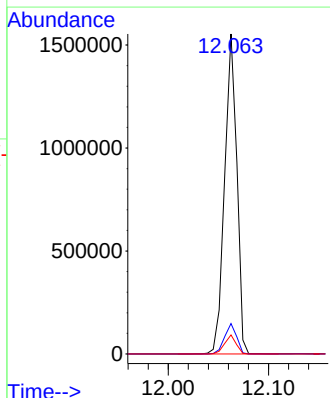
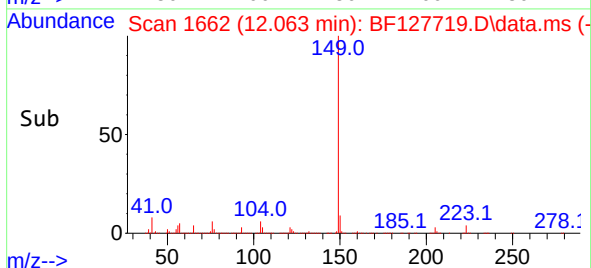
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

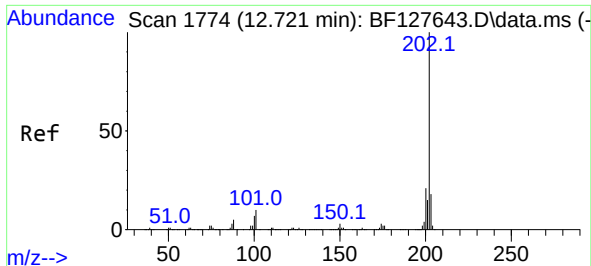


#74
 Di-n-butylphthalate
 Concen: 40.465 ng
 RT: 12.063 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF127719.D
 Acq: 08 Apr 2022 17:56



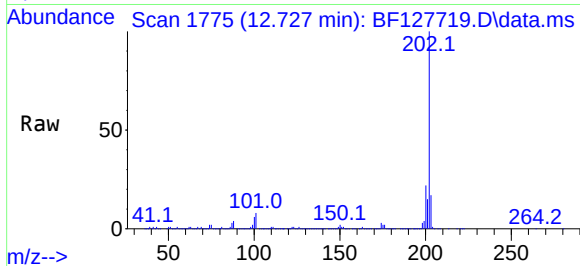
Tgt Ion:149 Resp: 1307593
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 39.436 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

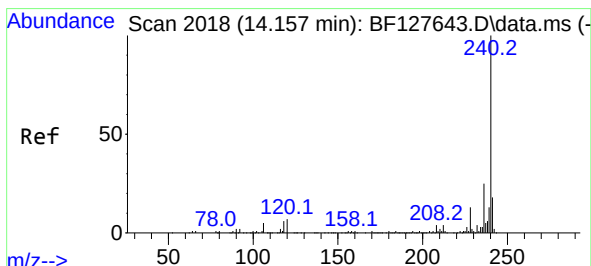
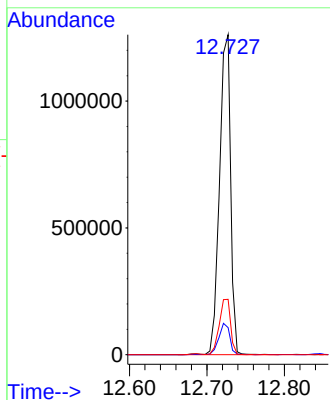
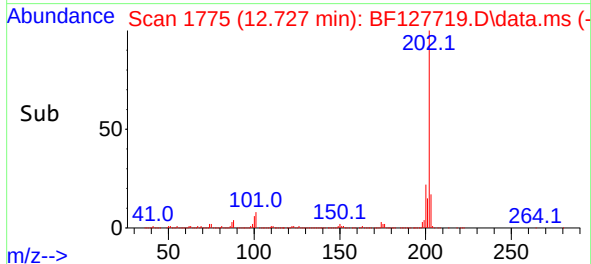
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



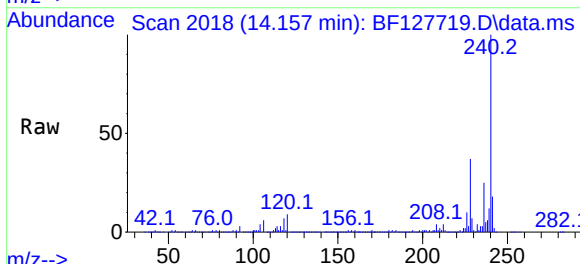
Tgt Ion:202 Resp: 125503
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.0
203 17.3 0.0 37.7

Manual Integrations
APPROVED

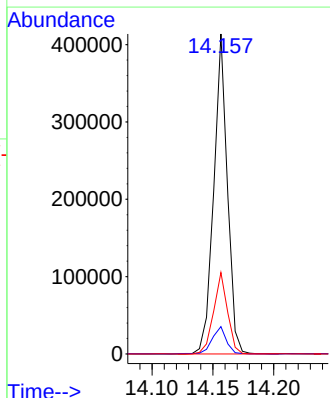
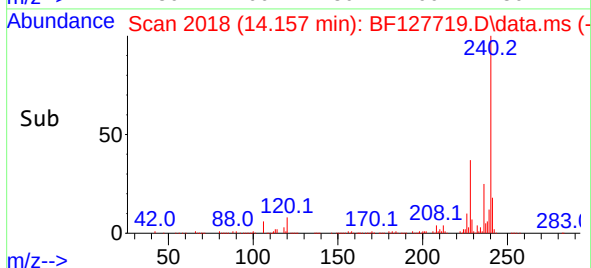
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

