

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127332.D
 Acq On : 15 Mar 2022 19:13
 Operator : CG\JU
 Sample : N1890-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 05:30:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90553	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	342262	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	206210	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	355947	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	203105	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	213988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	659466	117.073	ng	0.02
7) Phenol-d6	6.510	99	859620	110.934	ng	0.00
23) Nitrobenzene-d5	7.440	82	701741	84.674	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	282674	127.340	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1203983	82.546	ng	0.00
79) Terphenyl-d14	12.986	244	1183180	100.311	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	111194	38.071	ng	# 71
3) Pyridine	3.546	79	259331	33.366	ng	# 79
4) n-Nitrosodimethylamine	3.499	42	188846	43.854	ng	# 65
6) Aniline	6.534	93	188494	20.354	ng	# 76
8) 2-Chlorophenol	6.657	128	289503	49.680	ng	94
9) Benzaldehyde	6.428	77	145445	34.109	ng	97
10) Phenol	6.522	94	340661	40.020	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	325962	51.565	ng	90
12) 1,3-Dichlorobenzene	6.810	146	298707	45.665	ng	100
13) 1,4-Dichlorobenzene	6.887	146	304563	46.412	ng	99
14) 1,2-Dichlorobenzene	7.040	146	287552	46.559	ng	96
15) Benzyl Alcohol	7.016	79	284015	48.900	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	560250	47.227	ng	88
17) 2-Methylphenol	7.128	107	245113	49.478	ng	# 90
18) Hexachloroethane	7.375	117	115387	45.774	ng	# 83
19) n-Nitroso-di-n-propyla...	7.287	70	237348	49.083	ng	90
20) 3+4-Methylphenols	7.281	107	275180	42.832	ng	# 73
22) Acetophenone	7.281	105	408316	43.572	ng	# 85
24) Nitrobenzene	7.457	77	363835	46.416	ng	95
25) Isophorone	7.693	82	683230	51.270	ng	# 98
26) 2-Nitrophenol	7.769	139	152256	46.904	ng	# 74
27) 2,4-Dimethylphenol	7.804	122	265509	54.486	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	397622	47.090	ng	98
29) 2,4-Dichlorophenol	8.016	162	264307	47.361	ng	96
30) 1,2,4-Trichlorobenzene	8.093	180	287192	45.140	ng	98
31) Naphthalene	8.175	128	844138	46.235	ng	99
32) Benzoic acid	7.904	122	24402m	12.833	ng	
33) 4-Chloroaniline	8.222	127	58555	8.274	ng	94
34) Hexachlorobutadiene	8.281	225	184808	43.560	ng	98
35) Caprolactam	8.610	113	63898m	38.327	ng	
36) 4-Chloro-3-methylphenol	8.716	107	291044	48.118	ng	99
37) 2-Methylnaphthalene	8.863	142	564719	47.337	ng	97
38) 1-Methylnaphthalene	8.963	142	545544	47.567	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	300456	46.026	ng	# 93
41) Hexachlorocyclopentadiene	9.010	237	272621	98.592	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	189609	46.021	ng	97

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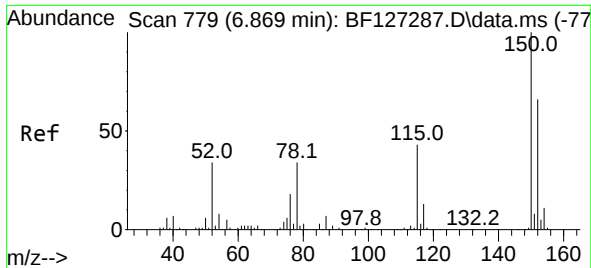
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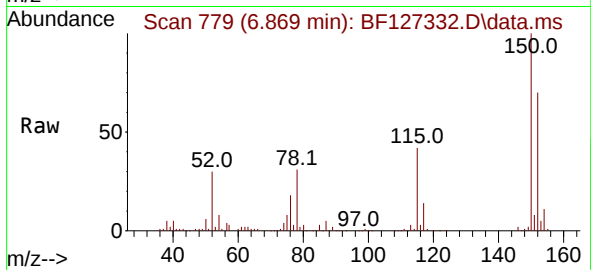
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	208714	47.731	ng	# 90
46) 1,1'-Biphenyl	9.334	154	709888	45.612	ng	97
47) 2-Chloronaphthalene	9.357	162	554944	45.806	ng	99
48) 2-Nitroaniline	9.463	65	219348	47.057	ng	95
49) Acenaphthylene	9.775	152	886392	47.809	ng	99
50) Dimethylphthalate	9.634	163	699075	47.310	ng	# 98
51) 2,6-Dinitrotoluene	9.704	165	150195	50.250	ng	95
52) Acenaphthene	9.945	154	505212	45.714	ng	96
53) 3-Nitroaniline	9.875	138	68862	21.141	ng	97
54) 2,4-Dinitrophenol	9.981	184	56712	36.620	ng	93
55) Dibenzofuran	10.122	168	755613	44.010	ng	99
56) 4-Nitrophenol	10.045	139	166732	84.218	ng	# 74
57) 2,4-Dinitrotoluene	10.110	165	183857	46.752	ng	# 92
58) Fluorene	10.463	166	600734	45.123	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174430	48.001	ng	# 79
60) Diethylphthalate	10.334	149	635314	47.136	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	326155	45.205	ng	89
62) 4-Nitroaniline	10.492	138	136950	42.193	ng	# 82
63) Azobenzene	10.610	77	710396	45.851	ng	89
65) 4,6-Dinitro-2-methylph...	10.516	198	55964	25.500	ng	# 81
66) n-Nitrosodiphenylamine	10.575	169	520781	47.109	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	207257	48.303	ng	# 89
68) Hexachlorobenzene	11.010	284	222133	47.503	ng	# 87
69) Atrazine	11.104	200	192435	50.446	ng	93
70) Pentachlorophenol	11.210	266	192331	101.868	ng	98
71) Phenanthrene	11.428	178	865580	46.066	ng	100
72) Anthracene	11.481	178	873939	46.964	ng	99
73) Carbazole	11.639	167	744034	42.459	ng	98
74) Di-n-butylphthalate	11.957	149	926353	45.196	ng	99
75) Fluoranthene	12.616	202	847113	40.321	ng	93
77) Benzidine	12.739	184	128856	24.948	ng	97
78) Pyrene	12.851	202	818410	51.733	ng	99
80) Butylbenzylphthalate	13.457	149	303119	49.786	ng	# 96
81) Benzo(a)anthracene	14.039	228	654522	47.861	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	96260	22.638	ng	# 95
83) Chrysene	14.075	228	601554	47.293	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	419406	51.173	ng	# 98
85) Di-n-octyl phthalate	14.627	149	710458	57.273	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	704038	54.615	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	639153	45.504	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	633793	47.989	ng	# 94
90) Benzo(a)pyrene	15.474	252	627363	56.720	ng	# 92
91) Dibenzo(a,h)anthracene	17.063	278	622737	58.042	ng	# 90
92) Benzo(g,h,i)perylene	17.504	276	610800	58.363	ng	# 85

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

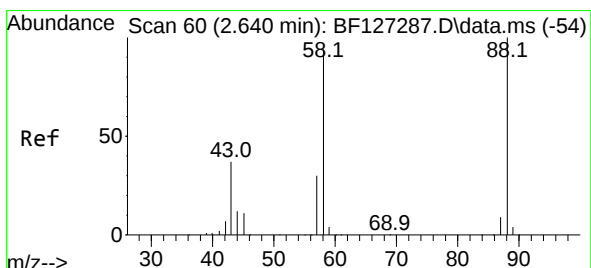
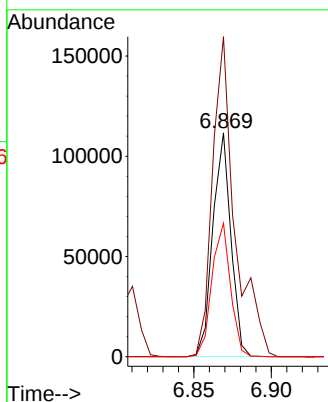
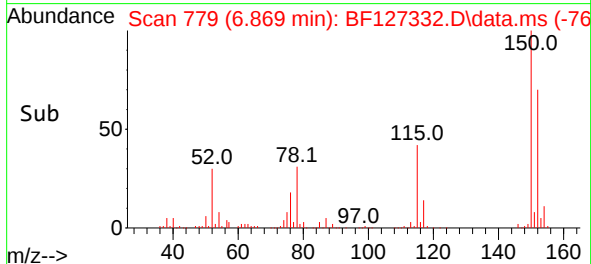
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



Tgt Ion:152 Resp: 9055
 Ion Ratio Lower Upper
 152 100
 150 142.9 128.1 192.1
 115 59.6 56.7 85.1

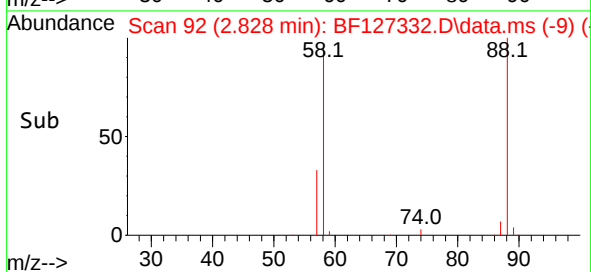
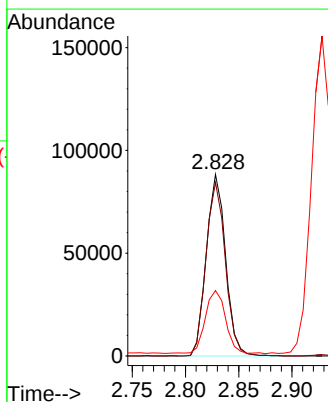
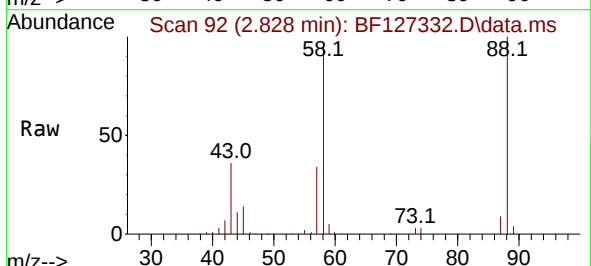
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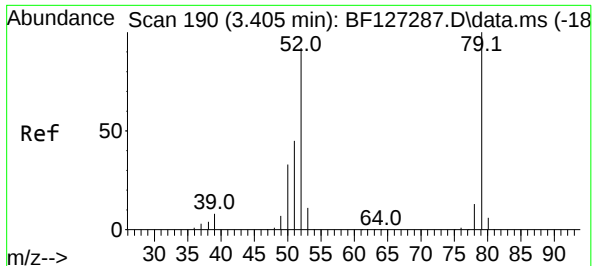
Reviewed By :Christian Giraldo 03/16/2022
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#2
 1,4-Dioxane
 Concen: 38.071 ng
 RT: 2.828 min Scan# 92
 Delta R.T. 0.188 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

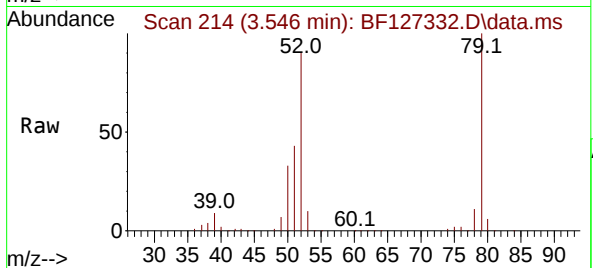
Tgt Ion: 88 Resp: 111194
 Ion Ratio Lower Upper
 88 100
 58 96.5 62.8 94.2#
 43 0.0 22.3 33.5#





#3
Pyridine
Concen: 33.366 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.141 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

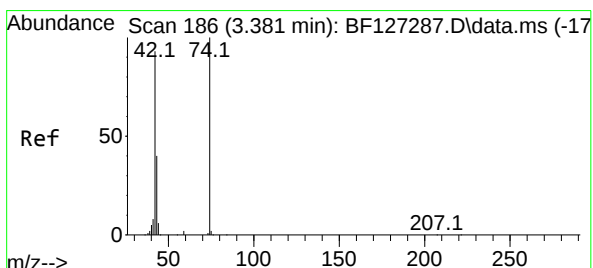
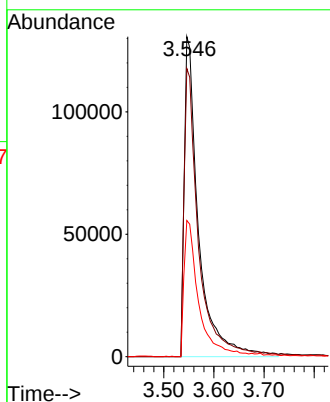
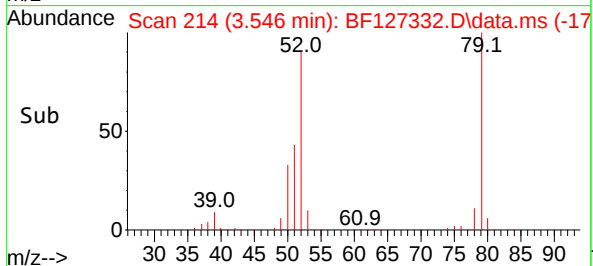
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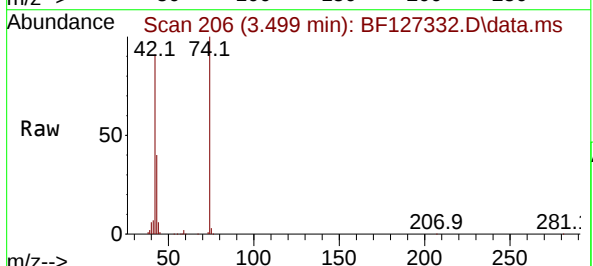
Tgt Ion: 79 Resp: 25933
Ion Ratio Lower Upper
79 100
52 90.1 56.2 84.4
51 42.5 26.7 40.1

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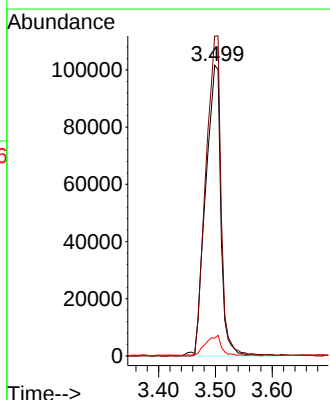
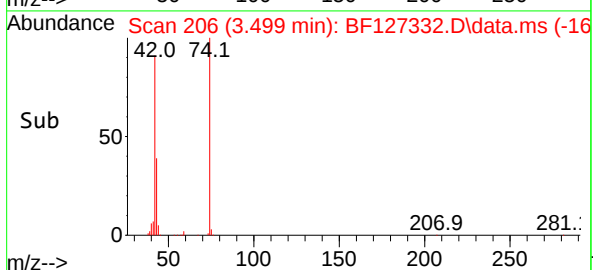
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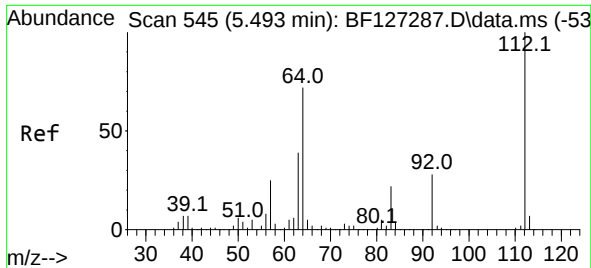


#4
n-Nitrosodimethylamine
Concen: 43.854 ng
RT: 3.499 min Scan# 206
Delta R.T. 0.118 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion: 42 Resp: 188846
Ion Ratio Lower Upper
42 100
74 110.1 125.6 188.4
44 6.1 5.7 8.5





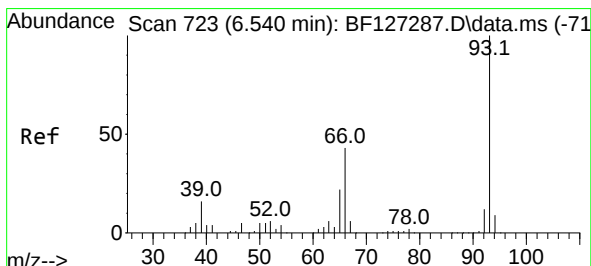
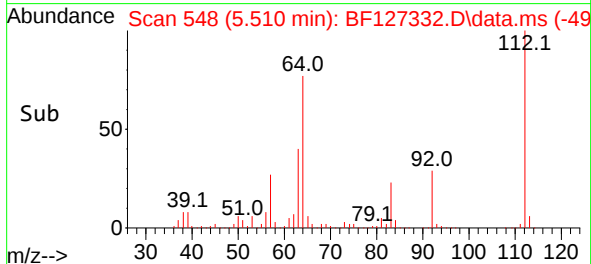
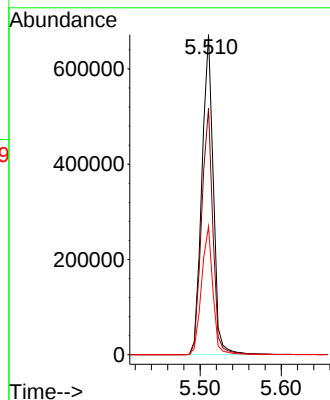
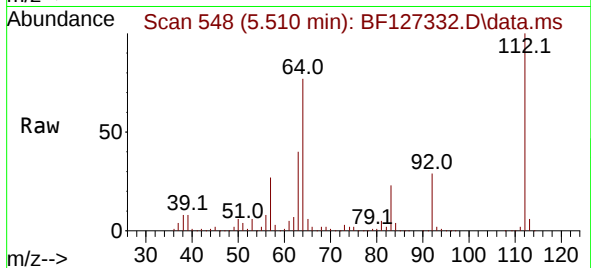
#5
2-Fluorophenol
Concen: 117.073 ng
RT: 5.510 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

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VNJ-232MS

Tgt Ion:112 Resp: 659460
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 40.1 23.9 35.9#

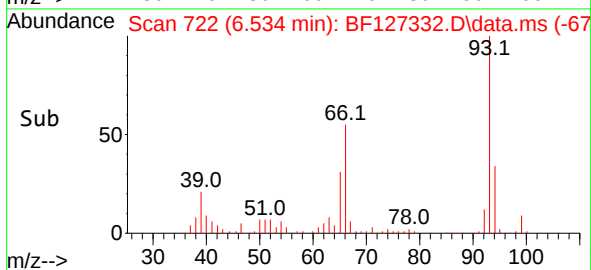
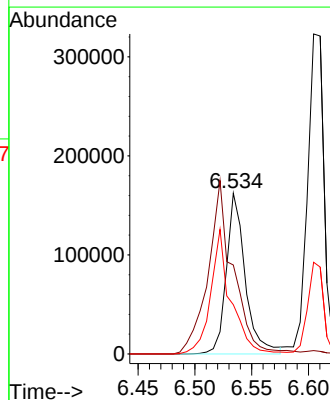
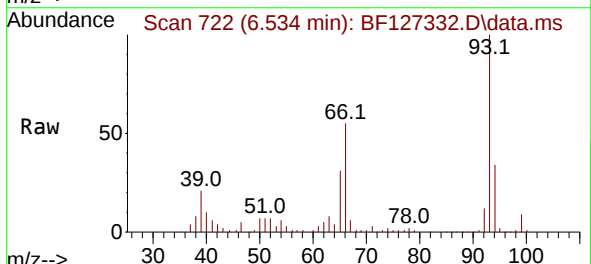
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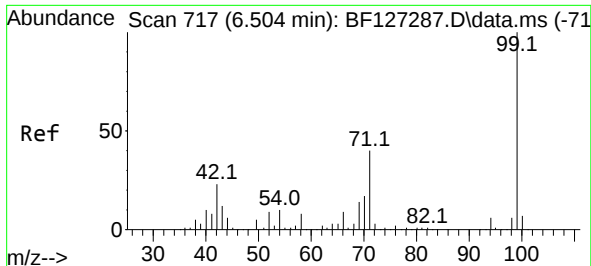
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#6
Aniline
Concen: 20.354 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion: 93 Resp: 188494
Ion Ratio Lower Upper
93 100
66 55.3 32.2 48.4#
65 30.7 16.3 24.5#





#7

Phenol-d6

Concen: 110.934 ng

RT: 6.510 min Scan# 717

Delta R.T. 0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

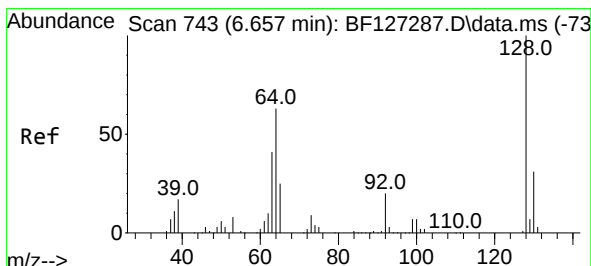
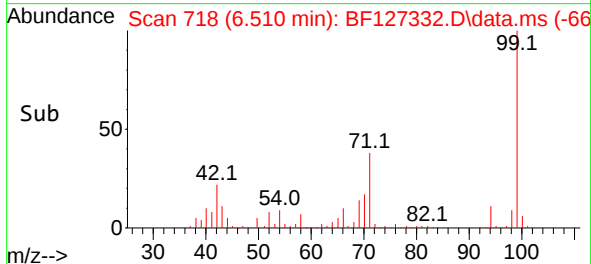
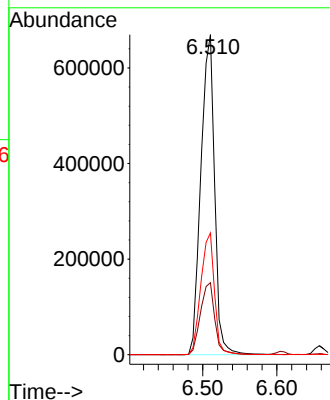
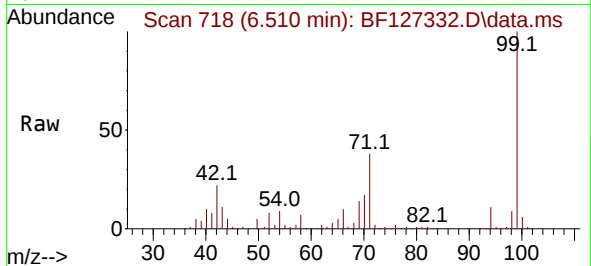
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Tgt Ion: 99 Resp: 859620
 Ion Ratio Lower Upper
 99 100
 42 22.5 14.2 21.4
 71 38.0 24.3 36.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.680 ng

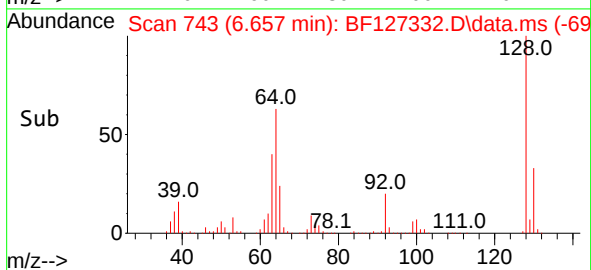
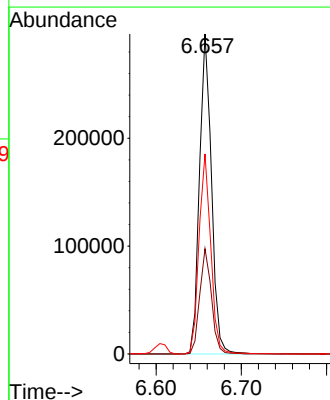
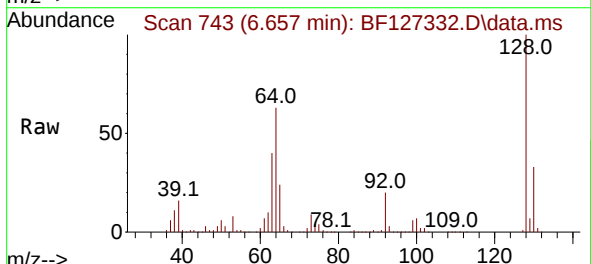
RT: 6.657 min Scan# 743