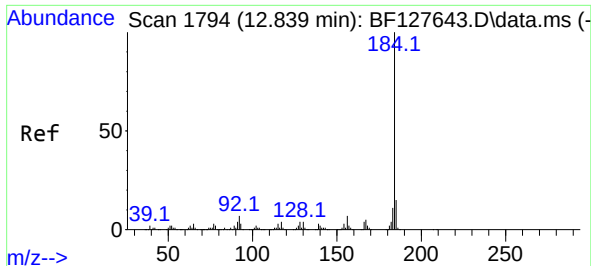


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:240 Resp: 323707
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.5 20.7 31.1





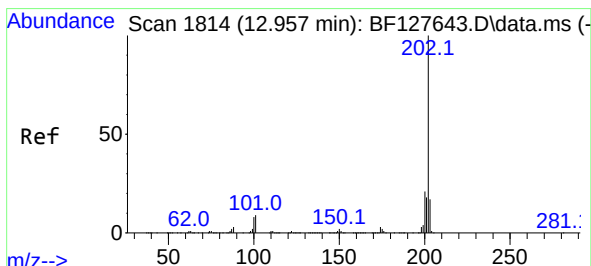
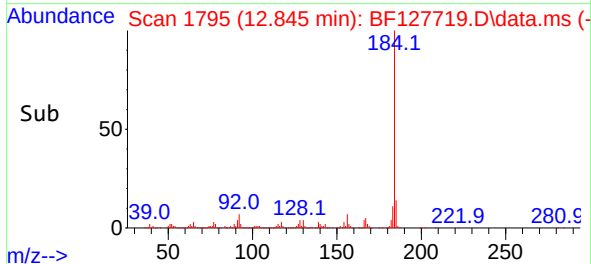
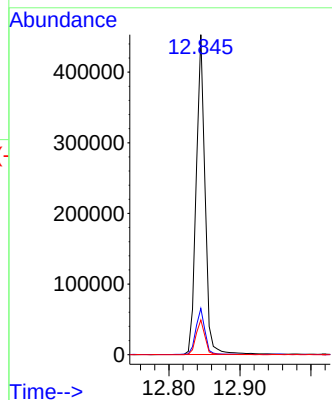
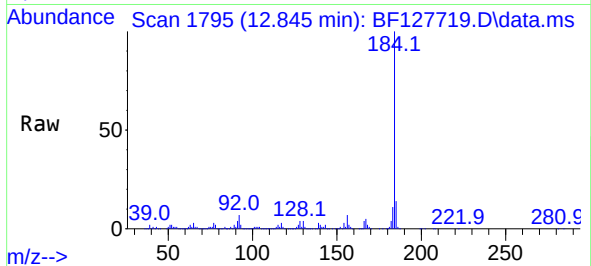
#77
Benzidine
Concen: 46.606 ng
RT: 12.845 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD

Tgt Ion:184 Resp: 393770
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 10.8 9.4 14.0

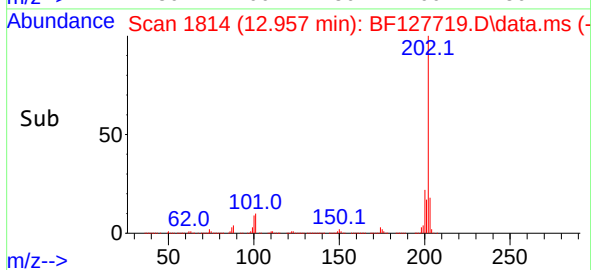
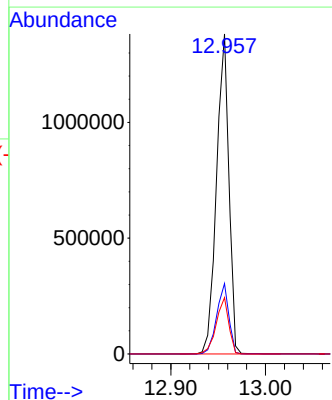
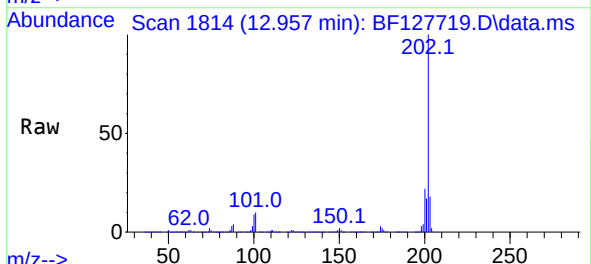
Manual Integrations
APPROVED