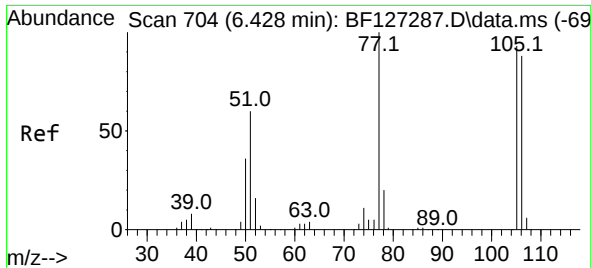
Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Tgt Ion:128 Resp: 289503
 Ion Ratio Lower Upper
 128 100
 130 32.9 12.7 52.7
 64 62.5 35.6 75.6





#9
Benzaldehyde
Concen: 34.109 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

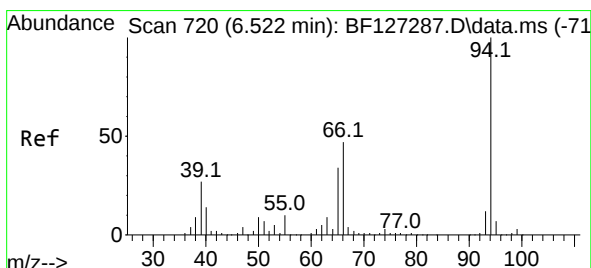
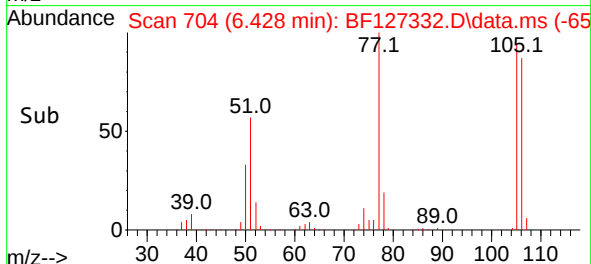
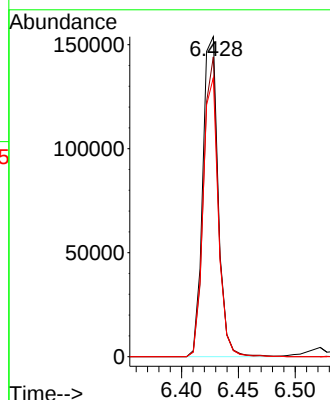
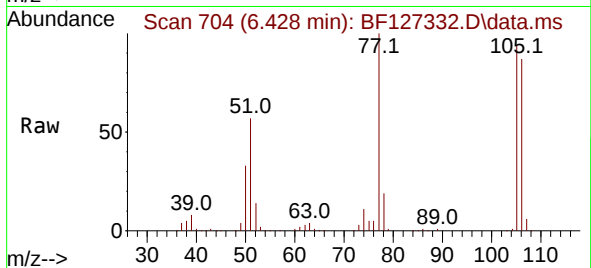
VNJ-232MS

Tgt Ion: 77 Resp: 145445
Ion Ratio Lower Upper
77 100
105 93.7 74.9 114.9
106 87.1 72.4 112.4

Manual Integrations

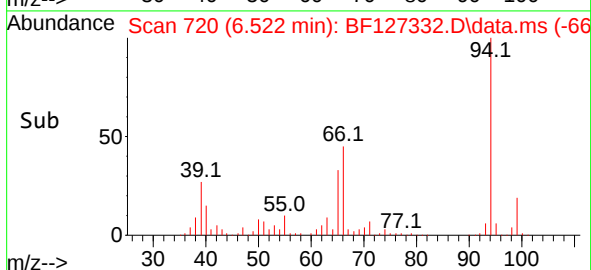
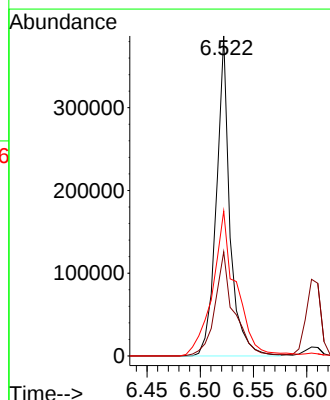
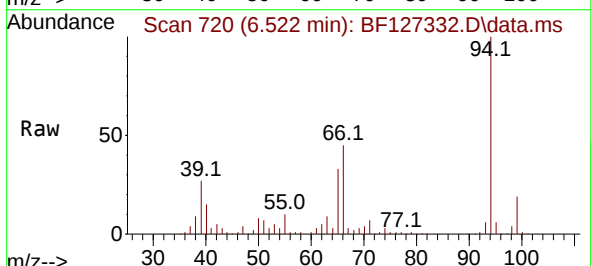
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#10
Phenol
Concen: 40.020 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion: 94 Resp: 340661
Ion Ratio Lower Upper
94 100
65 32.6 7.2 47.2
66 45.3 14.5 54.5





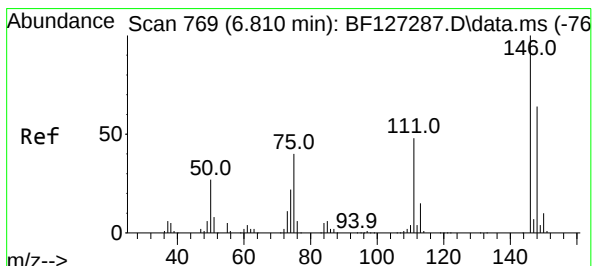
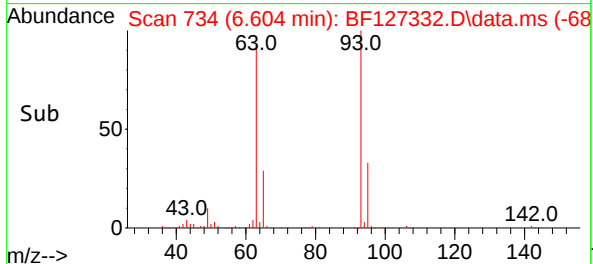
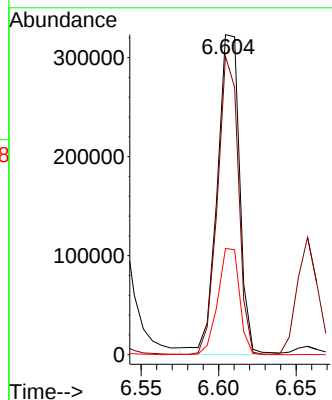
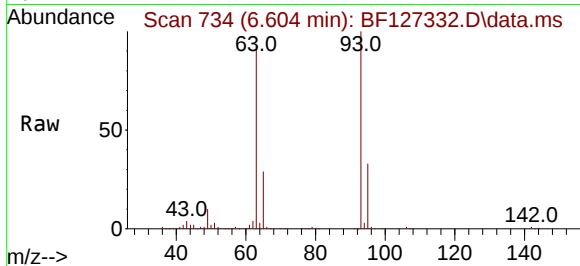
#11
bis(2-Chloroethyl)ether
Concen: 51.565 ng
RT: 6.604 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion: 93 Resp: 325962
Ion Ratio Lower Upper
93 100
63 93.2 60.5 100.5
95 33.2 12.9 52.9

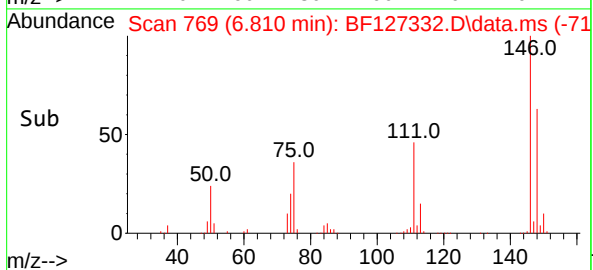
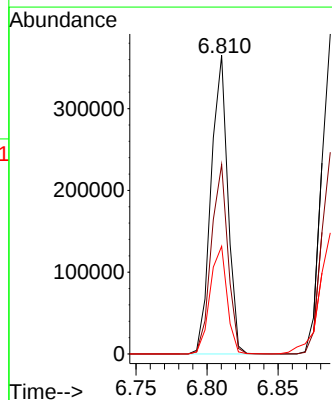
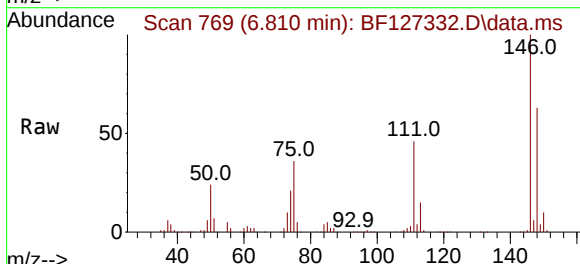
Manual Integrations
APPROVED

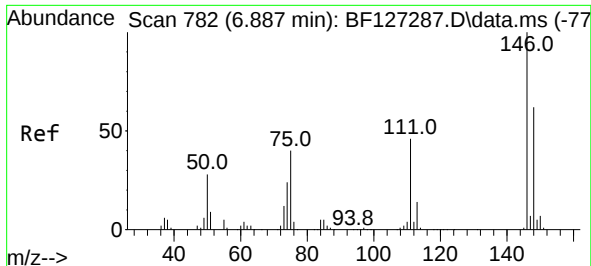
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#12
1,3-Dichlorobenzene
Concen: 45.665 ng
RT: 6.810 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

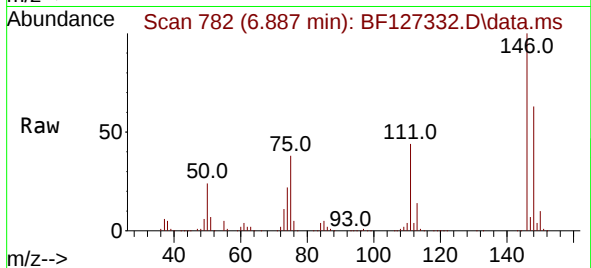
Tgt Ion:146 Resp: 298707
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 36.1 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 46.412 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

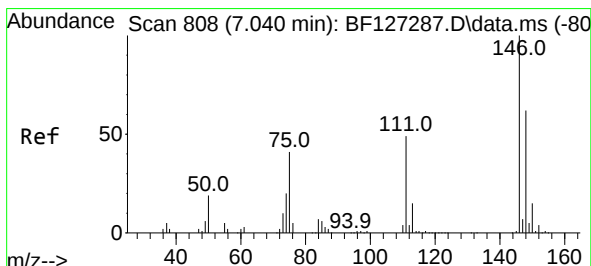
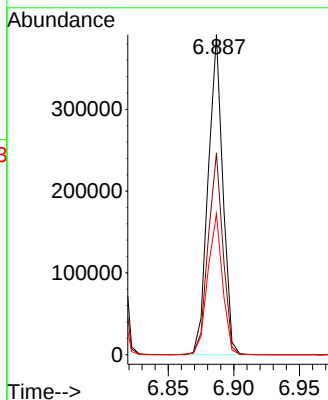
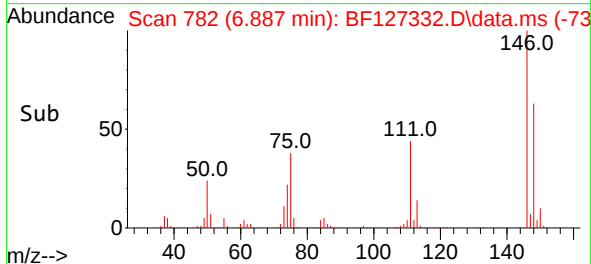
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



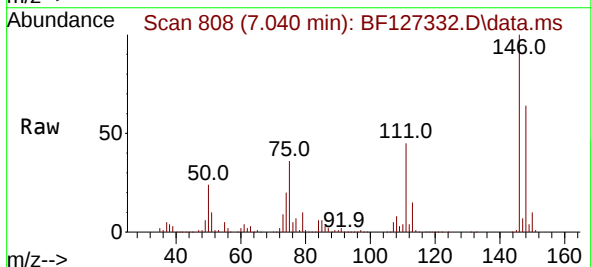
Tgt Ion:146 Resp: 30456
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.6
111 44.0 36.1 54.1

Manual Integrations
APPROVED

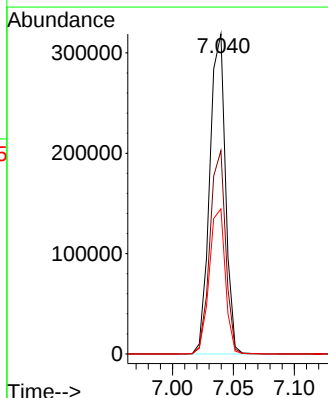
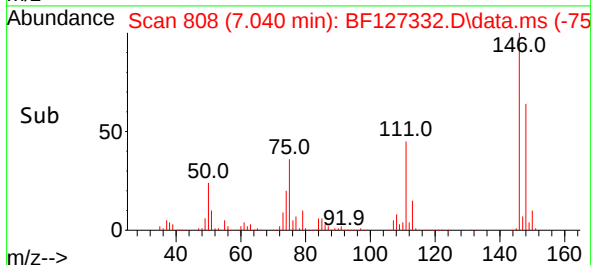
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

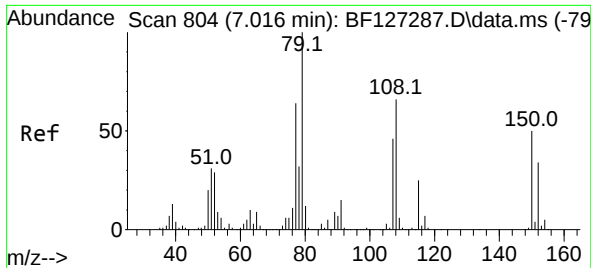


#14
1,2-Dichlorobenzene
Concen: 46.559 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



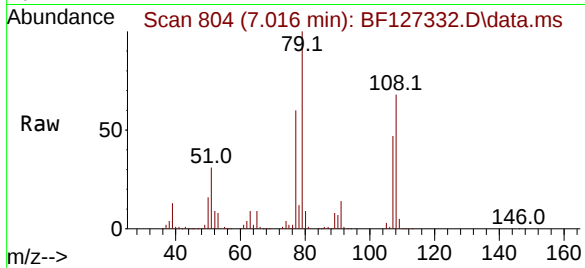
Tgt Ion:146 Resp: 287552
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 45.3 40.2 60.2





#15
Benzyl Alcohol
Concen: 48.900 ng
RT: 7.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

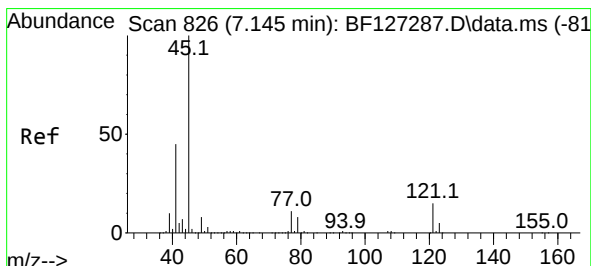
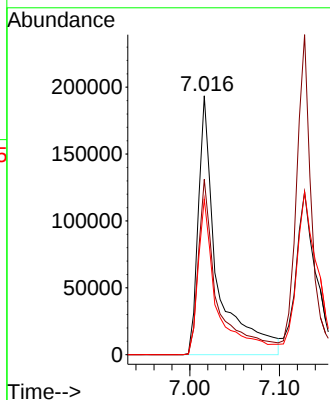
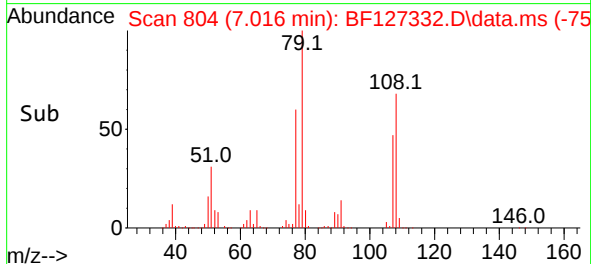
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



Tgt Ion: 79 Resp: 284015
Ion Ratio Lower Upper
79 100
108 67.7 63.2 94.8
77 60.1 49.4 74.2

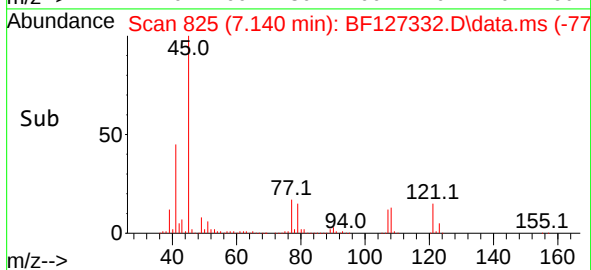
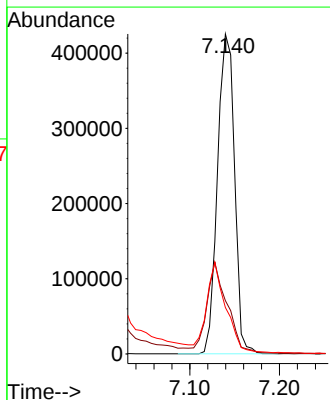
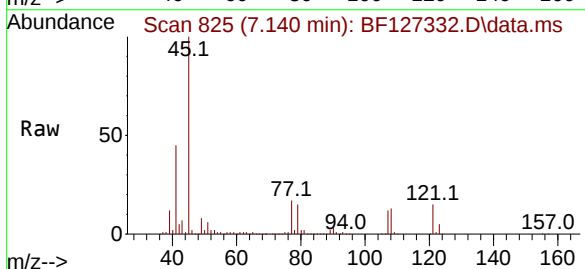
Manual Integrations
APPROVED

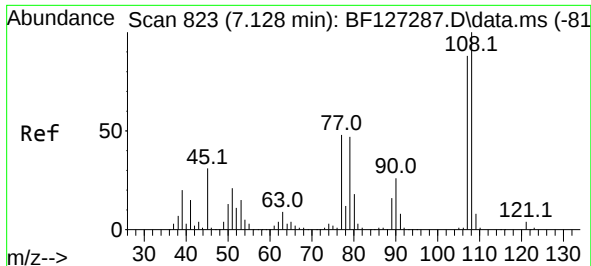
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.227 ng
RT: 7.140 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion: 45 Resp: 560250
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.4
79 14.5 0.0 29.8





#17

2-Methylphenol

Concen: 49.478 ng

RT: 7.128 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:107 Resp: 24511

Ion Ratio Lower Upper

107 100

108 115.6 93.4 140.0

77 58.8 36.1 54.1

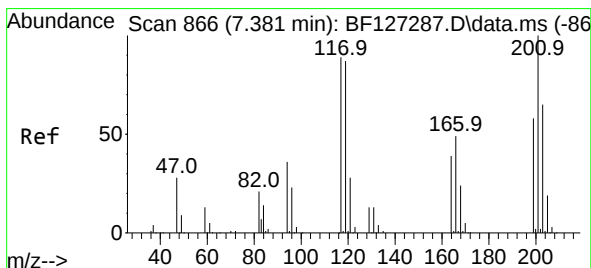
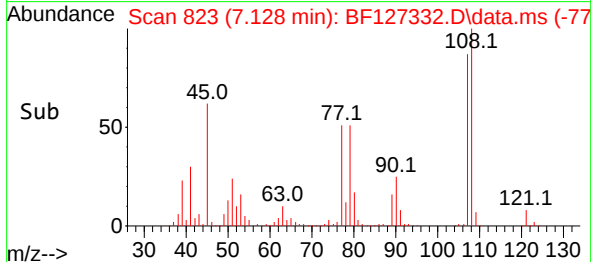
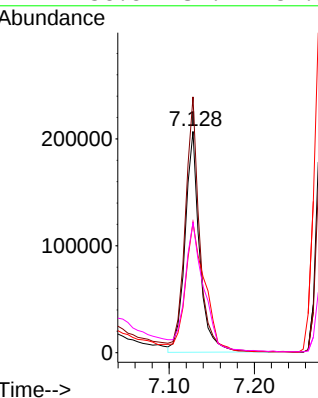
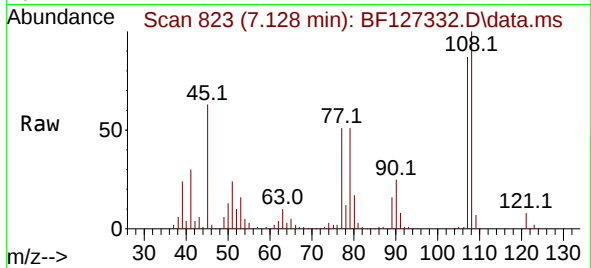
79 58.8 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#18

Hexachloroethane

Concen: 45.774 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

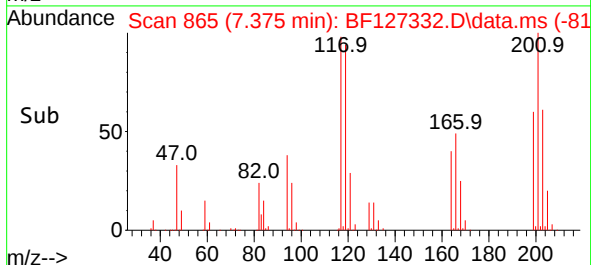
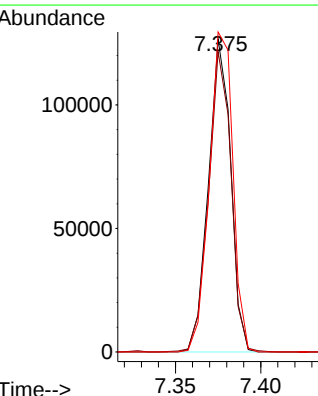
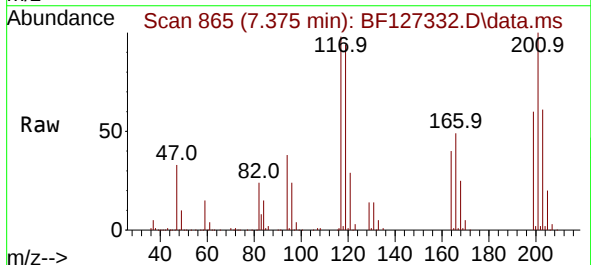
Tgt Ion:117 Resp: 115387

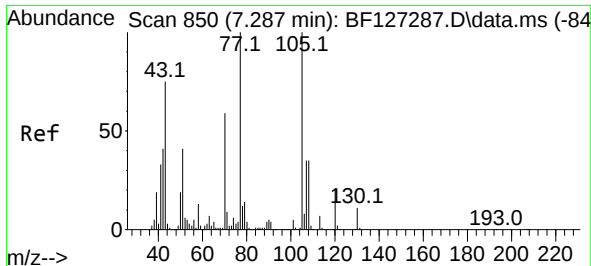
Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.0