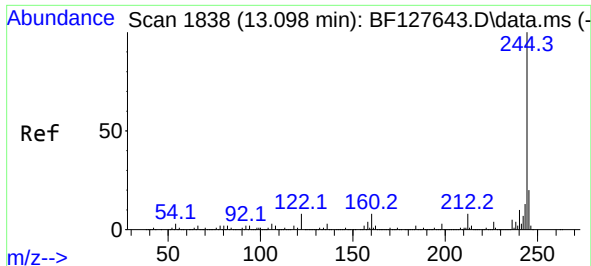
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#78
Pyrene
Concen: 45.732 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Tgt Ion:202 Resp: 1250081
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 17.6 14.3 21.5





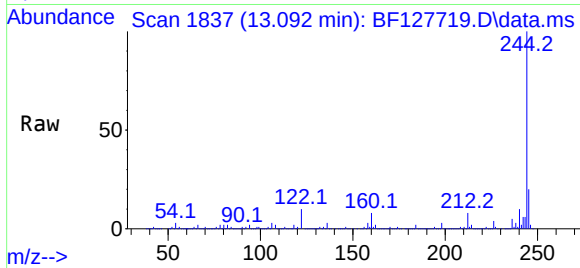
#79
 Terphenyl-d14
 Concen: 59.736 ng
 RT: 13.092 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF127719.D
 Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

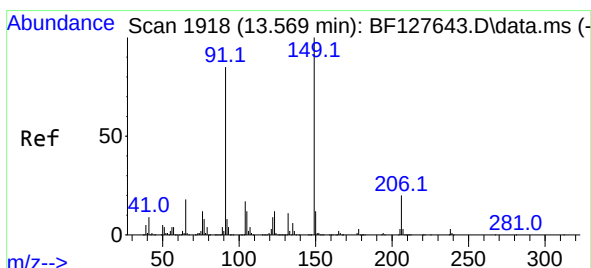
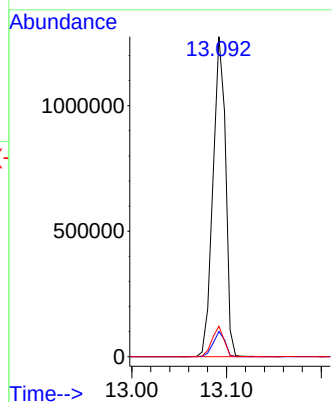
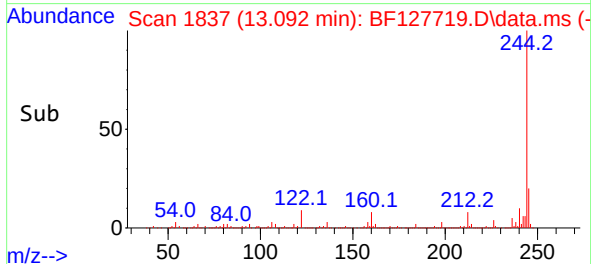


Tgt Ion:244 Resp: 1171509
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.5 6.2 9.2

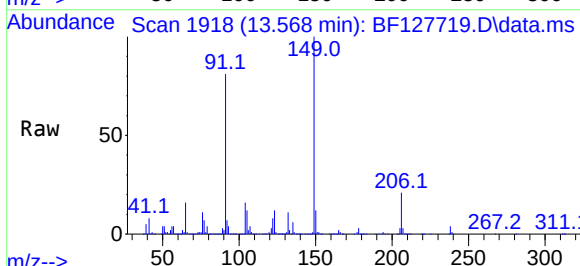
Manual Integrations

APPROVED

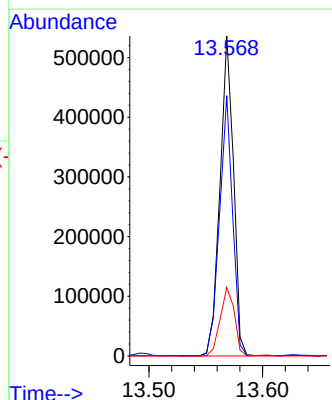
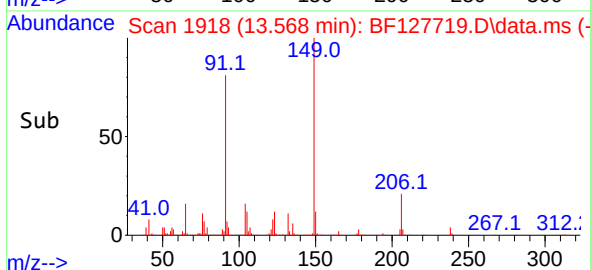
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

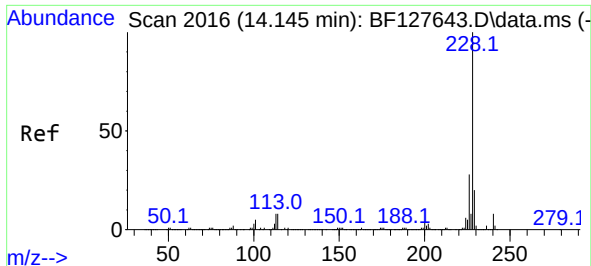


#80
 Butylbenzylphthalate
 Concen: 43.687 ng
 RT: 13.568 min Scan# 1918
 Delta R.T. -0.000 min
 Lab File: BF127719.D
 Acq: 08 Apr 2022 17:56