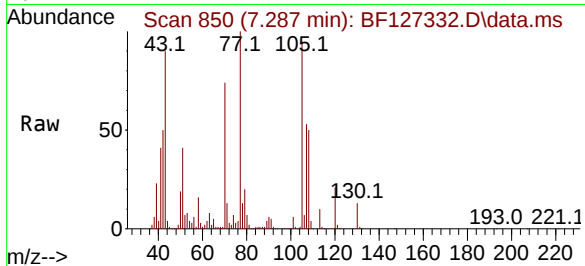
201 102.3 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.083 ng
RT: 7.287 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

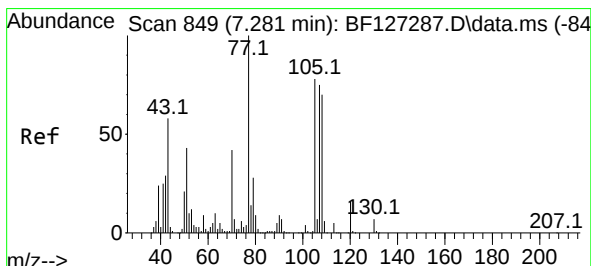
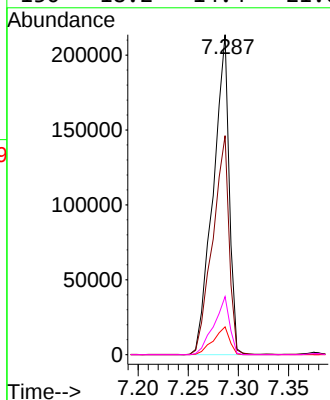
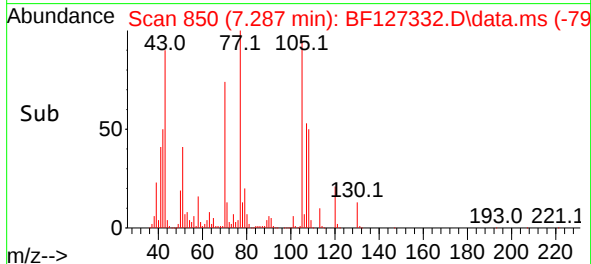
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



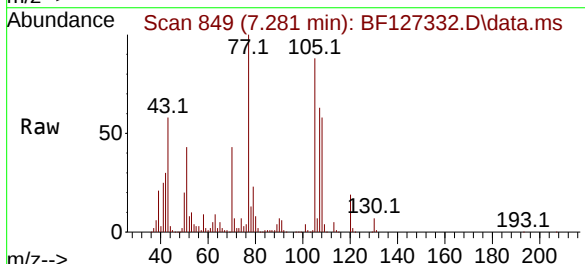
Tgt Ion: 70 Resp: 237348
Ion Ratio Lower Upper
70 100
42 68.5 45.8 68.8
101 8.7 6.9 10.3
130 18.2 14.4 21.6

Manual Integrations
APPROVED

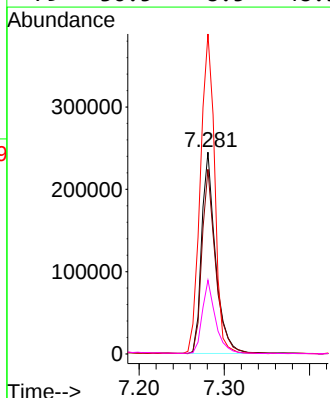
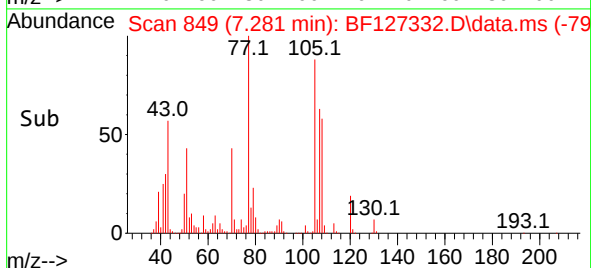
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

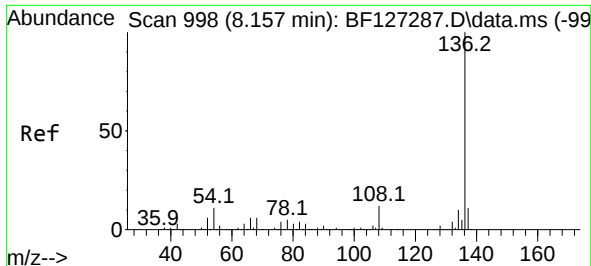


#20
3+4-Methylphenols
Concen: 42.832 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



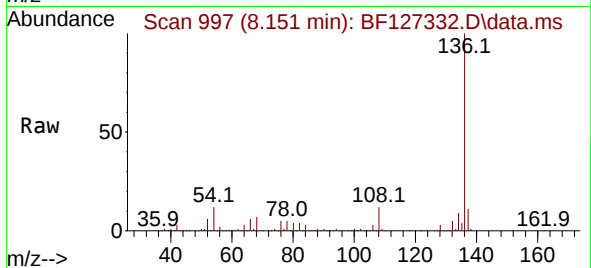
Tgt Ion:107 Resp: 275180
Ion Ratio Lower Upper
107 100
108 91.5 72.4 112.4
77 158.5 83.8 123.8#
79 36.5 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

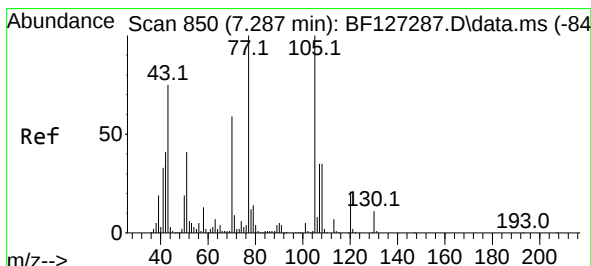
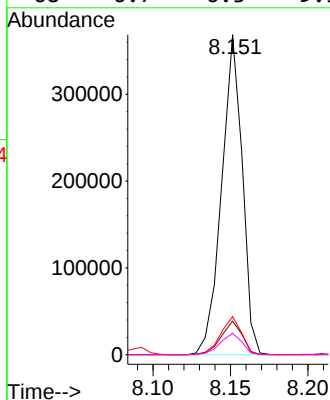
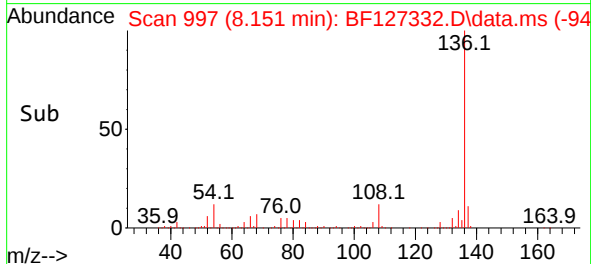
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



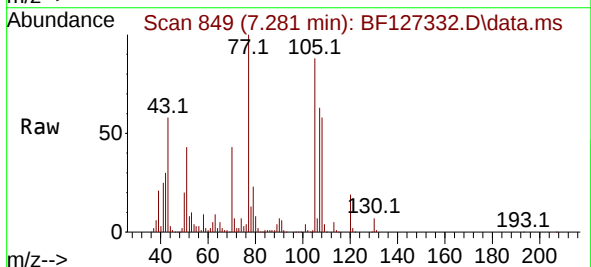
Tgt Ion:136 Resp: 342262
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.9 7.8 11.6
68 6.7 6.3 9.5

Manual Integrations
APPROVED

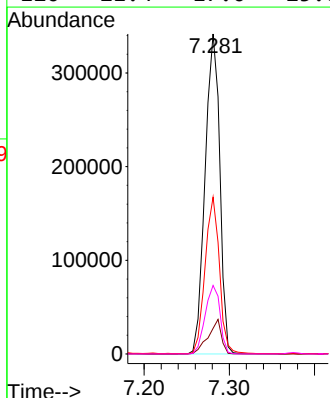
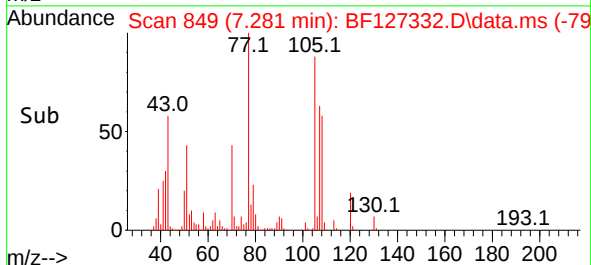
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#22
Acetophenone
Concen: 43.572 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:105 Resp: 408316
Ion Ratio Lower Upper
105 100
71 8.0 5.4 8.0
51 49.0 27.4 41.0
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 84.674 ng

RT: 7.440 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion: 82 Resp: 70174

Ion Ratio Lower Upper

82 100

128 38.2 32.7 49.1

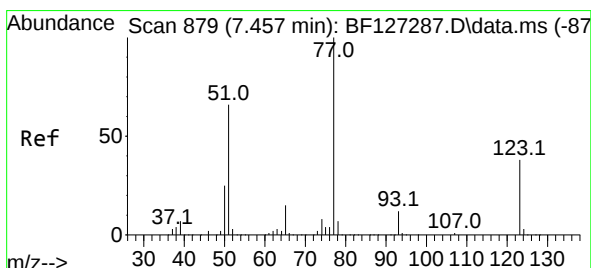
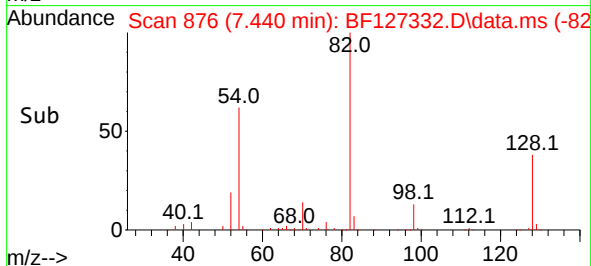
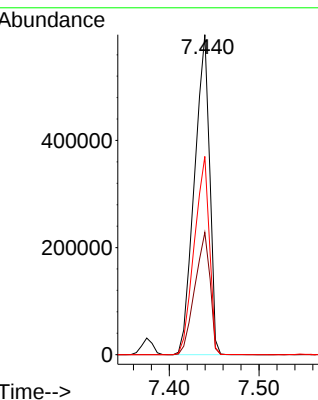
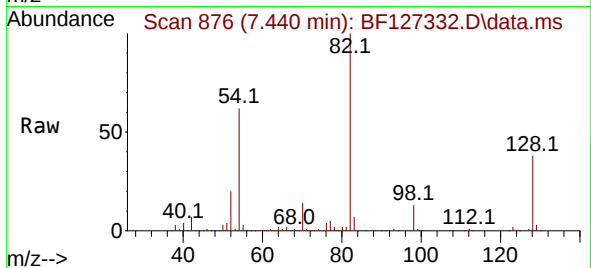
54 62.0 41.7 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#24

Nitrobenzene

Concen: 46.416 ng

RT: 7.457 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

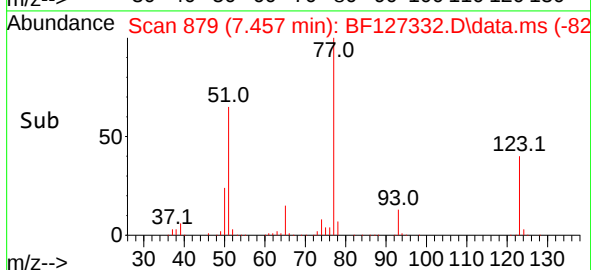
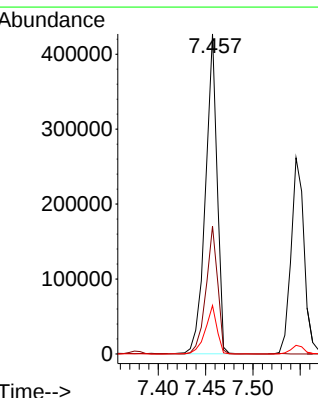
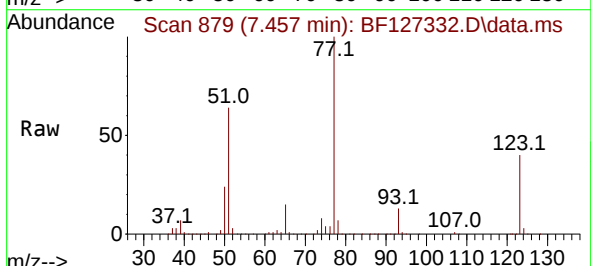
Tgt Ion: 77 Resp: 363835

Ion Ratio Lower Upper

77 100

123 40.0 34.6 52.0

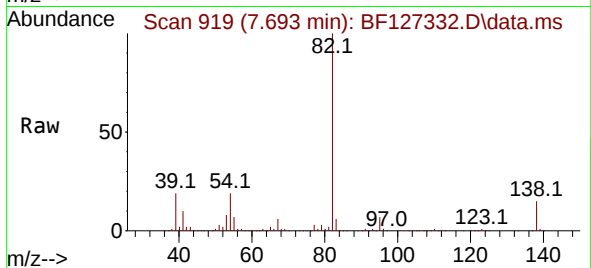
65 15.1 10.6 15.8





#25
Isophorone
Concen: 51.270 ng
RT: 7.693 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

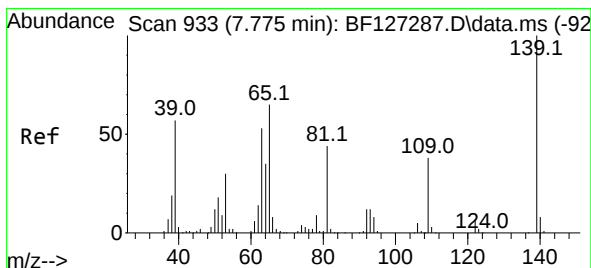
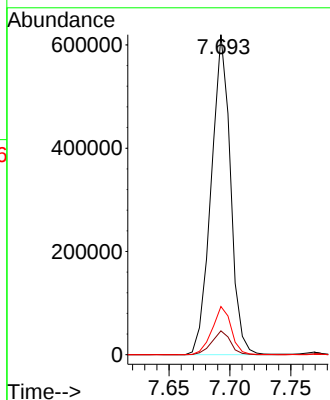
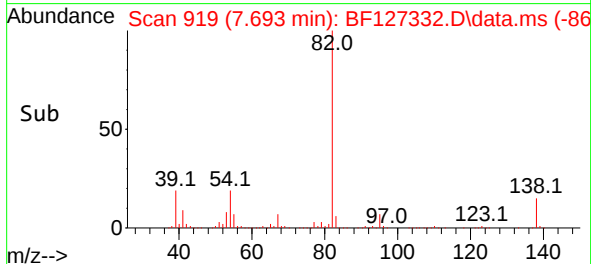
Instrument :
BNA_F
Client SampleId :
VNJ-232MS



Tgt Ion: 82 Resp: 683230
Ion Ratio Lower Upper
82 100
95 7.5 5.0 7.4#
138 15.0 12.3 18.5

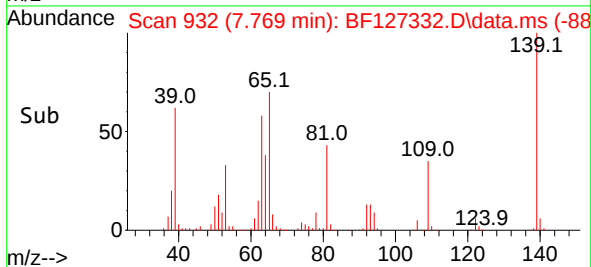
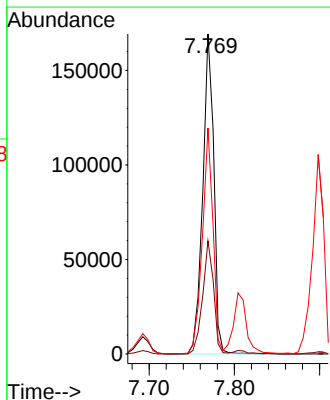
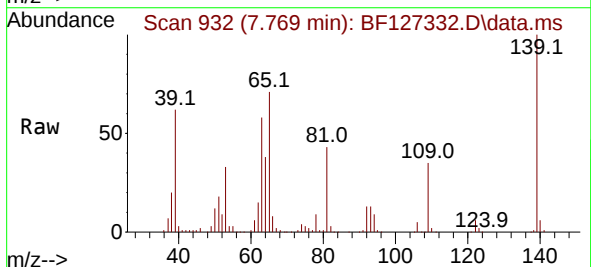
Manual Integrations
APPROVED

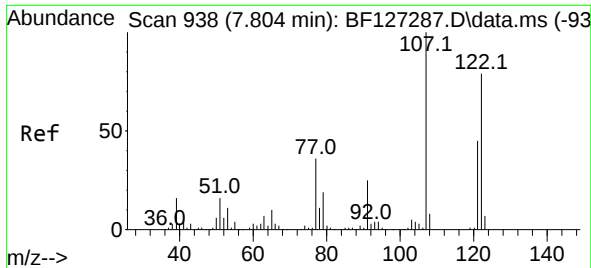
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#26
2-Nitrophenol
Concen: 46.904 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion:139 Resp: 152256
Ion Ratio Lower Upper
139 100
109 35.4 20.0 30.0#
65 70.6 40.8 61.2#





#27
 2,4-Dimethylphenol
 Concen: 54.486 ng
 RT: 7.804 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

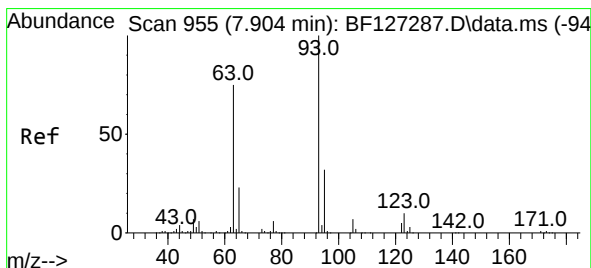
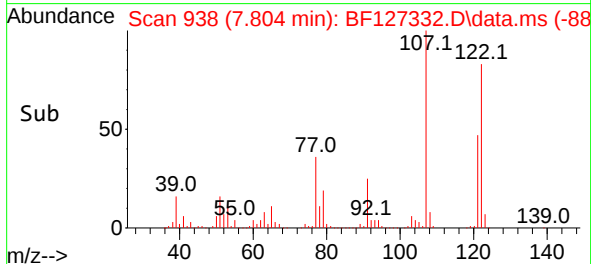
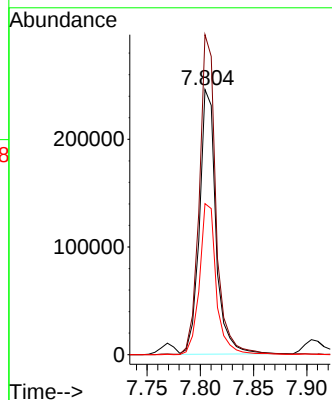
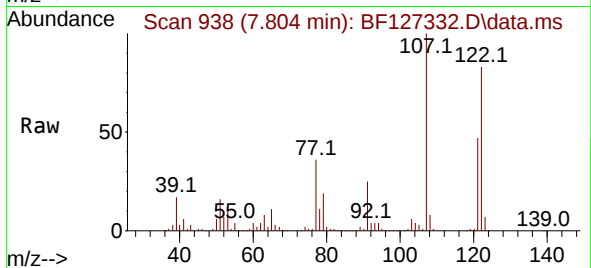
ClientSampleId :

VNJ-232MS

Tgt Ion:122 Resp: 265509
 Ion Ratio Lower Upper
 122 100
 107 120.7 91.2 136.8
 121 57.0 44.4 66.6

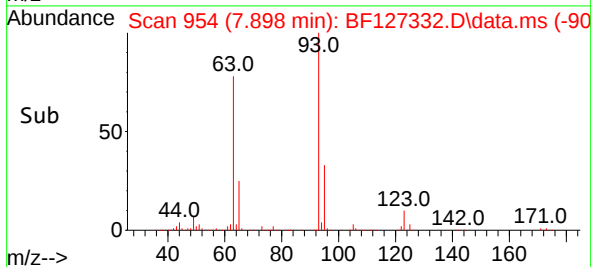
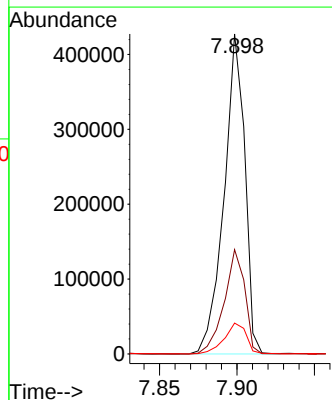
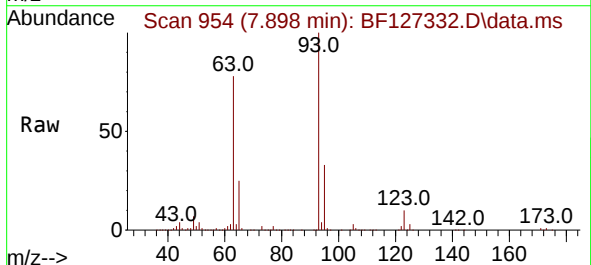
Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.090 ng
 RT: 7.898 min Scan# 954
 Delta R.T. -0.006 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

Tgt Ion: 93 Resp: 397622
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.2
 123 9.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.361 ng

RT: 8.016 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

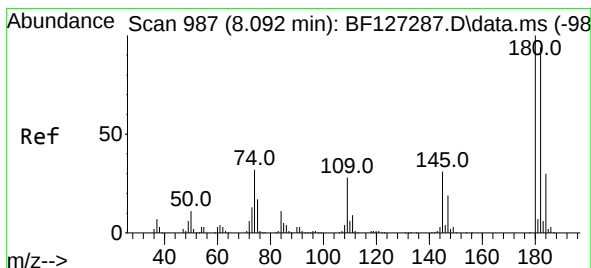
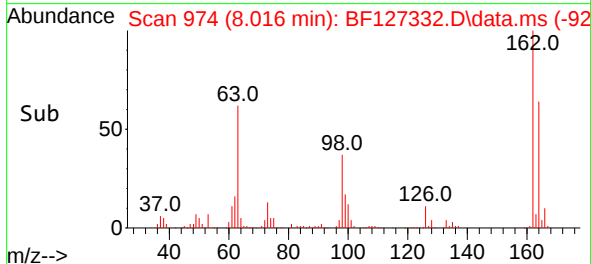
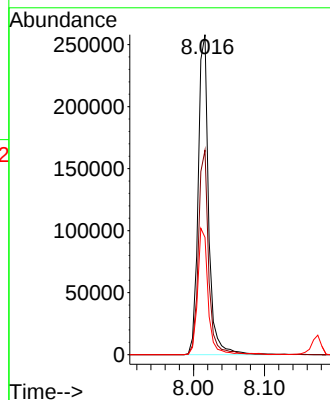
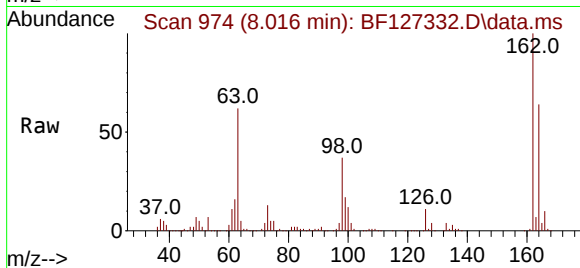
Tgt Ion:162	Resp: 26430
Ion Ratio	Lower Upper
162 100	
164 63.9	43.8 83.8
98 36.7	23.6 63.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.140 ng