Tgt Ion:149 Resp: 444633
 Ion Ratio Lower Upper
 149 100
 91 81.4 69.1 103.7
 206 21.4 17.7 26.5





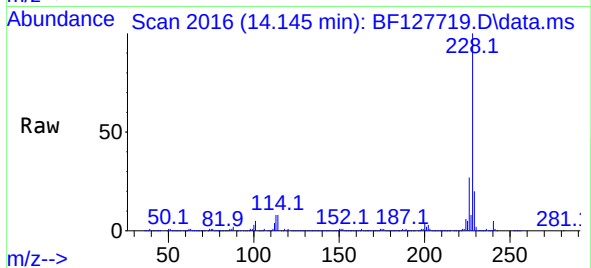
#81
Benzo(a)anthracene
Concen: 44.861 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

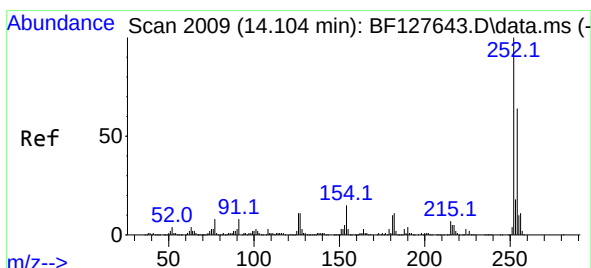
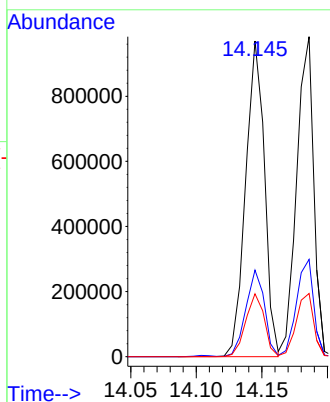
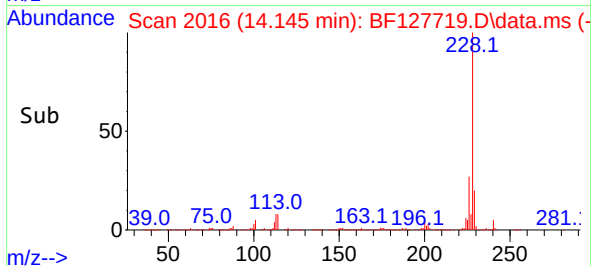


Tgt Ion:228 Resp: 969904
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.9 15.4 23.2

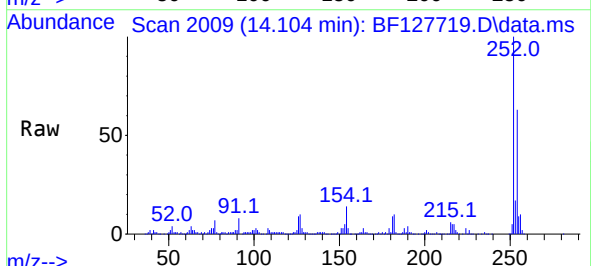
Manual Integrations

APPROVED

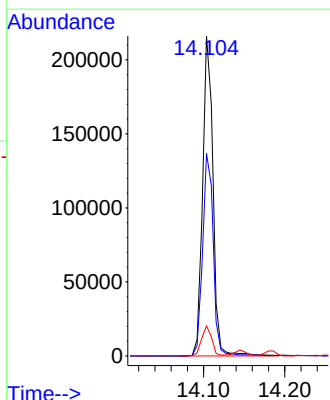
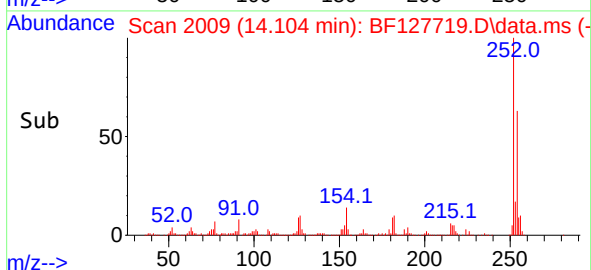
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

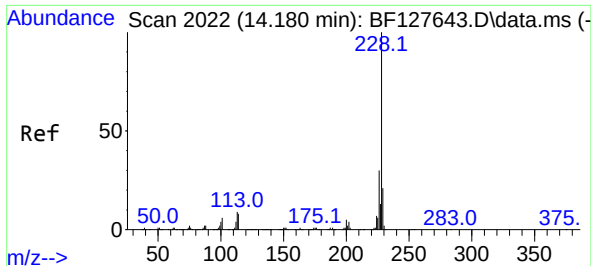


#82
3,3'-Dichlorobenzidine
Concen: 28.386 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:252 Resp: 191328
Ion Ratio Lower Upper
252 100
254 63.3 50.2 75.4
126 9.4 8.7 13.1