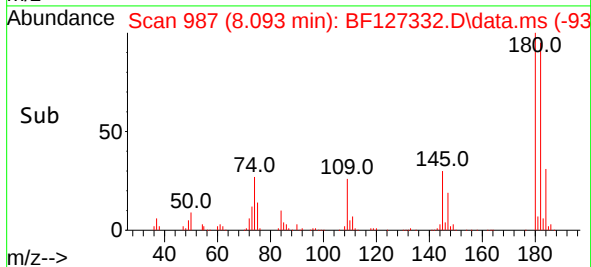
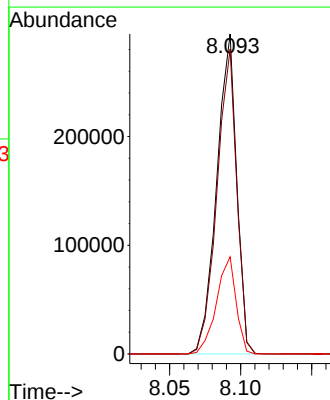
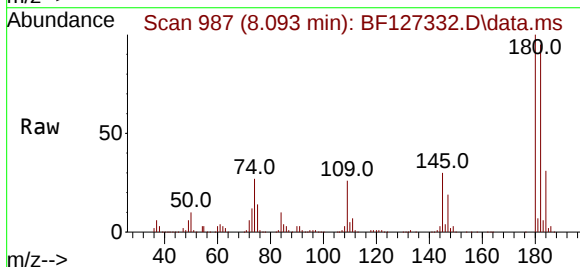
RT: 8.093 min Scan# 987

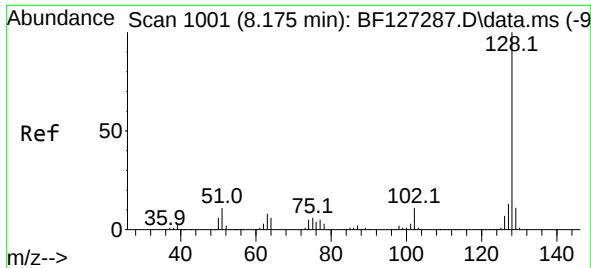
Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

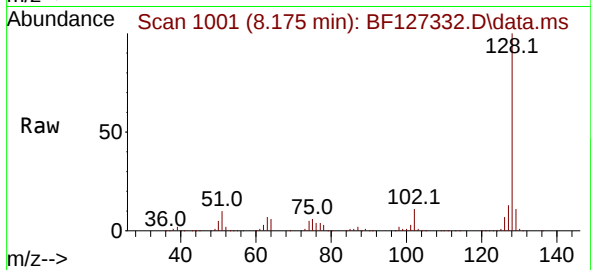
Tgt Ion:180	Resp: 287192
Ion Ratio	Lower Upper
180 100	
182 95.3	75.5 113.3
145 30.4	26.2 39.2





#31
Naphthalene
Concen: 46.235 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

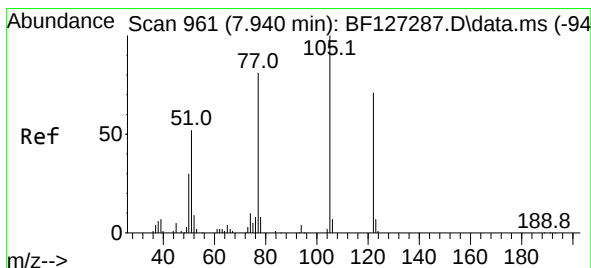
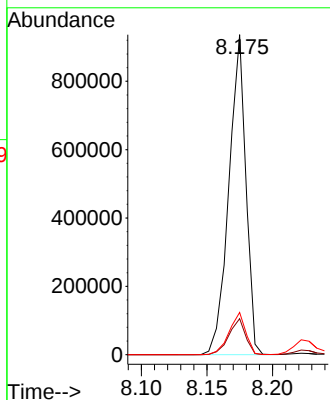
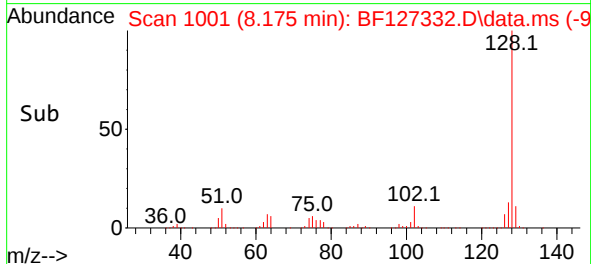
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



Tgt Ion:128 Resp: 844138
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.3 15.5

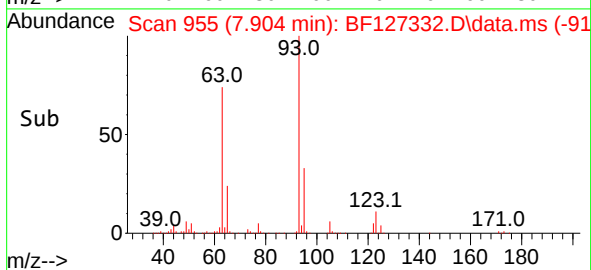
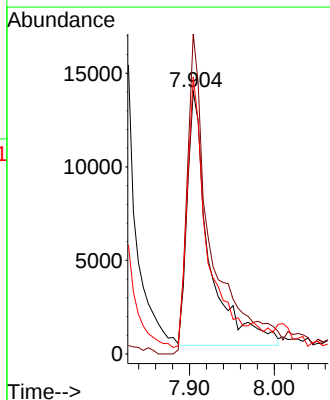
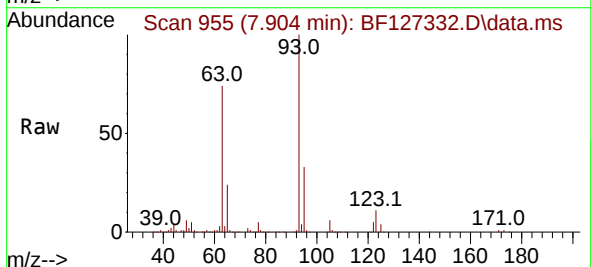
Manual Integrations
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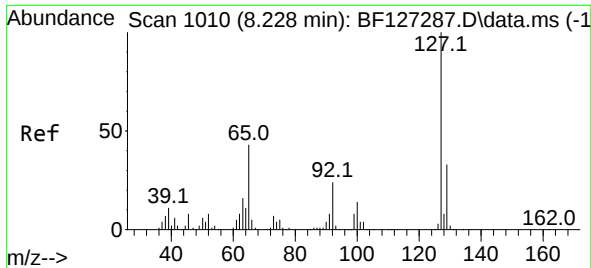
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#32
Benzoic acid
Concen: 12.833 ng m
RT: 7.904 min Scan# 955
Delta R.T. -0.036 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion:122 Resp: 24402
Ion Ratio Lower Upper
122 100
105 121.9 101.0 141.0
77 105.6 74.5 114.5





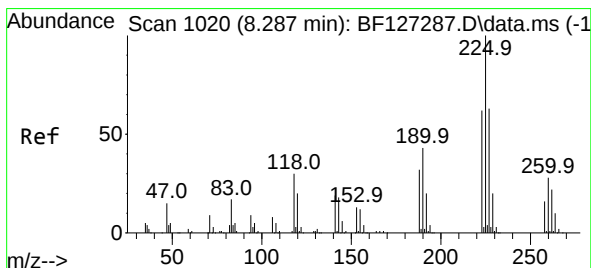
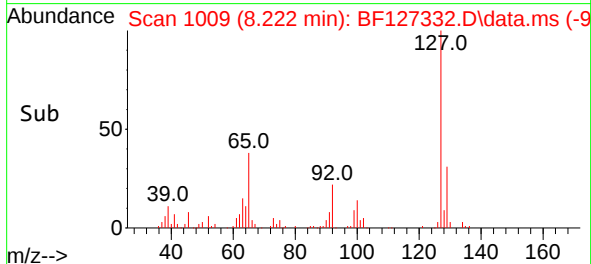
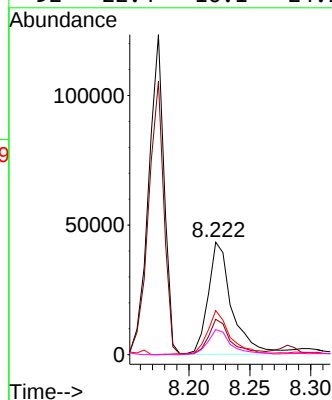
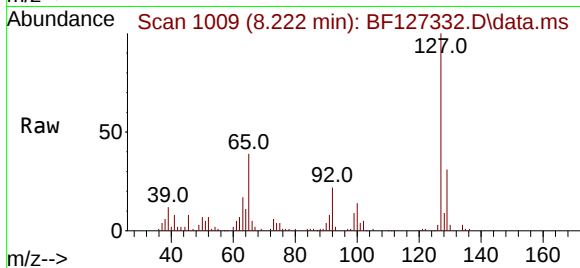
#33
4-Chloroaniline
Concen: 8.274 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:127	Resp: 5855
Ion Ratio	Lower Upper
127 100	
129 31.4	26.5 39.7
65 39.2	26.6 39.8
92 22.4	16.1 24.1

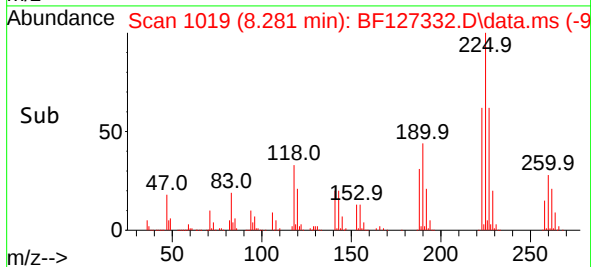
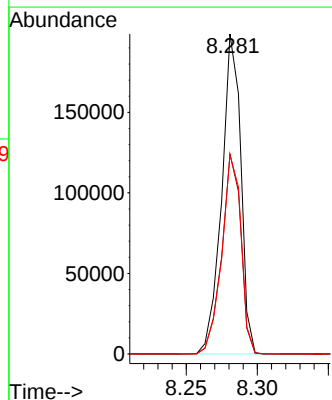
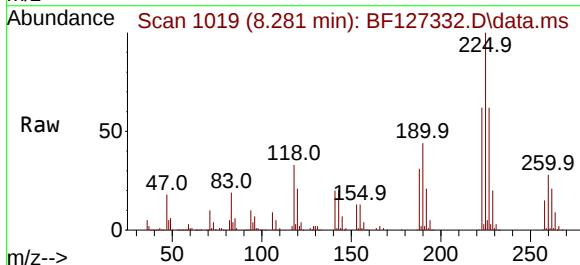
Manual Integrations
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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#34
Hexachlorobutadiene
Concen: 43.560 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

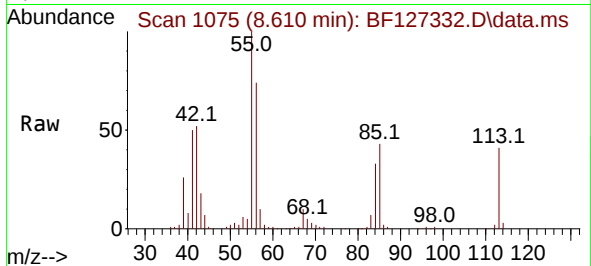
Tgt Ion:225	Resp: 184808
Ion Ratio	Lower Upper
225 100	
223 62.5	48.6 73.0
227 62.3	51.4 77.0





#35
 Caprolactam
 Concen: 38.327 ng m
 RT: 8.610 min Scan# 1075
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

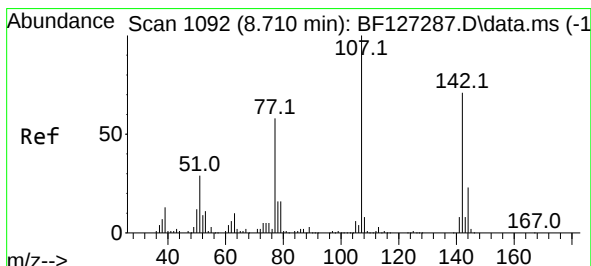
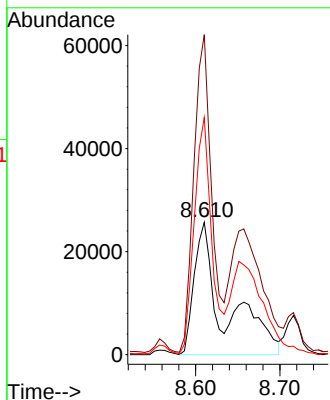
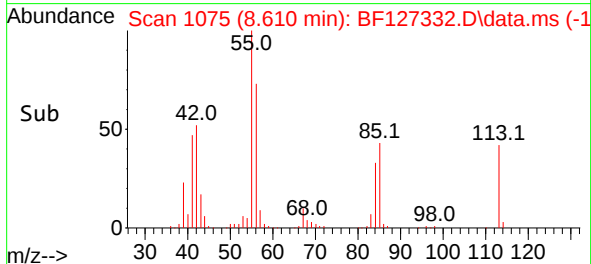
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



Tgt Ion:113 Resp: 63898
 Ion Ratio Lower Upper
 113 100
 55 241.7 183.9 223.9
 56 179.1 129.9 169.9

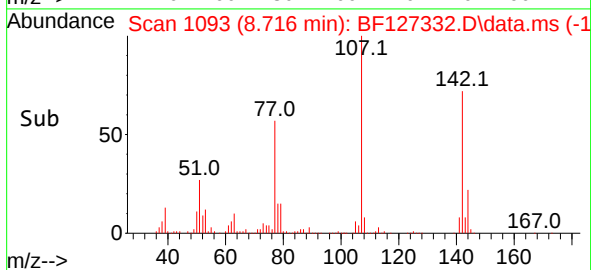
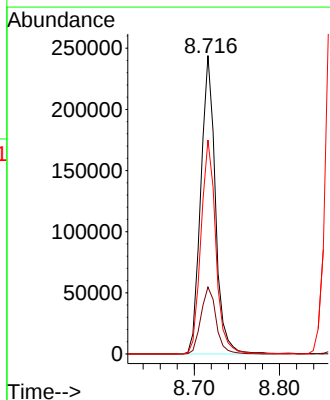
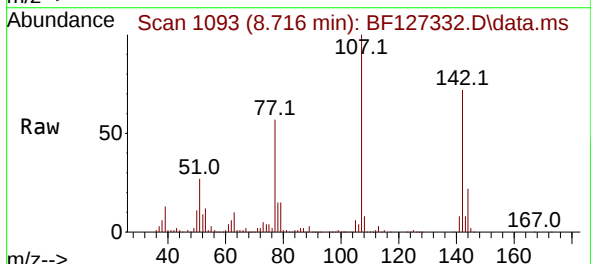
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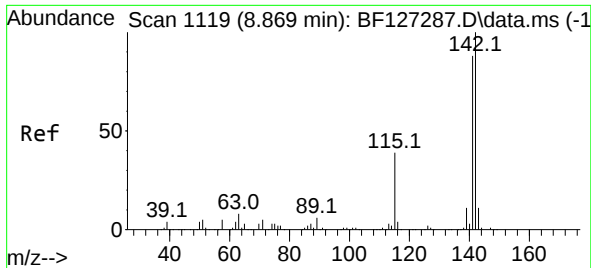
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 48.118 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

Tgt Ion:107 Resp: 291044
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.5 27.7
 142 71.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 47.337 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:142 Resp: 564719

Ion Ratio Lower Upper

142 100

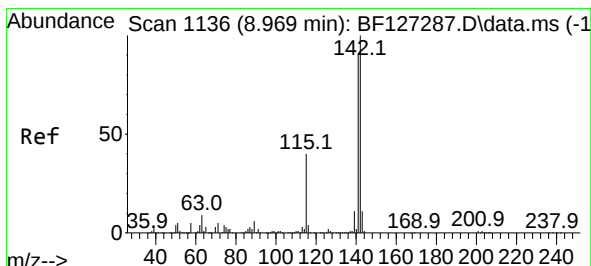
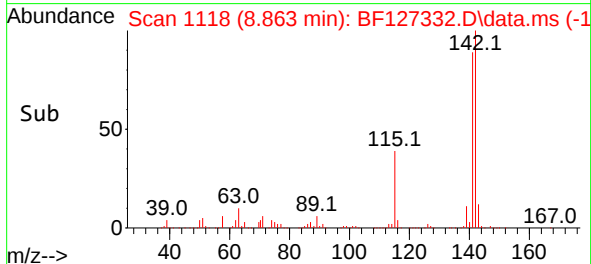
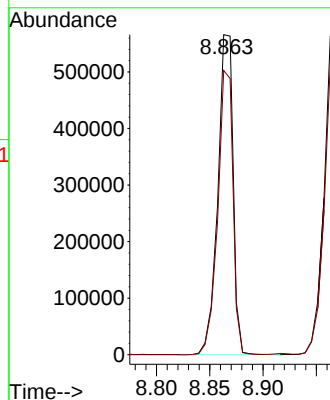
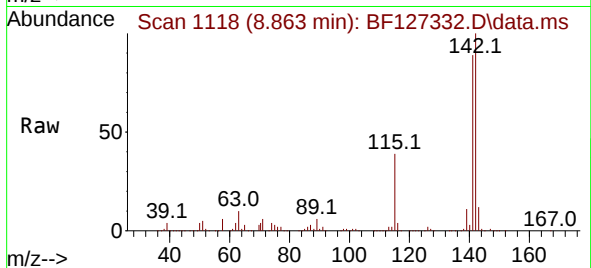
141 88.8 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#38

1-Methylnaphthalene

Concen: 47.567 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127332.D

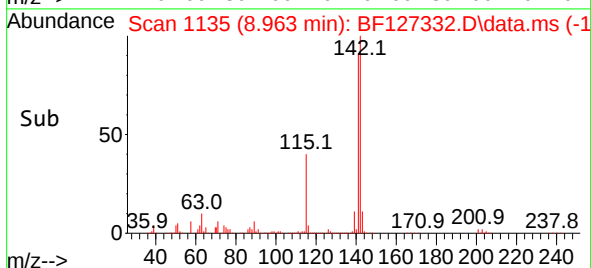
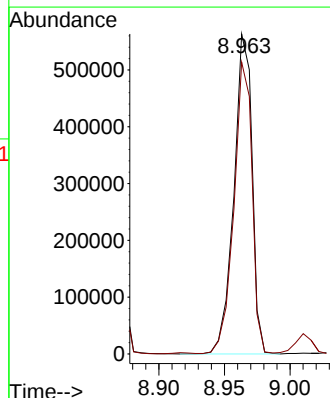
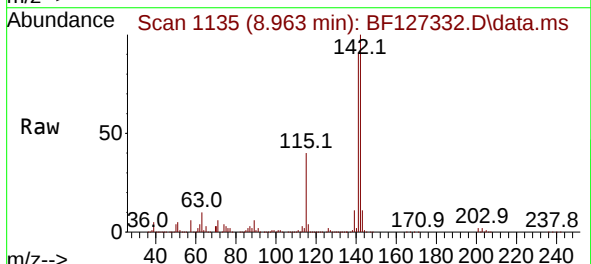
Acq: 15 Mar 2022 19:13

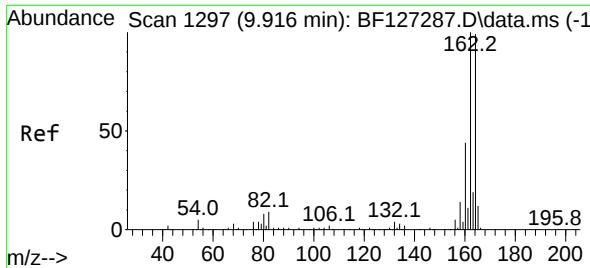
Tgt Ion:142 Resp: 545544

Ion Ratio Lower Upper

142 100

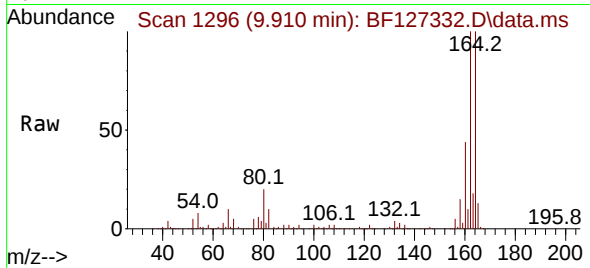
141 91.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

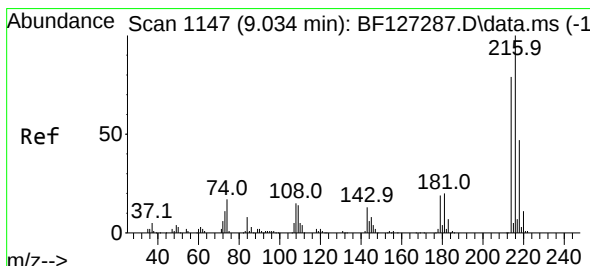
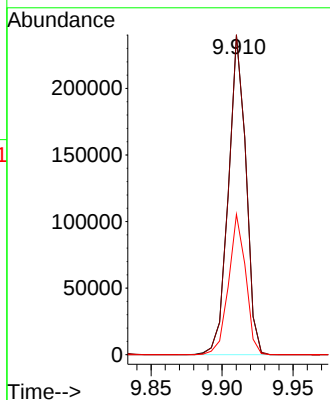
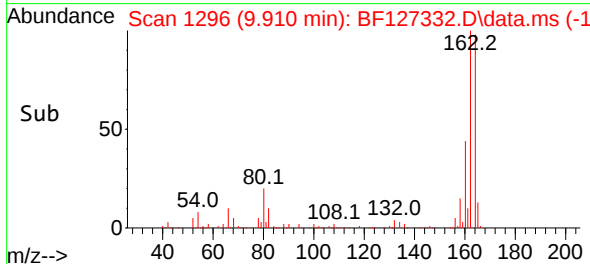
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



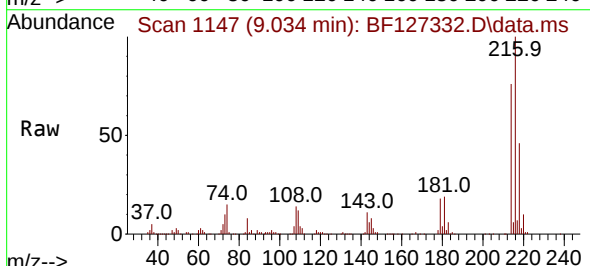
Tgt Ion:164 Resp: 206210
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.9 36.6 54.8

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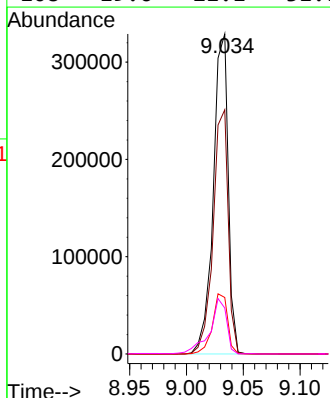
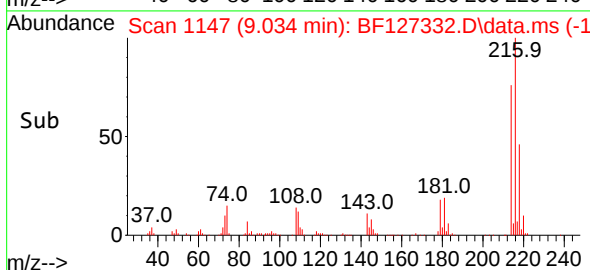
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