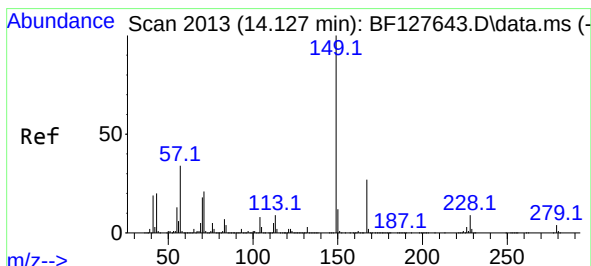
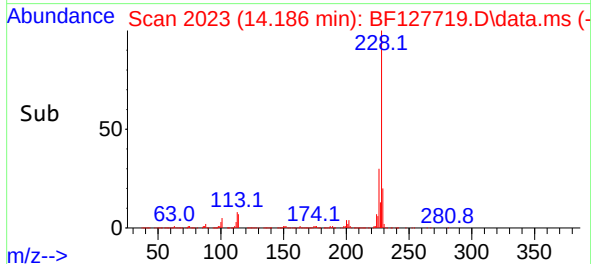
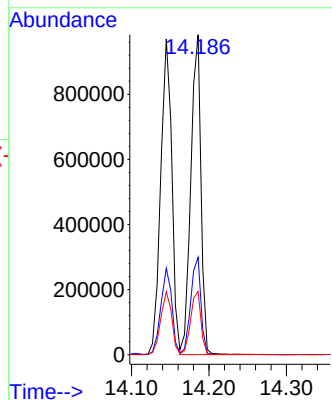
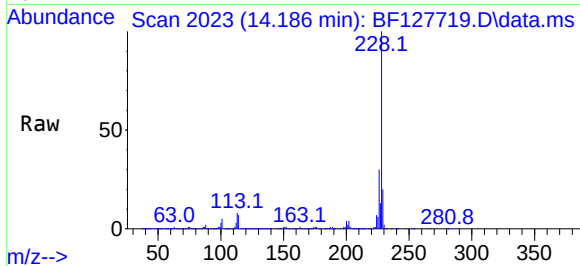
#83
Chrysene
Concen: 43.010 ng
RT: 14.186 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD

Tgt Ion:228 Resp: 89259
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 19.7 15.4 23.2

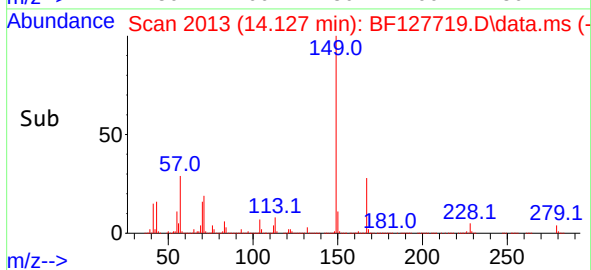
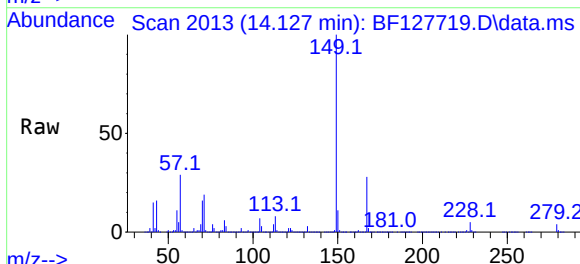
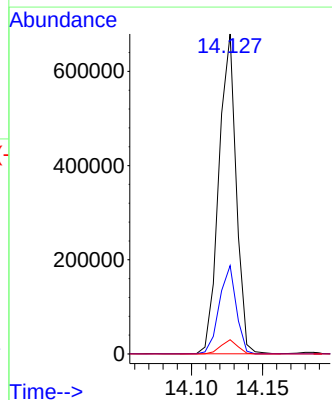
Manual Integrations
APPROVED

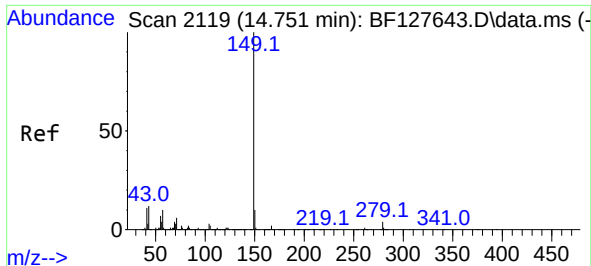
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.085 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

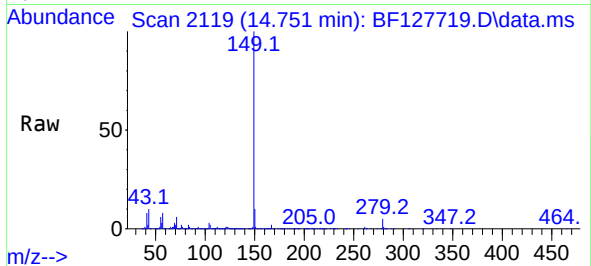
Tgt Ion:149 Resp: 575059
Ion Ratio Lower Upper
149 100
167 27.6 22.9 34.3
279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 41.011 ng
RT: 14.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