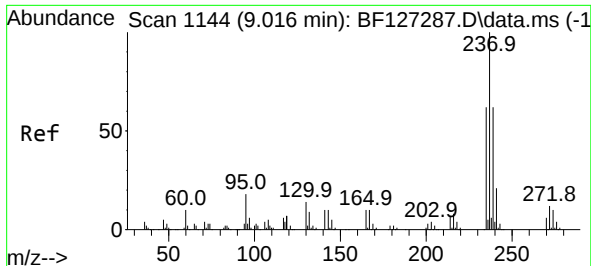


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.026 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



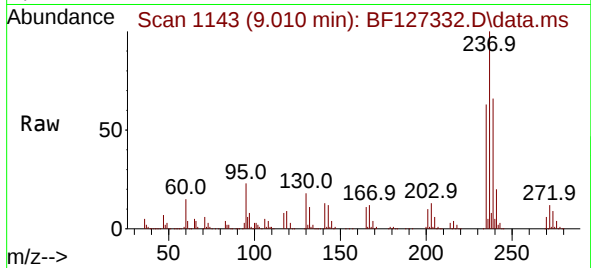
Tgt Ion:216 Resp: 300456
Ion Ratio Lower Upper
216 100
214 77.1 64.6 96.8
179 19.0 19.5 29.3#
108 19.6 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 98.592 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

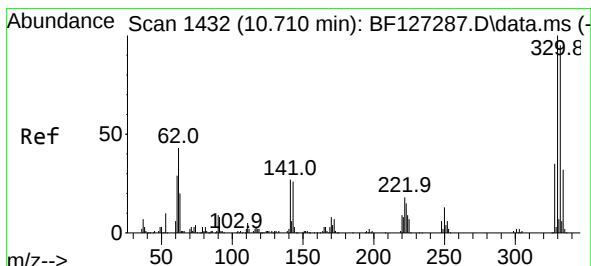
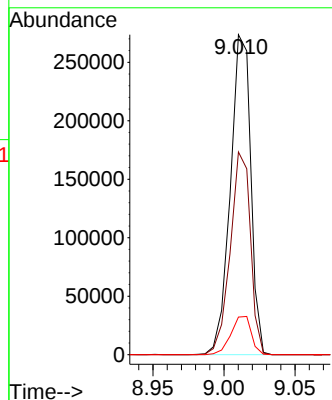
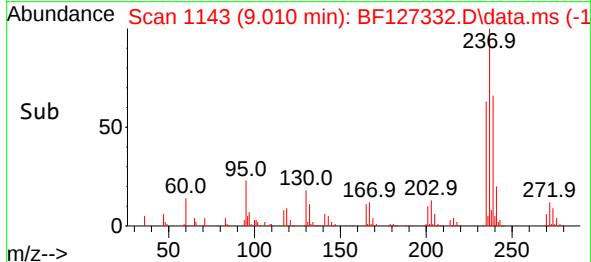
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



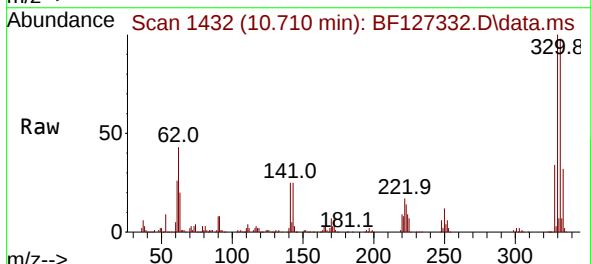
Tgt Ion:237 Resp: 27262
Ion Ratio Lower Upper
237 100
235 63.4 38.9 78.9
272 11.7 0.0 33.5

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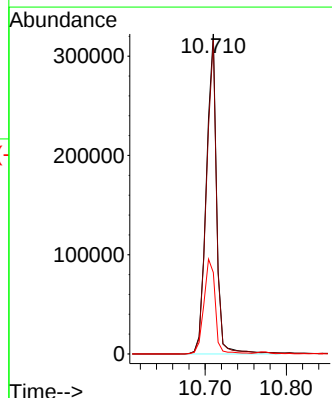
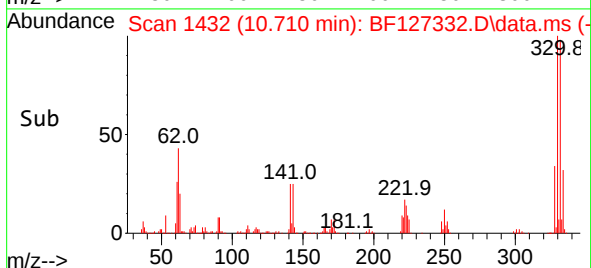
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

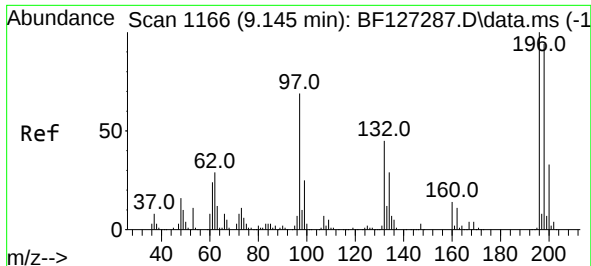


#42
2,4,6-Tribromophenol
Concen: 127.340 ng
RT: 10.710 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:330 Resp: 282674
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 32.7 30.1 45.1





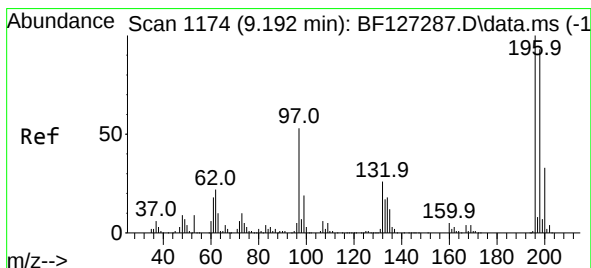
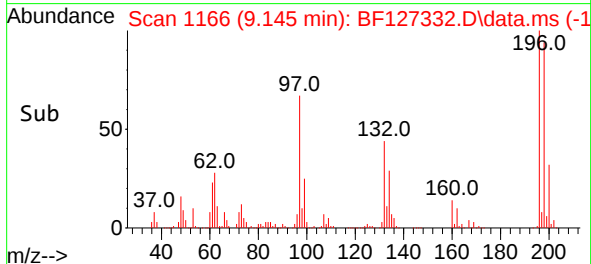
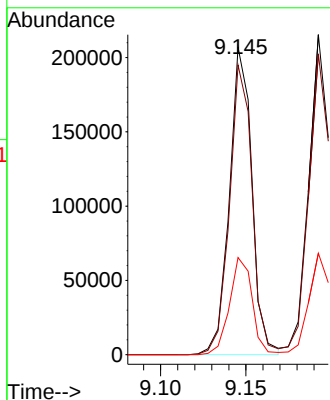
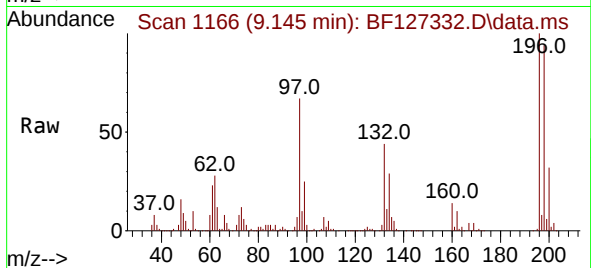
#43
2,4,6-Trichlorophenol
Concen: 46.021 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:196 Resp: 189609
Ion Ratio Lower Upper
196 100
198 94.2 78.5 117.7
200 31.6 24.9 37.3

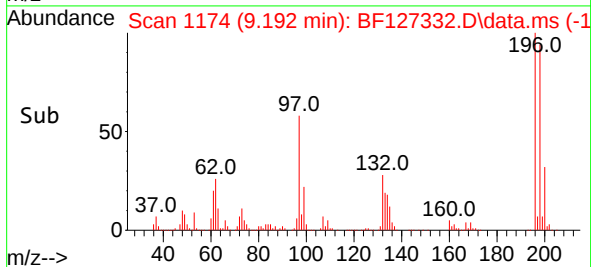
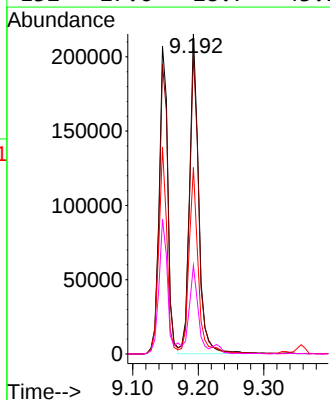
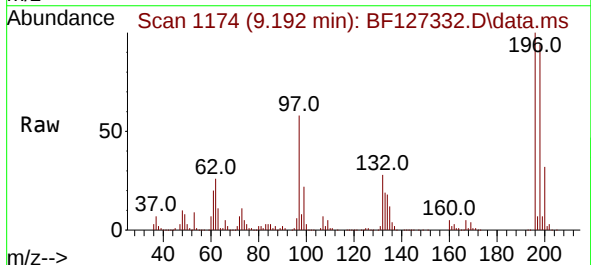
Manual Integrations
APPROVED

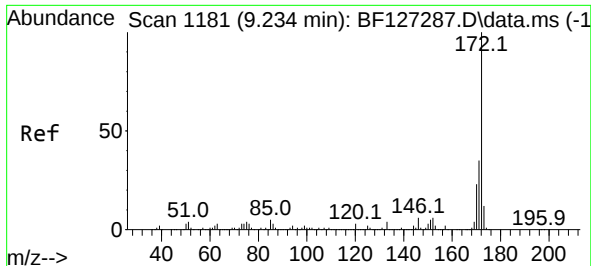
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#44
2,4,5-Trichlorophenol
Concen: 47.731 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

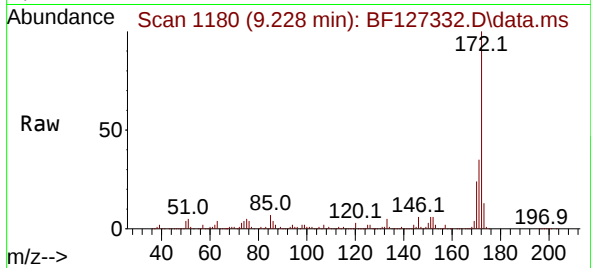
Tgt Ion:196 Resp: 208714
Ion Ratio Lower Upper
196 100
198 94.0 82.0 123.0
97 58.2 53.5 80.3
132 27.6 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 82.546 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

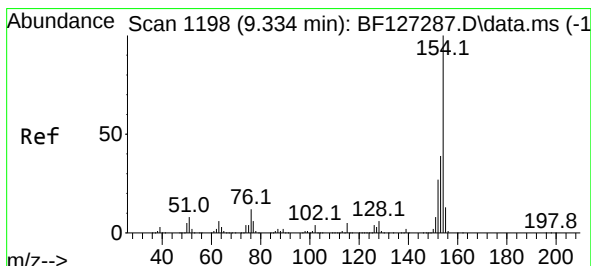
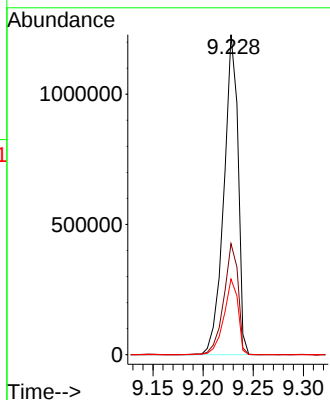
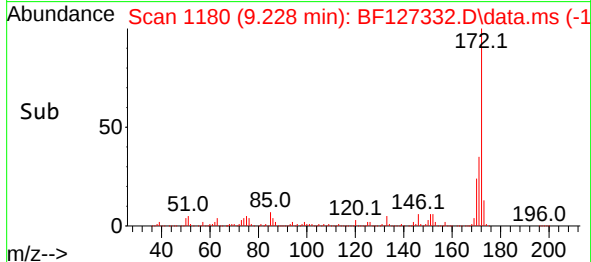
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



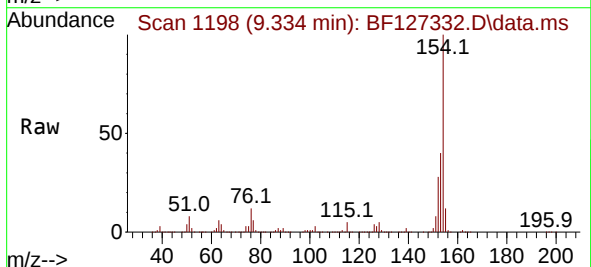
Tgt Ion:172 Resp: 120398
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.7 19.0 28.6

Manual Integrations
APPROVED

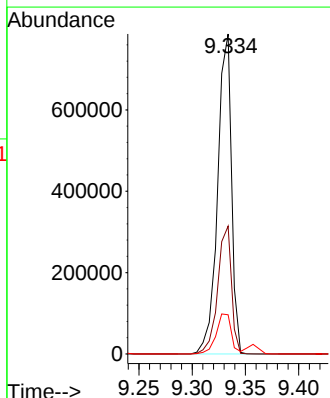
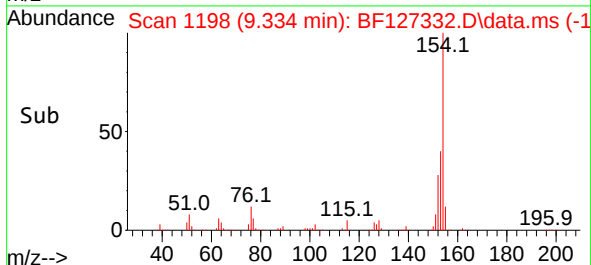
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

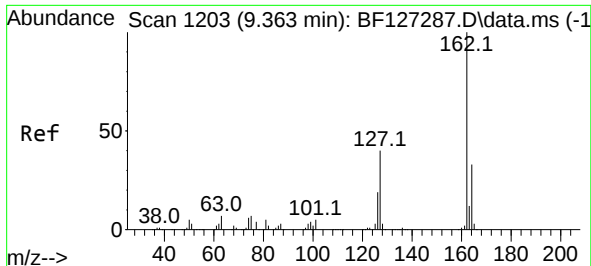


#46
1,1'-Biphenyl
Concen: 45.612 ng
RT: 9.334 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:154 Resp: 709888
Ion Ratio Lower Upper
154 100
153 39.9 19.0 59.0
76 12.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.806 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

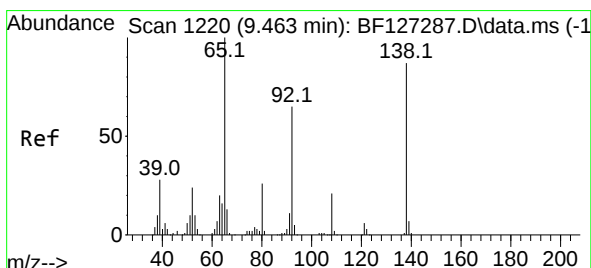
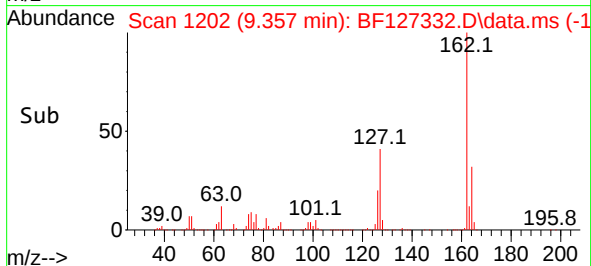
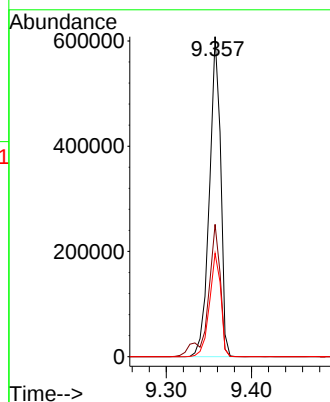
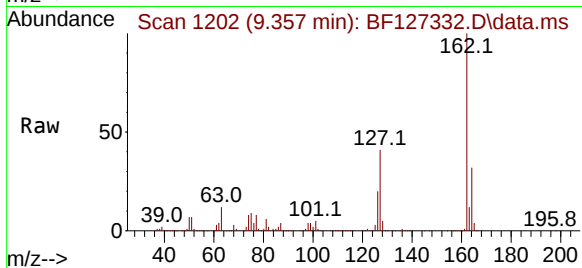
Tgt Ion:162 Resp: 554944
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.5 50.3
 164 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#48

2-Nitroaniline

Concen: 47.057 ng

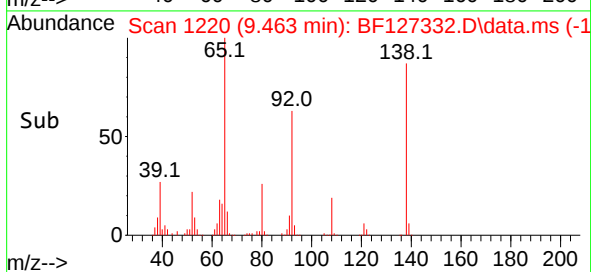
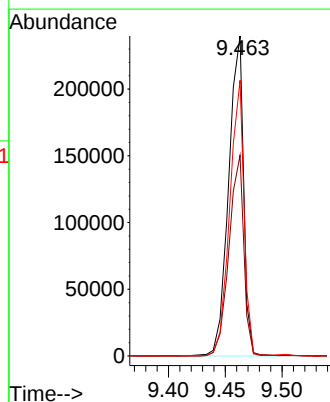
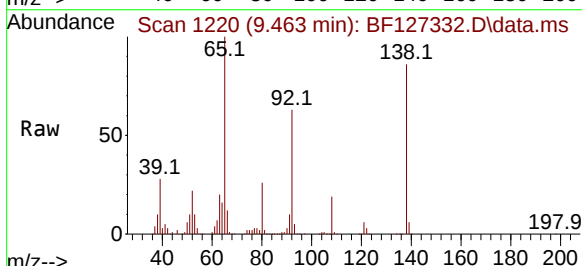
RT: 9.463 min Scan# 1220

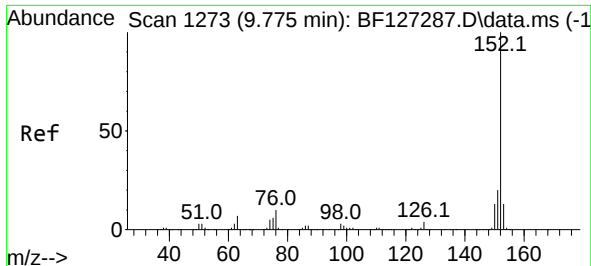
Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

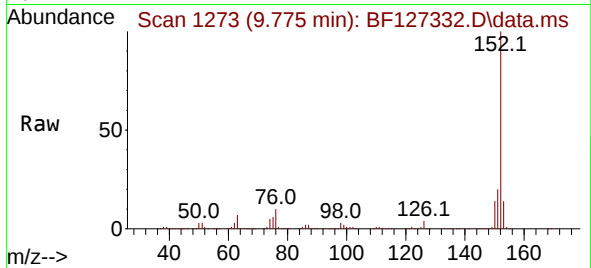
Tgt Ion: 65 Resp: 219348
 Ion Ratio Lower Upper
 65 100
 92 62.7 54.4 81.6
 138 86.2 72.5 108.7





#49
Acenaphthylene
Concen: 47.809 ng
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

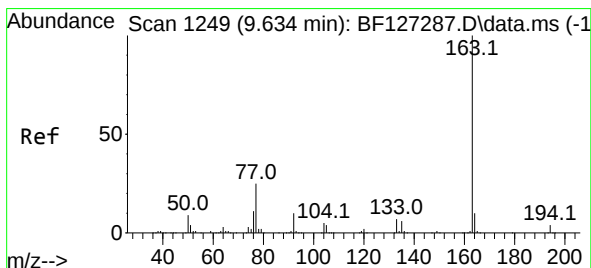
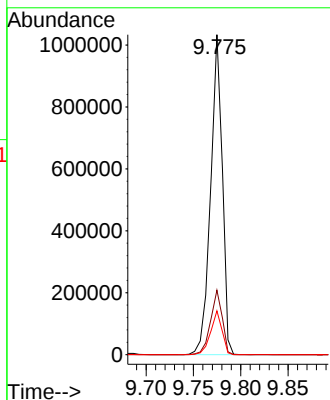
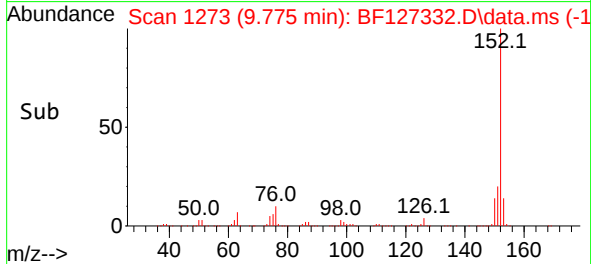
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



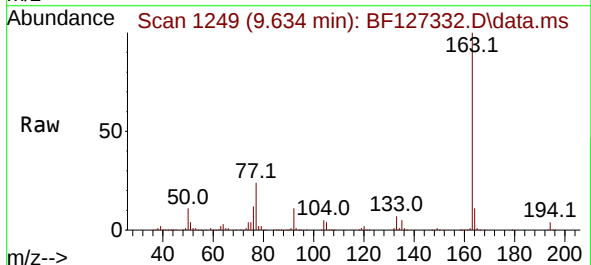
Tgt Ion:152 Resp: 886392
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.7 11.4 17.0

Manual Integrations
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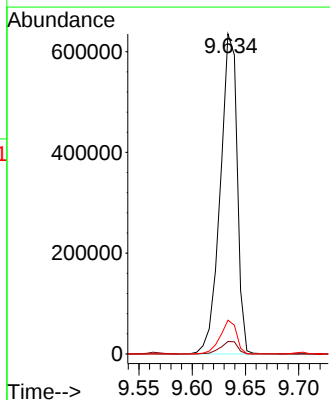
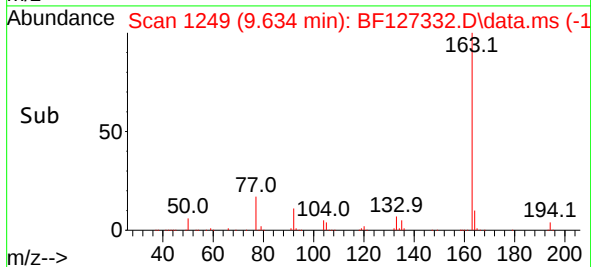
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

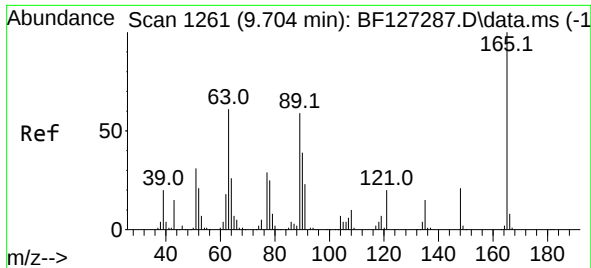


#50
Dimethylphthalate
Concen: 47.310 ng
RT: 9.634 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:163 Resp: 699075
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.5 7.8 11.8