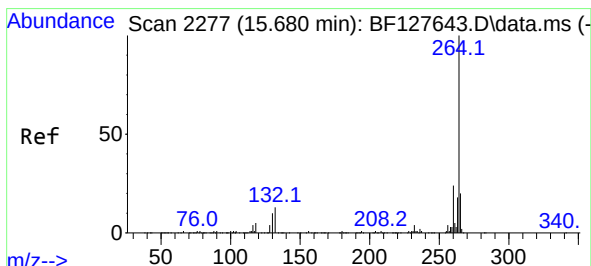
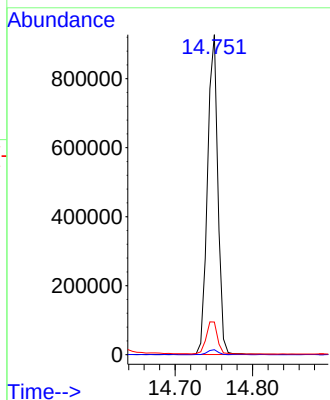
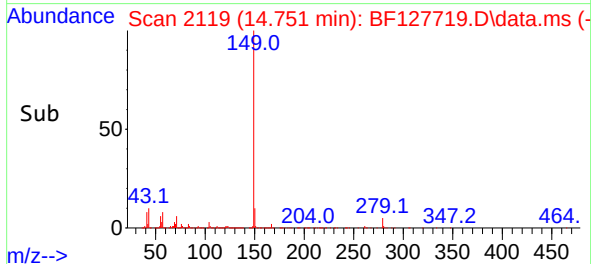
Instrument :
BNA_F
ClientSampleId :
NORTH-3MSD



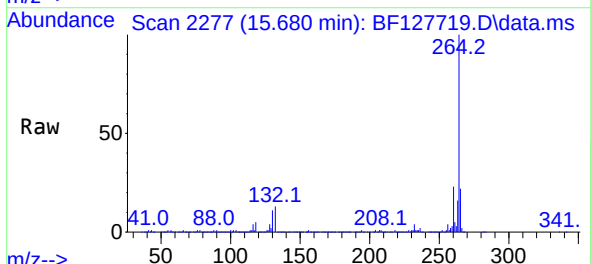
Tgt Ion:149 Resp: 86025
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 11.0 16.6

Manual Integrations
APPROVED

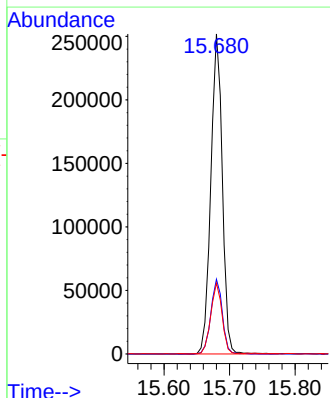
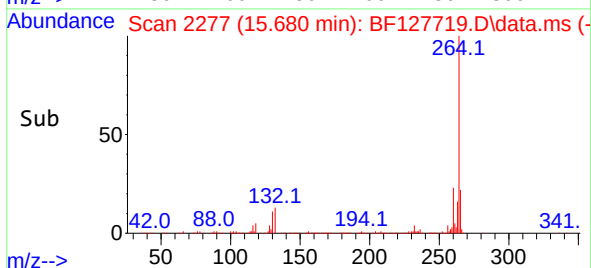
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

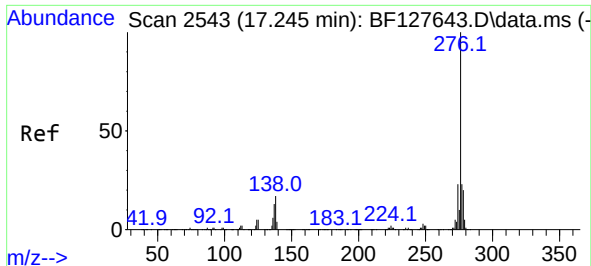


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:264 Resp: 306656
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 22.2 17.4 26.2





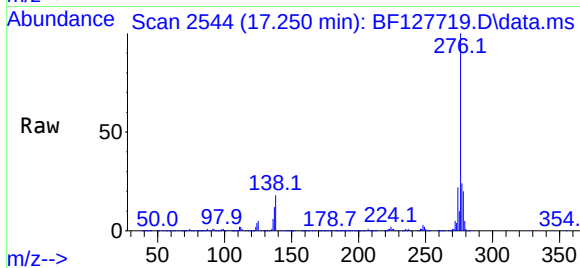
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.319 ng
RT: 17.250 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

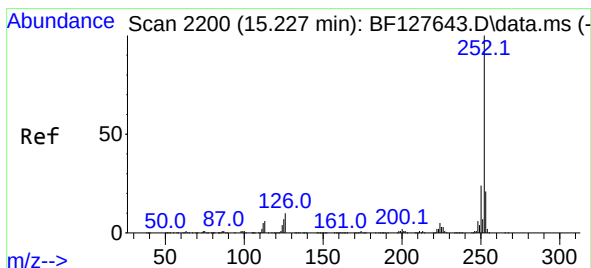
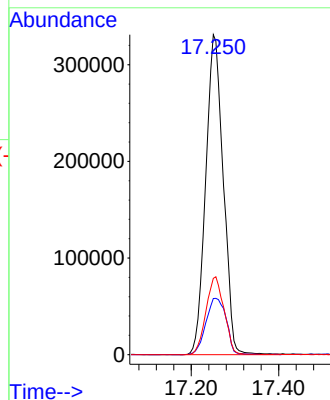
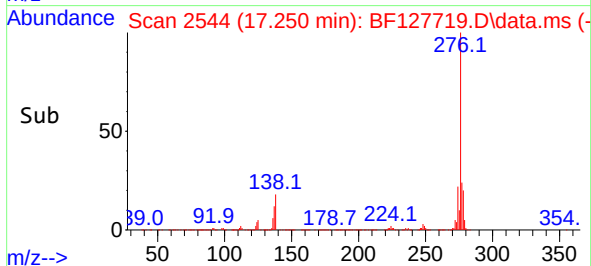


Tgt Ion:276 Resp: 92577
Ion Ratio Lower Upper
276 100
138 20.4 17.1 25.7
277 25.1 19.9 29.9

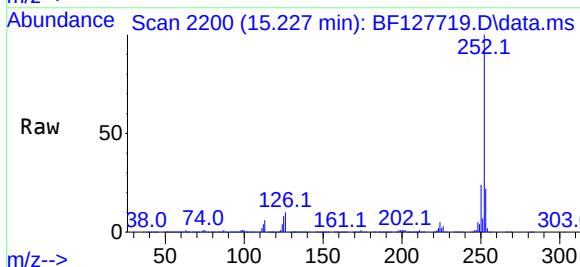
Manual Integrations

APPROVED

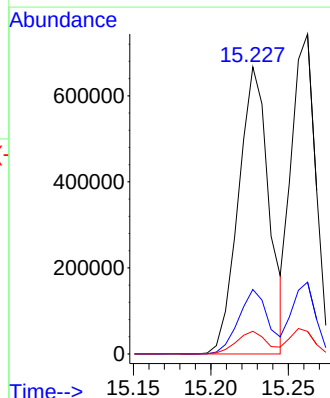
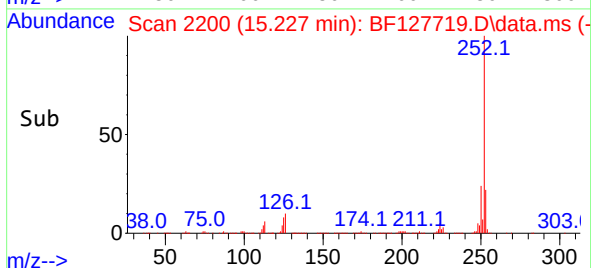
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

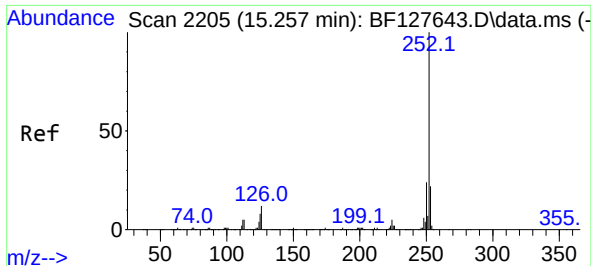


#88
Benzo(b)fluoranthene
Concen: 46.462 ng
RT: 15.227 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56



Tgt Ion:252 Resp: 916565
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 41.322 ng

RT: 15.262 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127719.D

Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

NORTH-3MSD

Tgt Ion:252 Resp: 808488

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

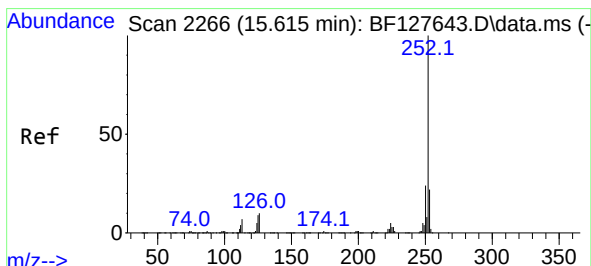
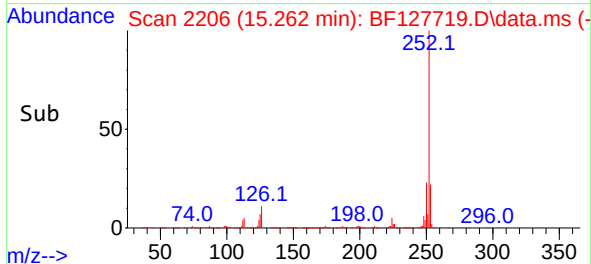
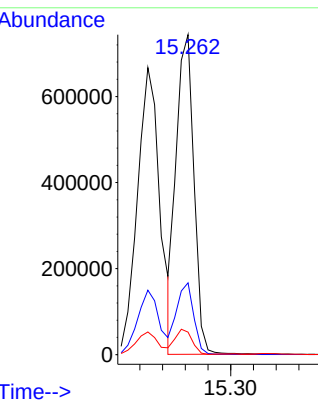
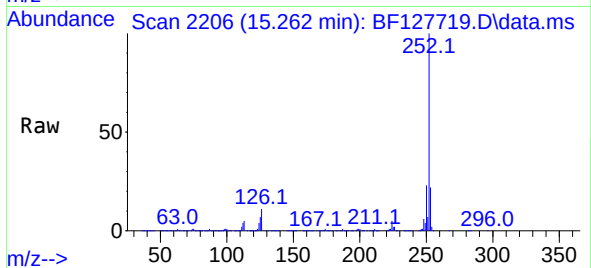
125 7.1 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#90