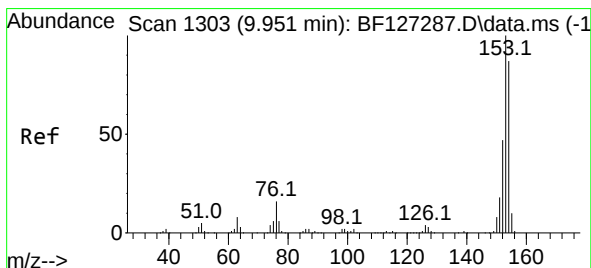
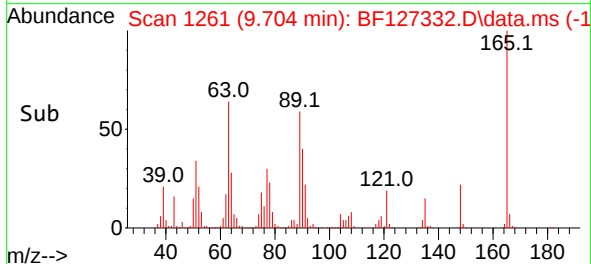
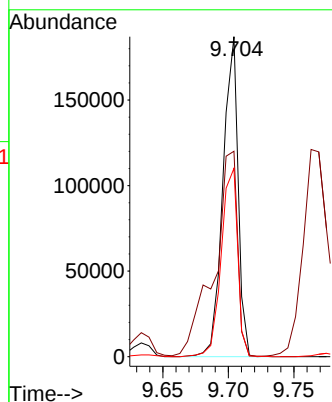
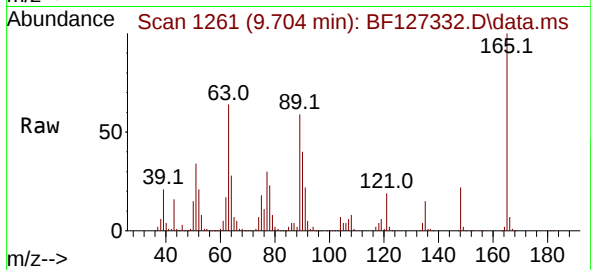
#51
2,6-Dinitrotoluene
Concen: 50.250 ng
RT: 9.704 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:165 Resp: 150198
Ion Ratio Lower Upper
165 100
63 64.2 48.4 72.6
89 58.8 50.5 75.7

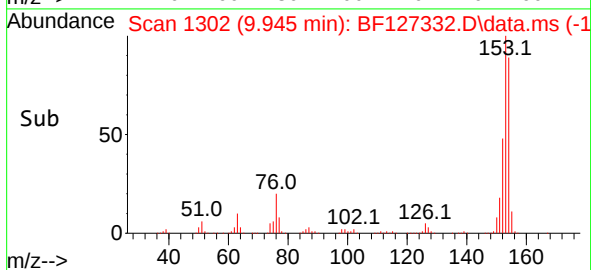
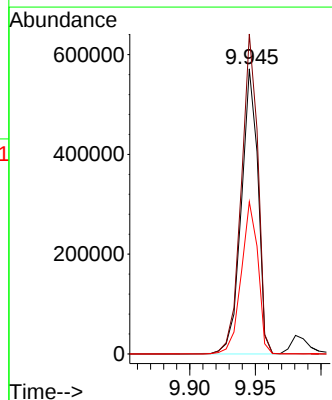
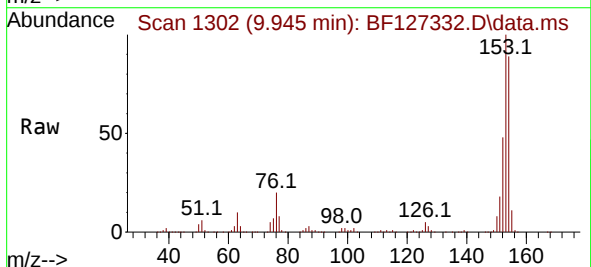
Manual Integrations
APPROVED

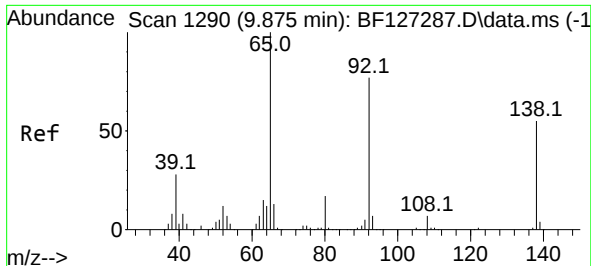
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#52
Acenaphthene
Concen: 45.714 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion:154 Resp: 505212
Ion Ratio Lower Upper
154 100
153 112.3 87.8 131.6
152 53.4 39.4 59.2





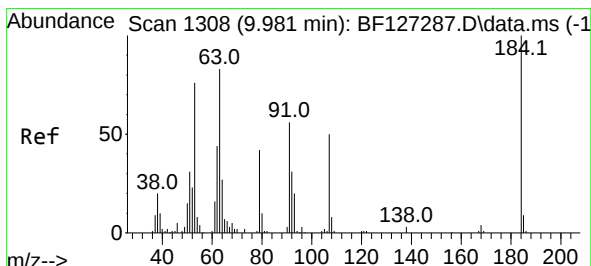
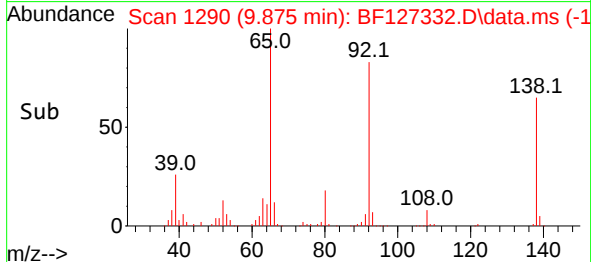
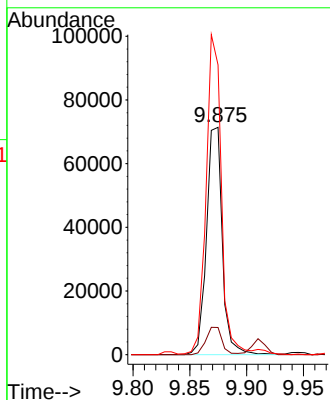
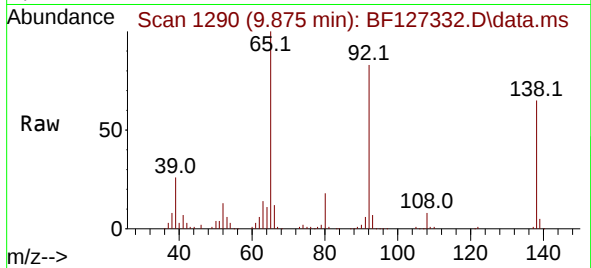
#53
3-Nitroaniline
Concen: 21.141 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:138 Resp: 68862
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 127.5 105.0 157.6

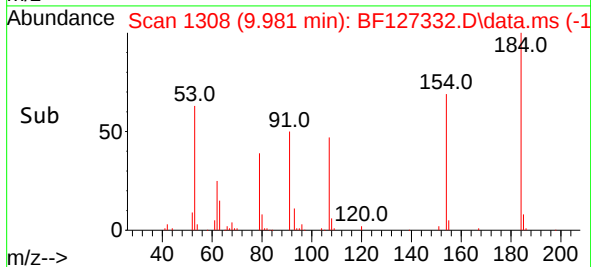
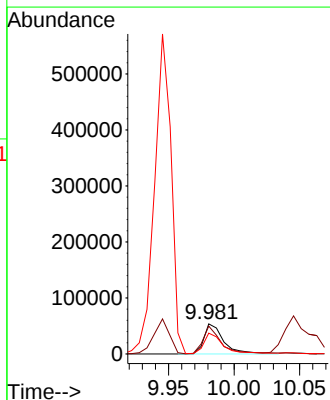
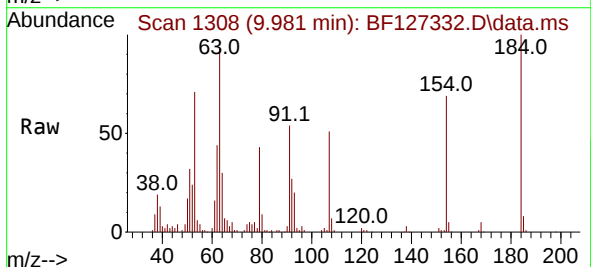
Manual Integrations
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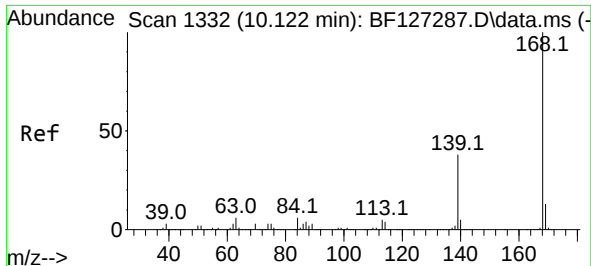
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#54
2,4-Dinitrophenol
Concen: 36.620 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

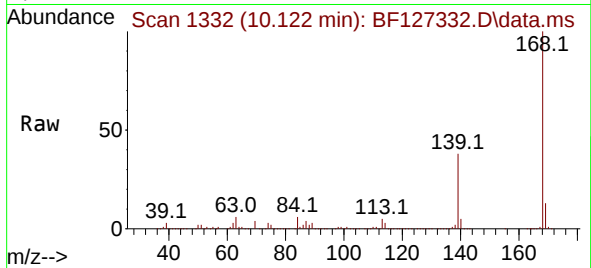
Tgt Ion:184 Resp: 56712
Ion Ratio Lower Upper
184 100
63 92.5 70.4 105.6
154 69.3 49.7 74.5





#55
Dibenzenofuran
Concen: 44.010 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

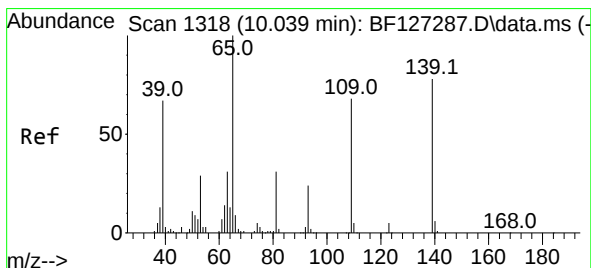
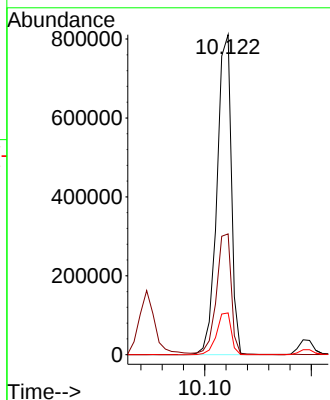
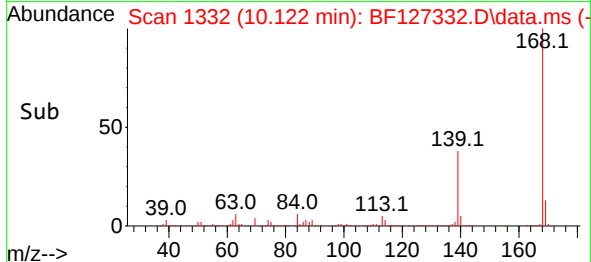
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



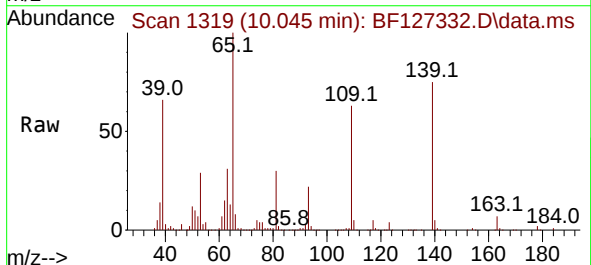
Tgt Ion:168 Resp: 75561
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.1 10.0 15.0

Manual Integrations
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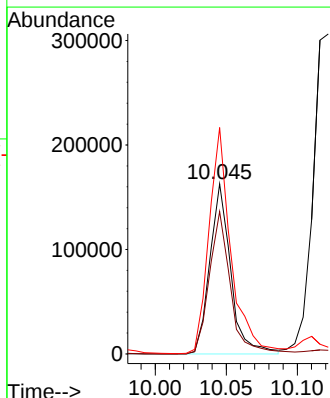
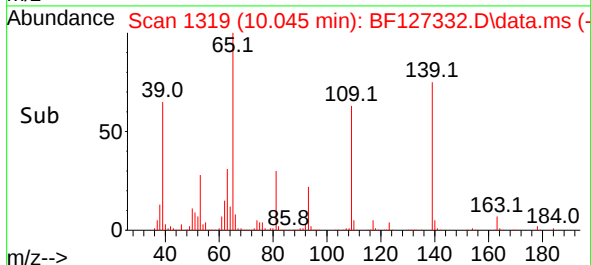
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

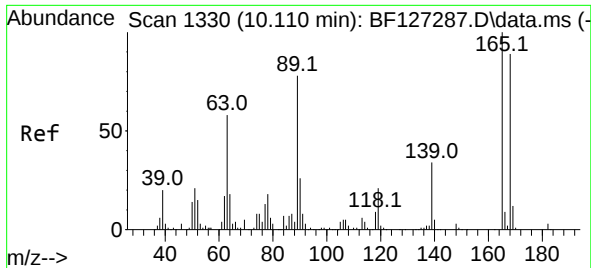


#56
4-Nitrophenol
Concen: 84.218 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



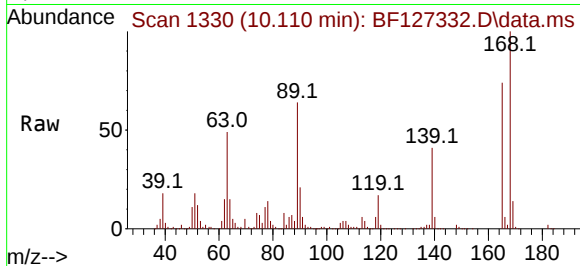
Tgt Ion:139 Resp: 166732
Ion Ratio Lower Upper
139 100
109 83.8 44.1 84.1
65 133.1 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 46.752 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

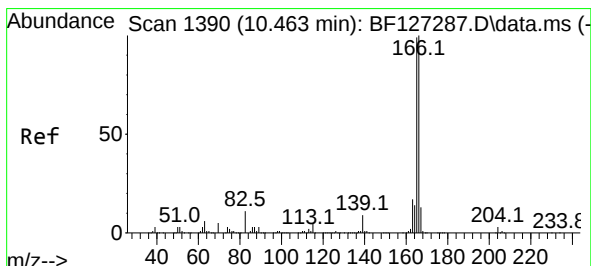
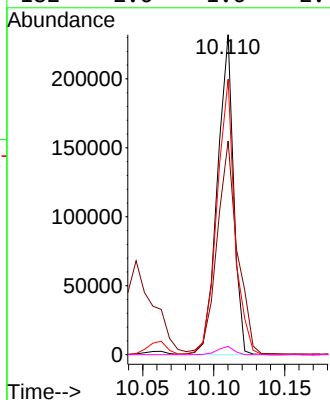
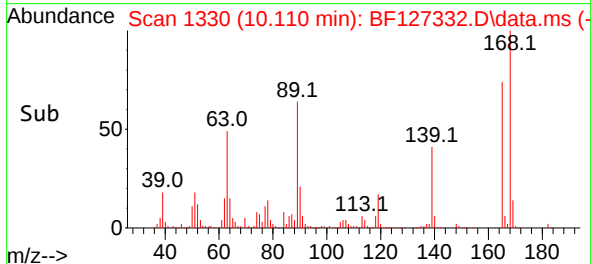
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



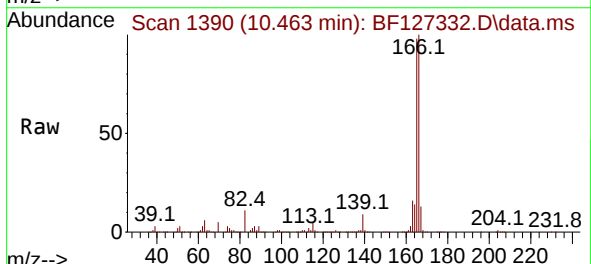
Tgt Ion:165 Resp: 18385
Ion Ratio Lower Upper
165 100
63 66.8 43.0 64.6
89 86.1 71.0 106.4
182 2.6 1.6 2.4#

Manual Integrations
APPROVED

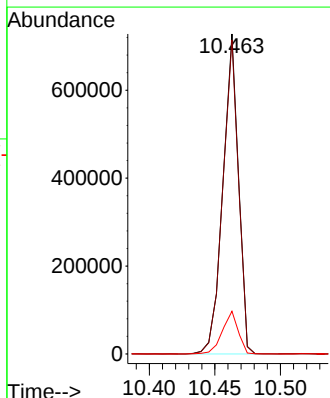
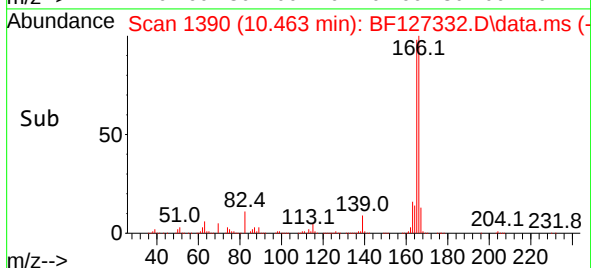
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

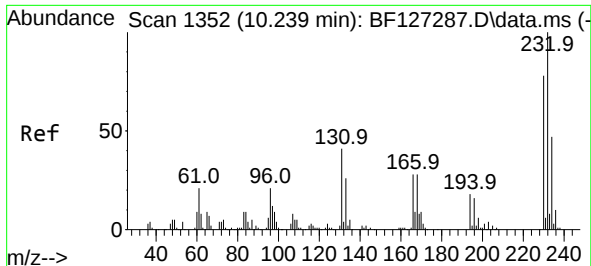


#58
Fluorene
Concen: 45.123 ng
RT: 10.463 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



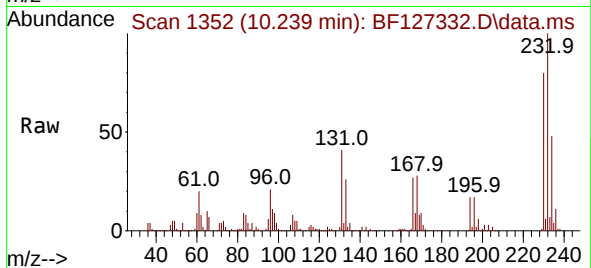
Tgt Ion:166 Resp: 600734
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.001 ng
RT: 10.239 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

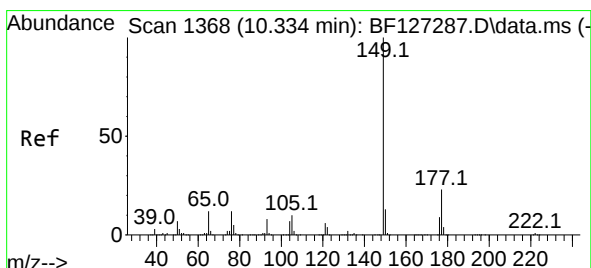
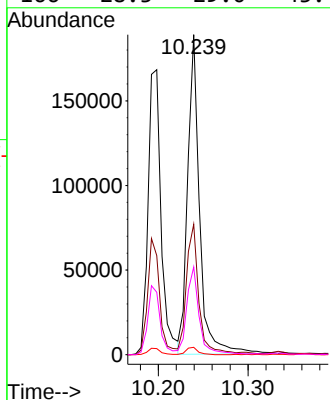
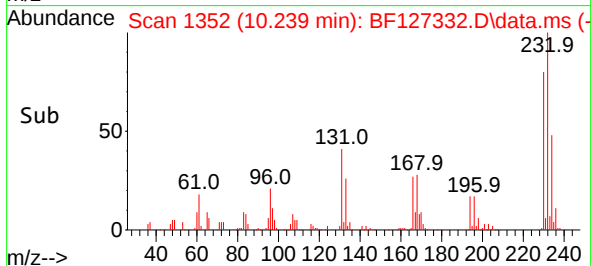
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



Tgt Ion:232 Resp: 174430
Ion Ratio Lower Upper
232 100
131 41.8 50.0 75.0
130 2.4 2.2 3.2
166 28.3 29.0 43.4#

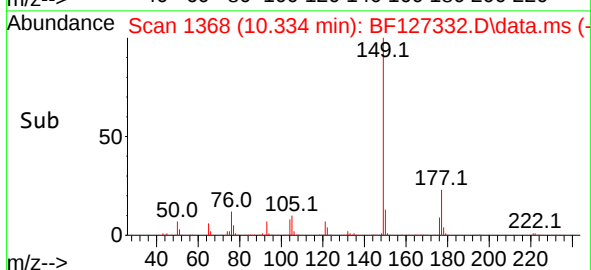
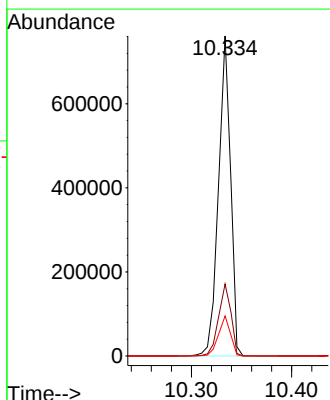
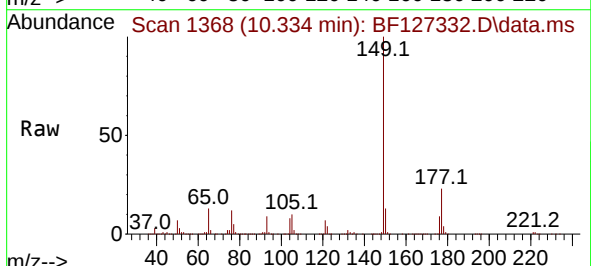
Manual Integrations
APPROVED

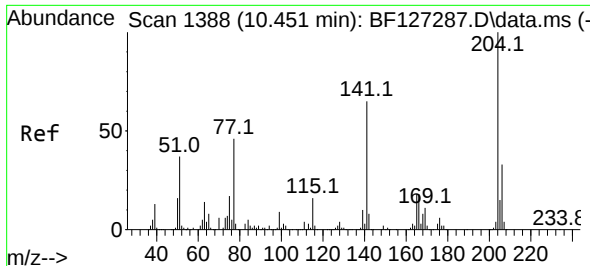
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#60
Diethylphthalate
Concen: 47.136 ng
RT: 10.334 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

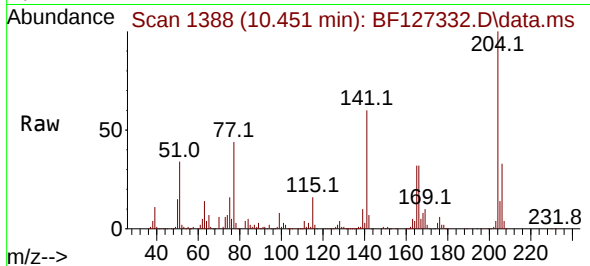
Tgt Ion:149 Resp: 635314
Ion Ratio Lower Upper
149 100
177 22.5 16.7 25.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.205 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

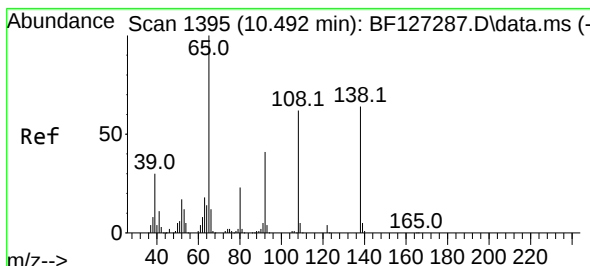
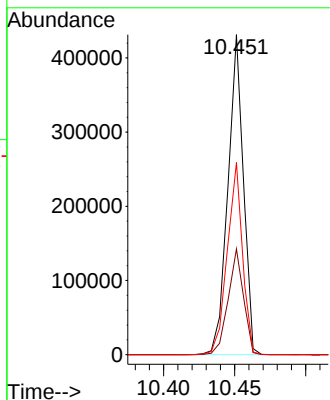
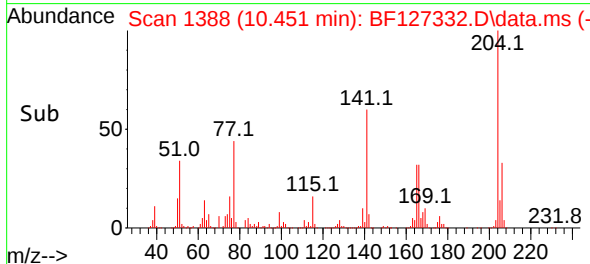
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



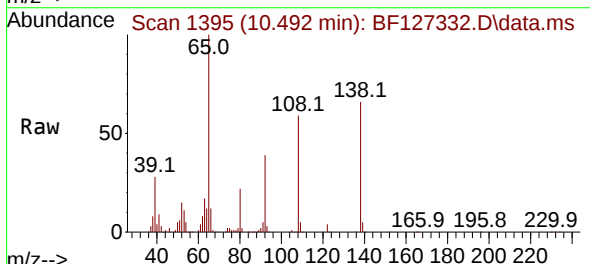
Tgt Ion:204 Resp: 32615
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 60.0 59.0 88.6

Manual Integrations
APPROVED

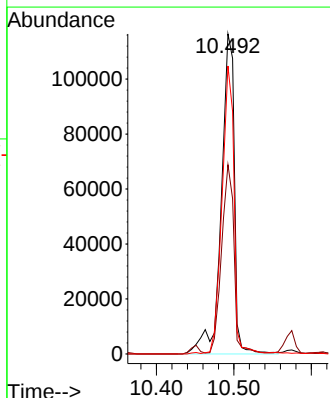
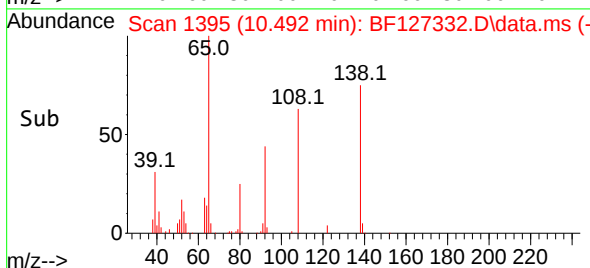
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

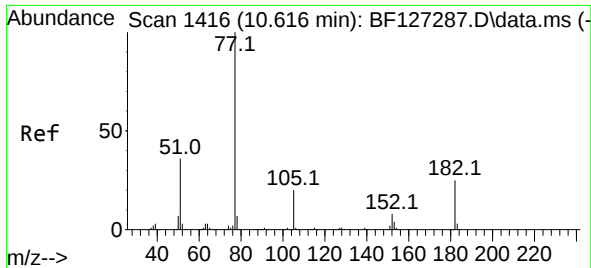


#62
4-Nitroaniline
Concen: 42.193 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



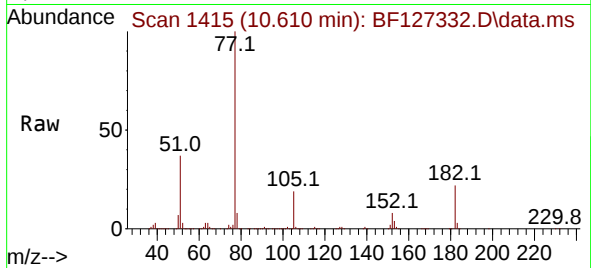
Tgt Ion:138 Resp: 136950
Ion Ratio Lower Upper
138 100
92 59.1 36.2 76.2
108 90.0 46.7 86.7#





#63
Azobenzene
Concen: 45.851 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

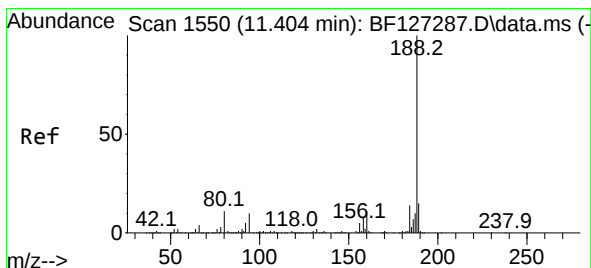
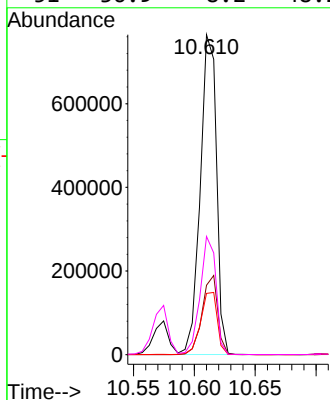
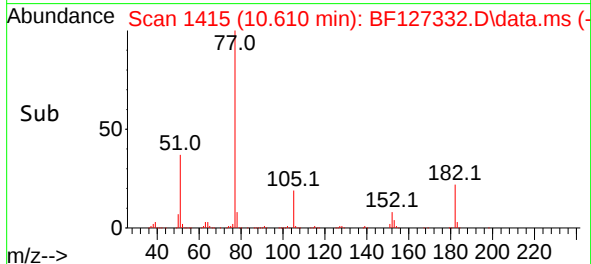
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



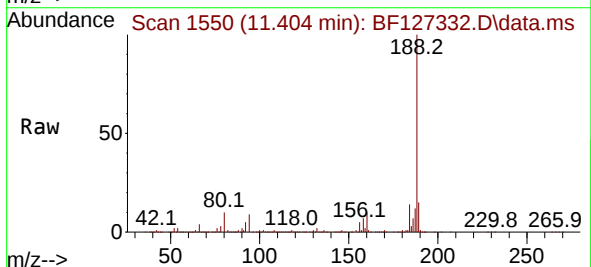
Tgt Ion: 77 Resp: 710390
Ion Ratio Lower Upper
77 100
182 21.7 0.0 39.0
105 19.2 3.2 43.2
51 36.9 8.2 48.2

Manual Integrations
APPROVED

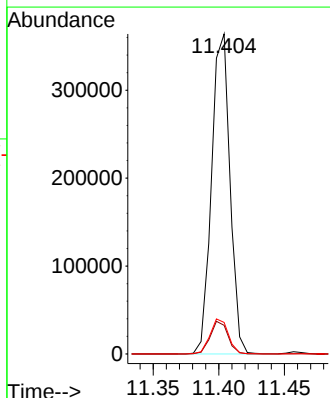
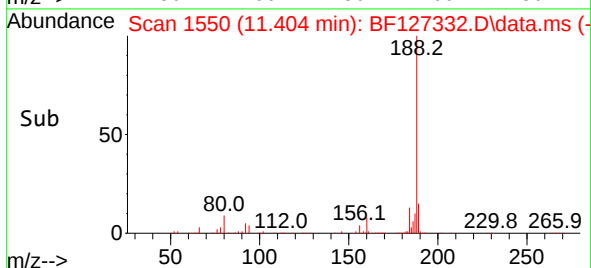
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

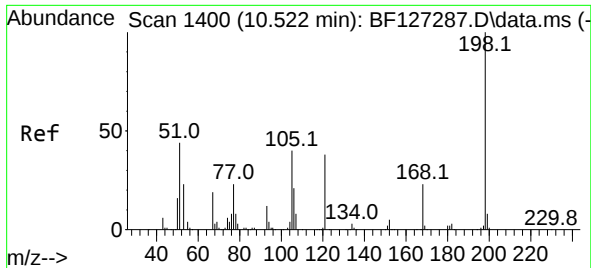


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:188 Resp: 355947
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 9.8 11.8 17.6#





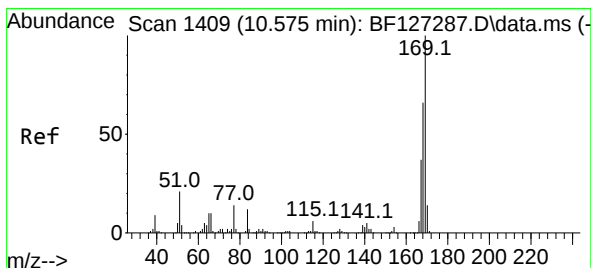
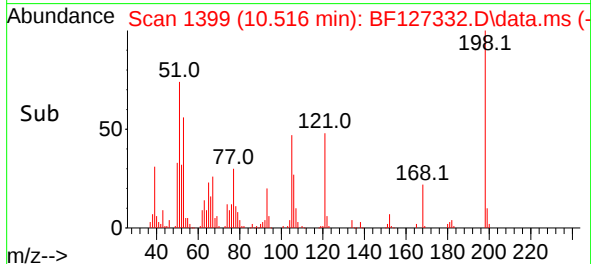
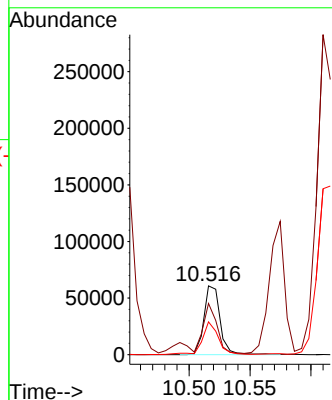
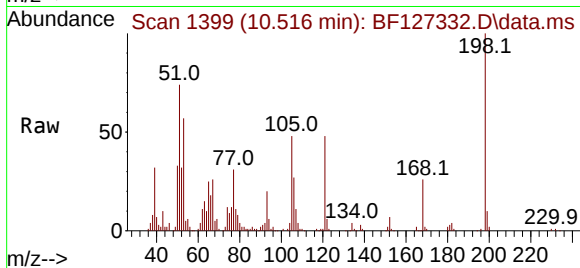
#65
4,6-Dinitro-2-methylphenol
Concen: 25.500 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :
BNA_F
ClientSampleId :
VNJ-232MS

Tgt Ion:198 Resp: 55964
Ion Ratio Lower Upper
198 100
51 74.4 32.0 72.0
105 47.7 32.7 72.7

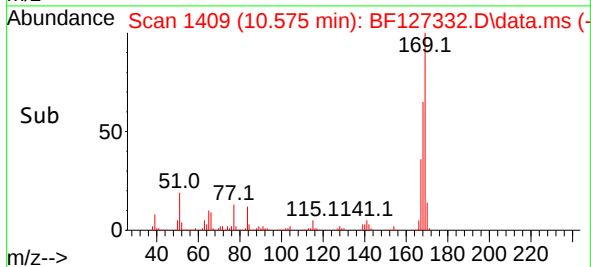
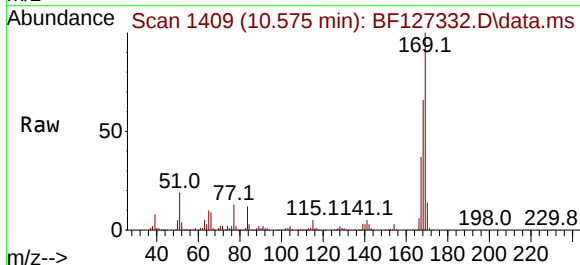
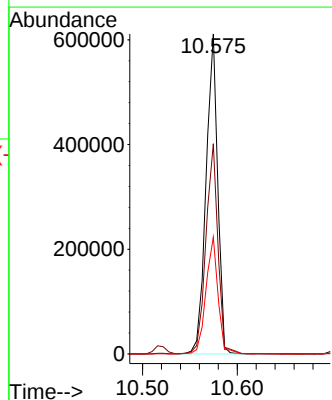
Manual Integrations
APPROVED

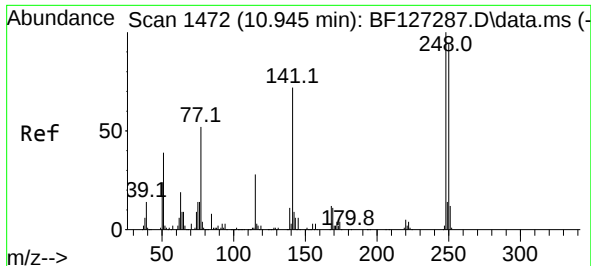
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 47.109 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

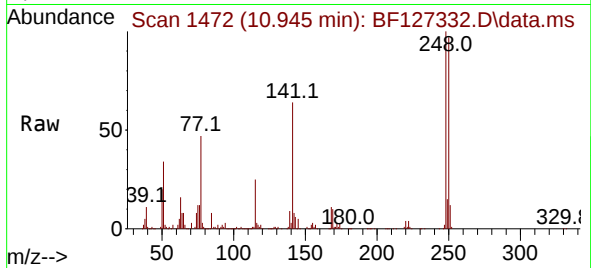
Tgt Ion:169 Resp: 520781
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.303 ng
RT: 10.945 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

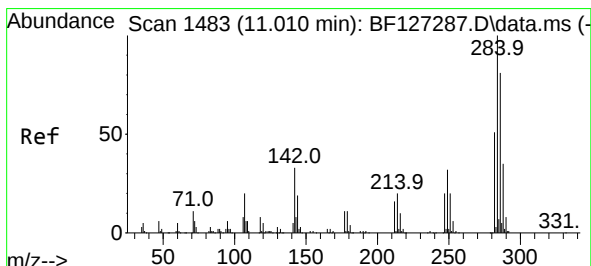
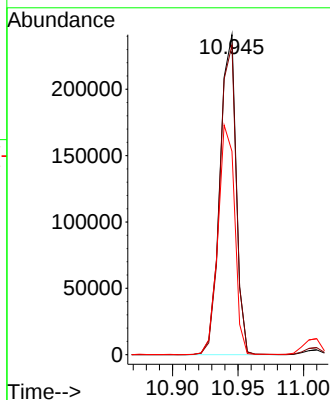
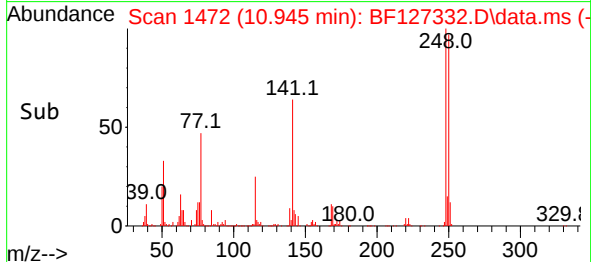
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



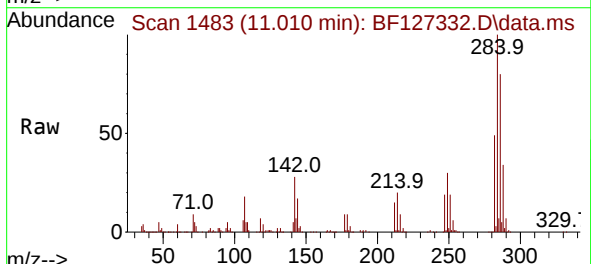
Tgt Ion:248 Resp: 20725
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.4
141 63.5 66.2 99.4

Manual Integrations
APPROVED

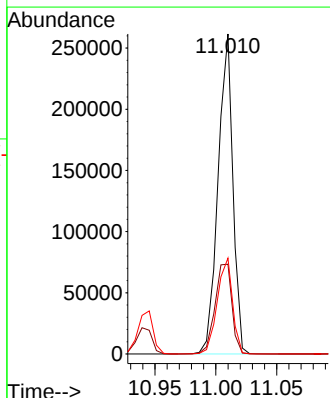
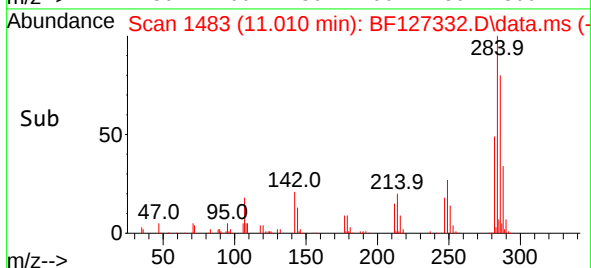
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

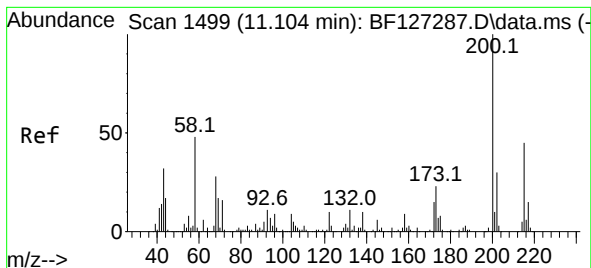


#68
Hexachlorobenzene
Concen: 47.503 ng
RT: 11.010 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



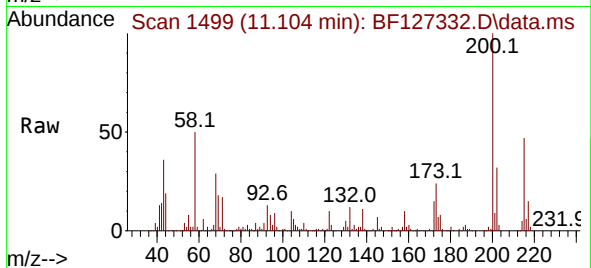
Tgt Ion:284 Resp: 222133
Ion Ratio Lower Upper
284 100
142 28.1 30.7 46.1#
249 29.9 21.1 31.7





#69
 Atrazine
 Concen: 50.446 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

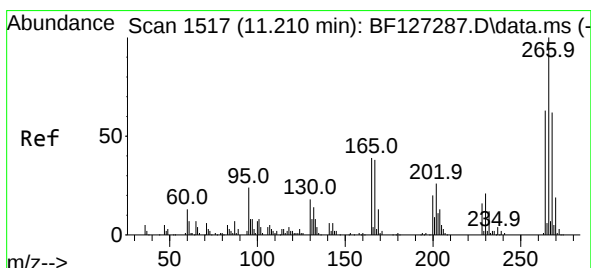
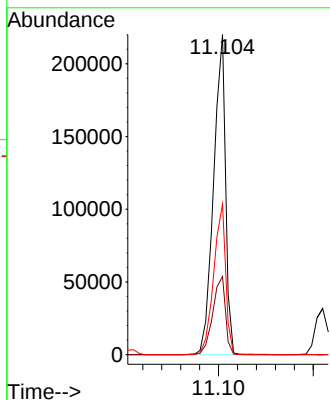
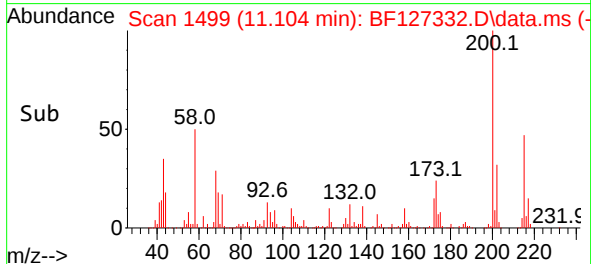
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



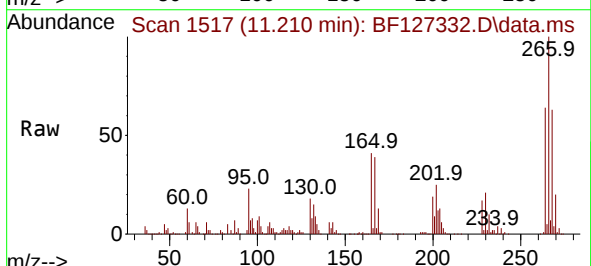
Tgt Ion:200 Resp: 192435
 Ion Ratio Lower Upper
 200 100
 173 24.4 9.2 49.2
 215 47.0 23.2 63.2

Manual Integrations
 APPROVED

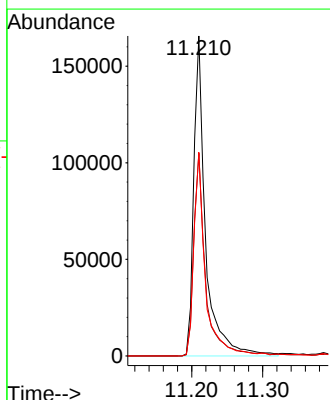
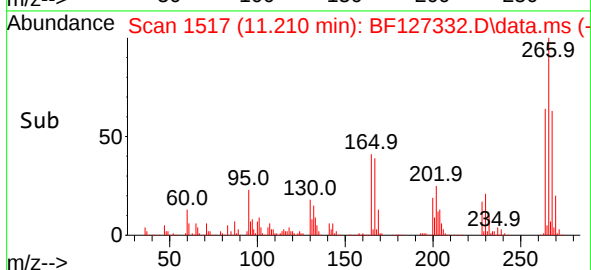
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022

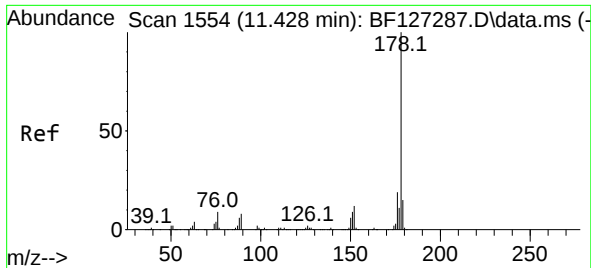


#70
 Pentachlorophenol
 Concen: 101.868 ng
 RT: 11.210 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13



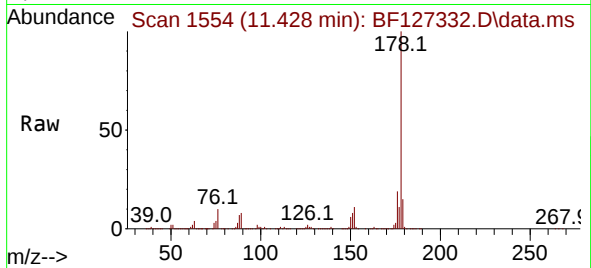
Tgt Ion:266 Resp: 192331
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.3 78.5
 264 63.6 50.4 75.6





#71
Phenanthrene
Concen: 46.066 ng
RT: 11.428 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

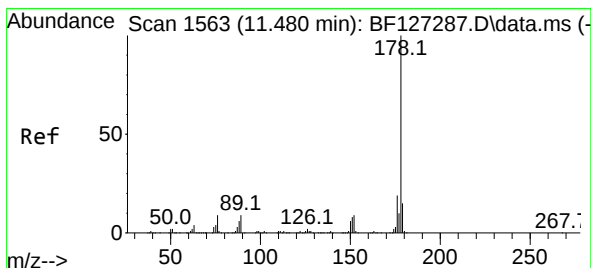
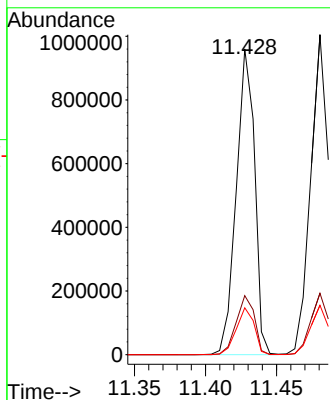
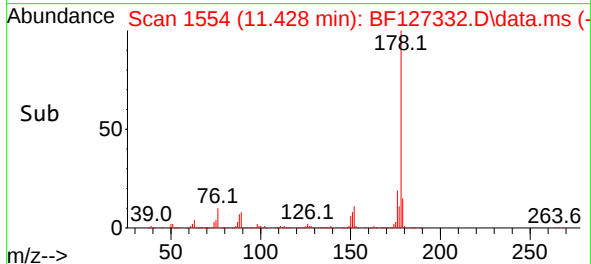
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