Benzo(a)pyrene

Concen: 52.976 ng

RT: 15.621 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF127719.D

Acq: 08 Apr 2022 17:56

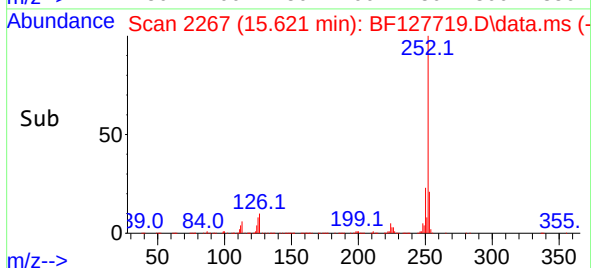
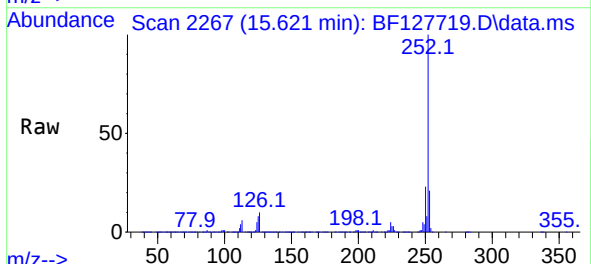
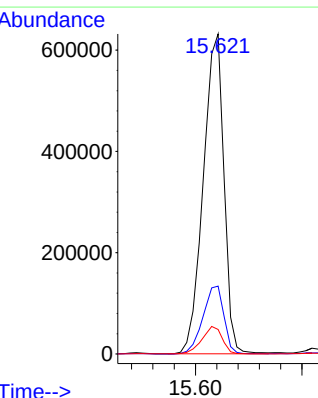
Tgt Ion:252 Resp: 849423

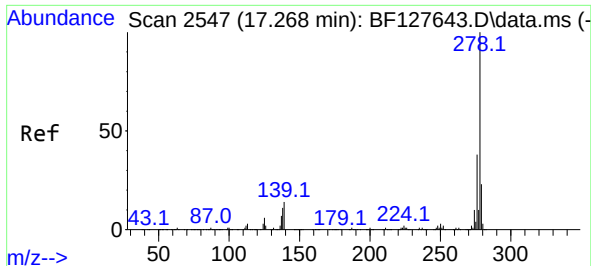
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 7.7 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 50.902 ng
RT: 17.274 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Instrument :

BNA_F

ClientSampleId :

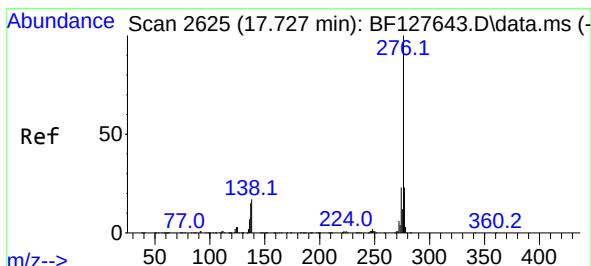
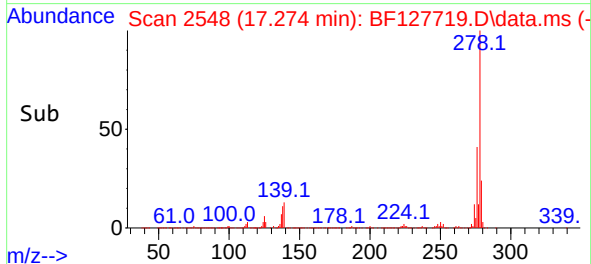
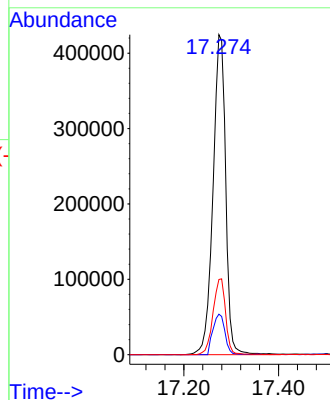
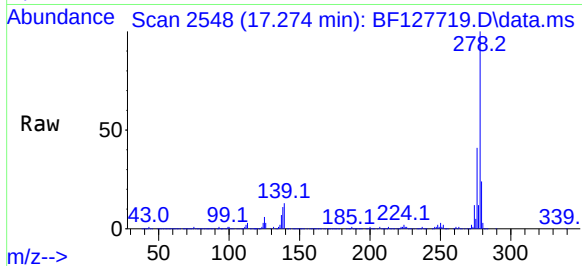
NORTH-3MSD

Tgt Ion:278 Resp: 790190
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#92
Benzo(g,h,i)perylene
Concen: 50.507 ng
RT: 17.733 min Scan# 2626
Delta R.T. 0.006 min
Lab File: BF127719.D
Acq: 08 Apr 2022 17:56

Tgt Ion:276 Resp: 803812
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 16.9 14.6 22.0