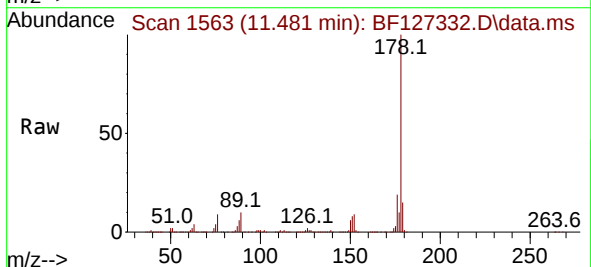
Tgt Ion:178 Resp: 865580
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.3 12.3 18.5

Manual Integrations
APPROVED

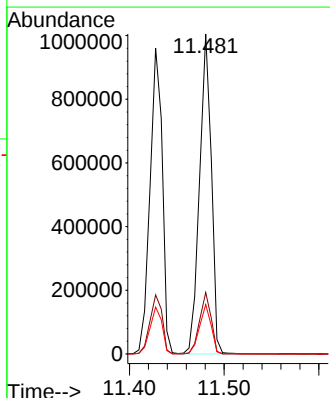
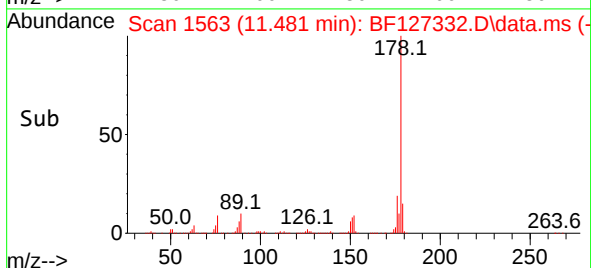
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

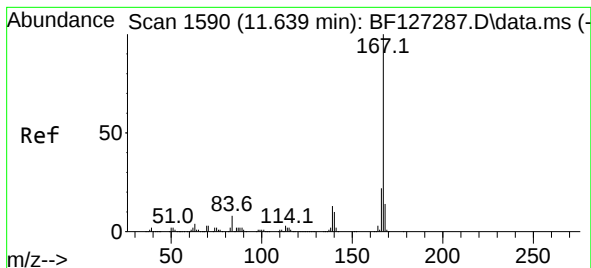


#72
Anthracene
Concen: 46.964 ng
RT: 11.481 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:178 Resp: 873939
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.4 12.5 18.7





#73

Carbazole

Concen: 42.459 ng

RT: 11.639 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

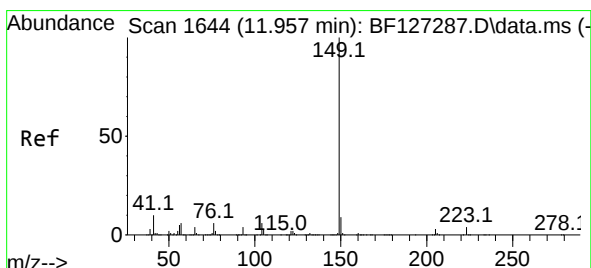
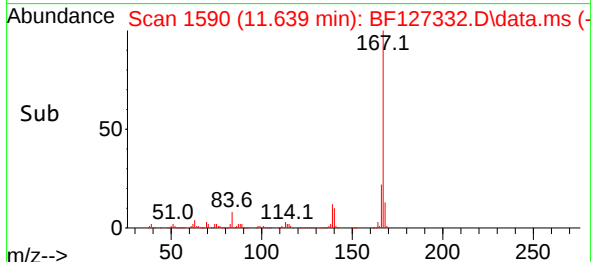
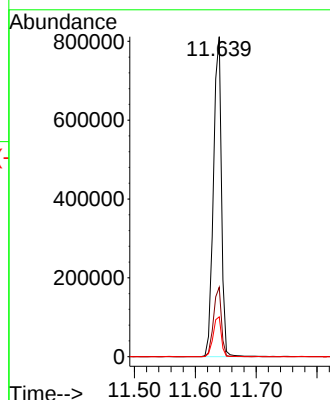
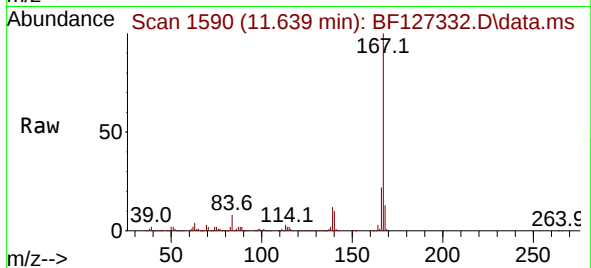
Tgt Ion:167	Resp: 744034
Ion Ratio	Lower Upper
167 100	
166 21.7	16.9 25.3
139 12.4	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#74

Di-n-butylphthalate

Concen: 45.196 ng

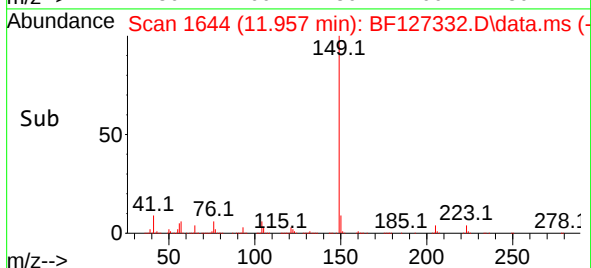
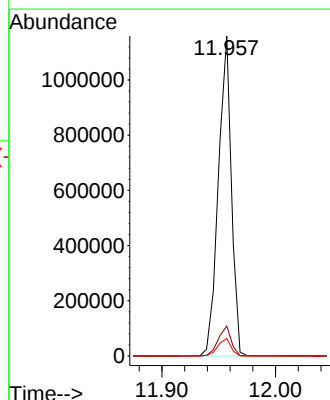
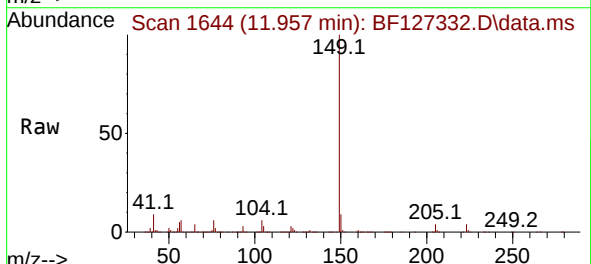
RT: 11.957 min Scan# 1644

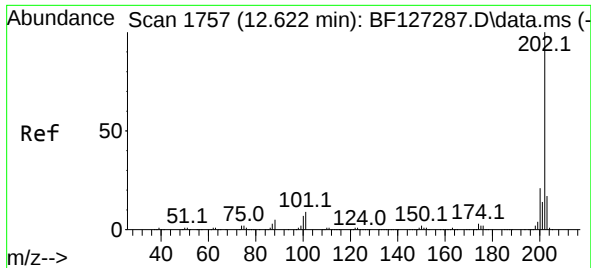
Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

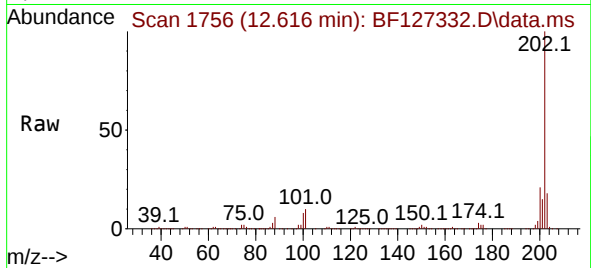
Tgt Ion:149	Resp: 926353
Ion Ratio	Lower Upper
149 100	
150 9.3	7.2 10.8
104 5.5	4.2 6.2





#75
Fluoranthene
Concen: 40.321 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

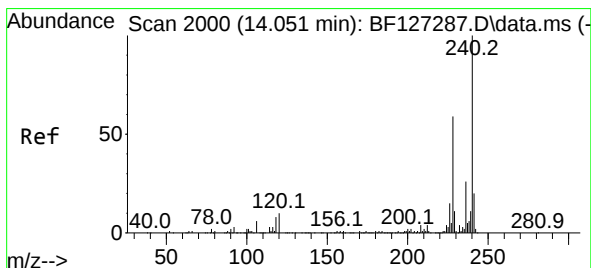
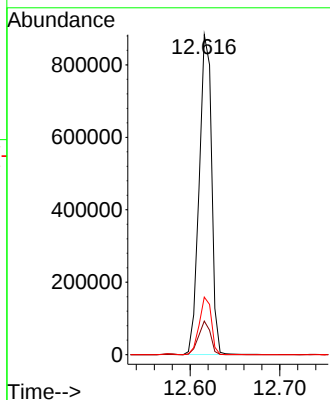
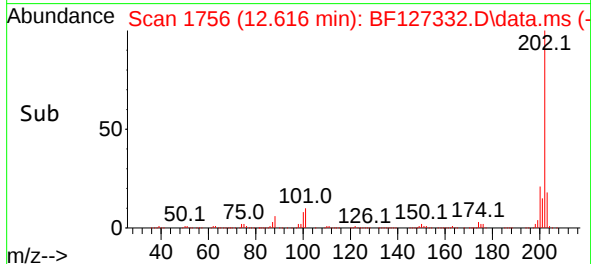
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



Tgt Ion:202 Resp: 847111
Ion Ratio Lower Upper
202 100
101 10.5 0.0 35.7
203 18.0 0.0 37.1

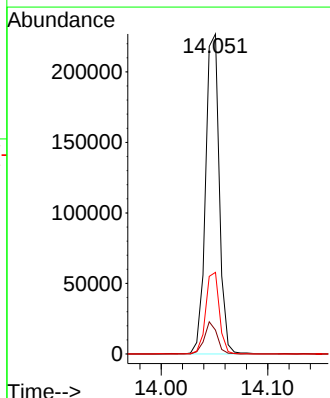
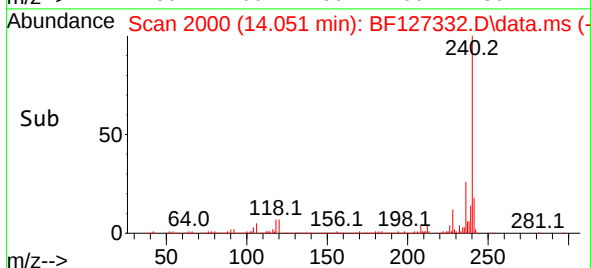
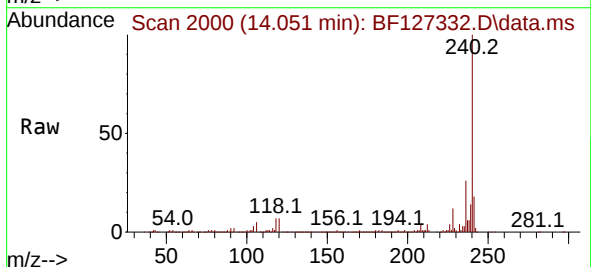
Manual Integrations
APPROVED

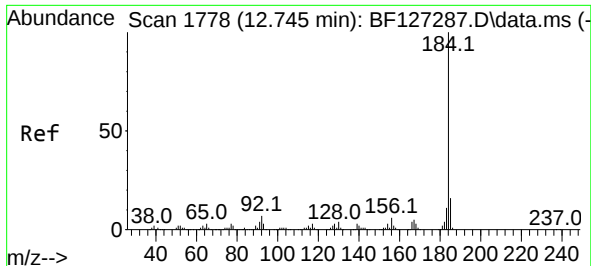
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

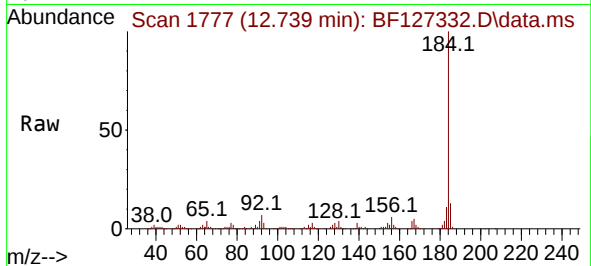
Tgt Ion:240 Resp: 203105
Ion Ratio Lower Upper
240 100
120 7.4 14.4 21.6#
236 25.5 20.5 30.7





#77
Benzidine
Concen: 24.948 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

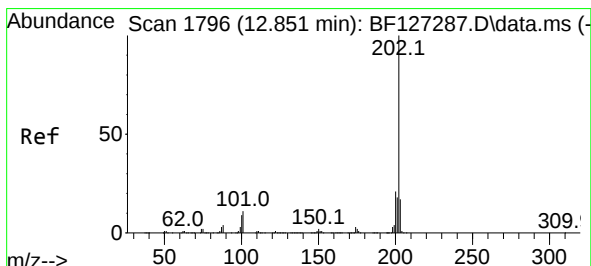
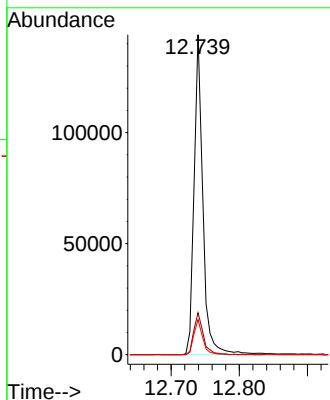
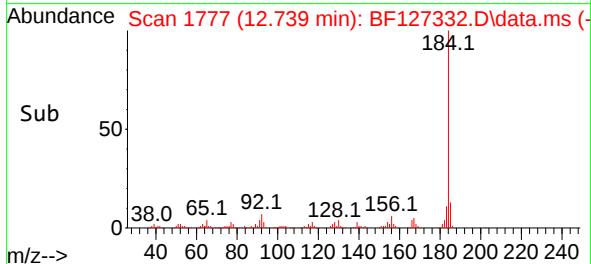
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



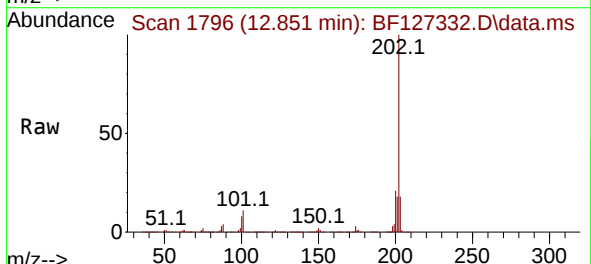
Tgt Ion:184 Resp: 128850
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.8
183 11.0 8.2 12.2

Manual Integrations
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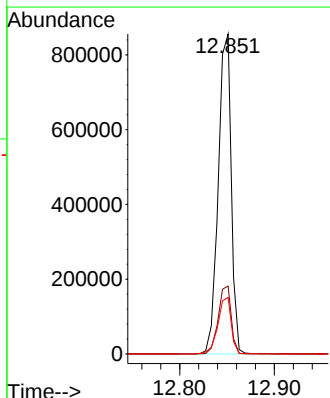
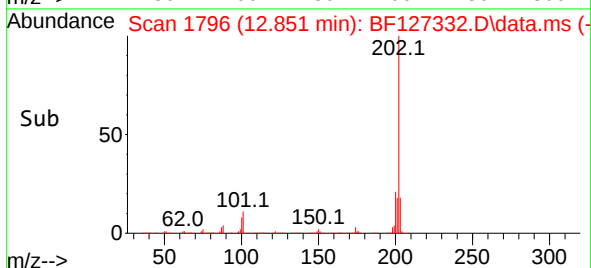
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

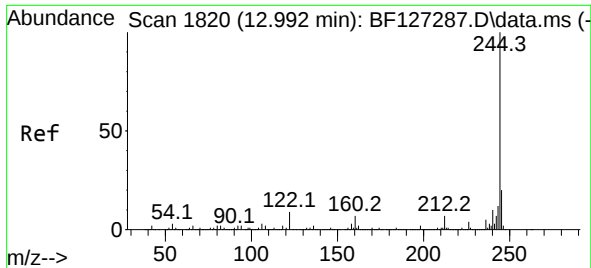


#78
Pyrene
Concen: 51.733 ng
RT: 12.851 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



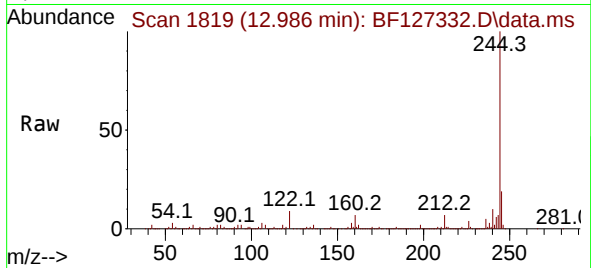
Tgt Ion:202 Resp: 818410
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 100.311 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

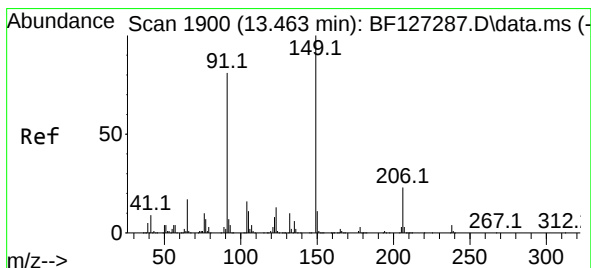
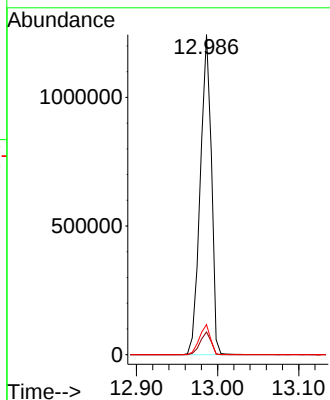
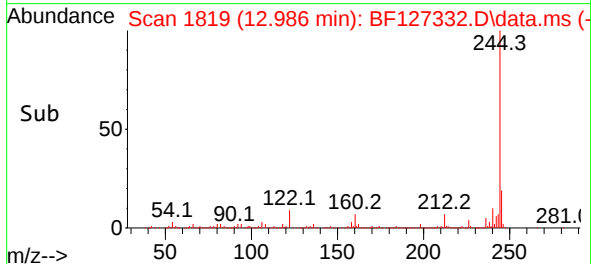
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



Tgt Ion:244 Resp: 1183180
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 9.4 13.3 19.9

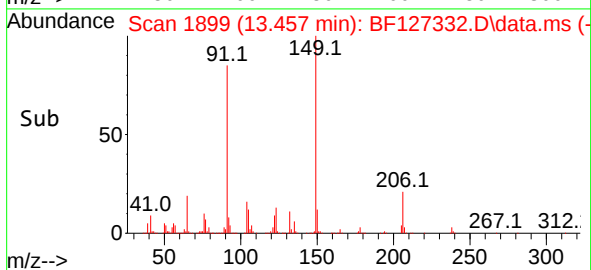
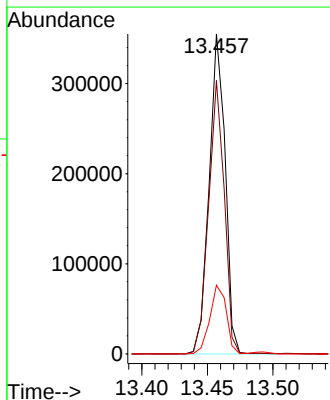
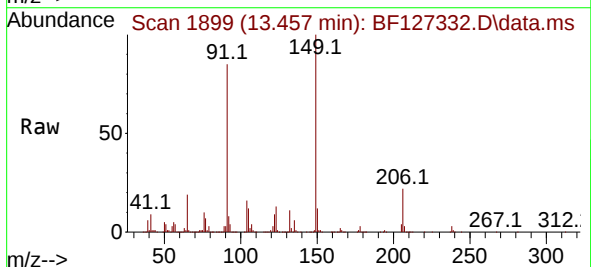
Manual Integrations
 APPROVED

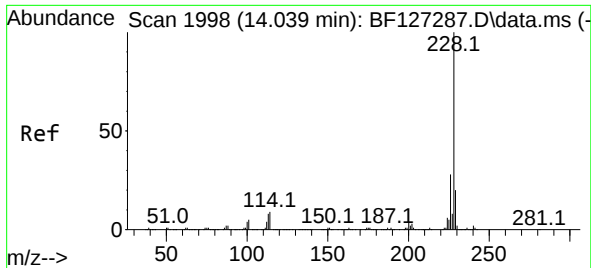
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#80
 Butylbenzylphthalate
 Concen: 49.786 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

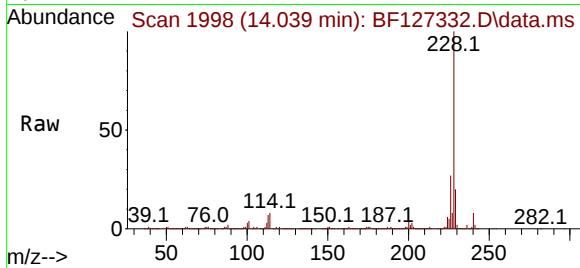
Tgt Ion:149 Resp: 303119
 Ion Ratio Lower Upper
 149 100
 91 85.4 70.5 105.7
 206 21.5 12.6 19.0





#81
Benzo(a)anthracene
Concen: 47.861 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

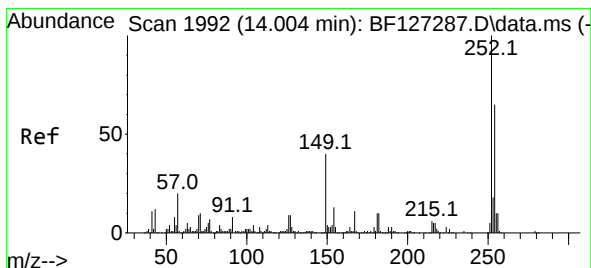
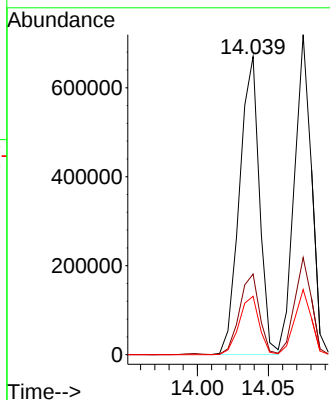
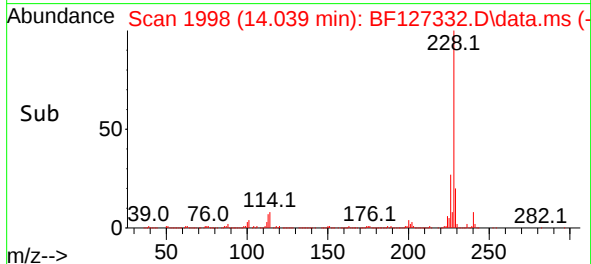
Instrument :
BNA_F
ClientSampleId :
VNJ-232MS



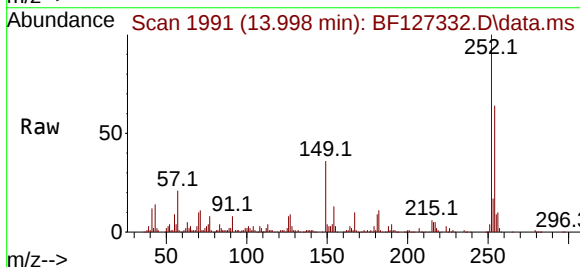
Tgt Ion:228 Resp: 65452
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.6 15.4 23.2

Manual Integrations
APPROVED

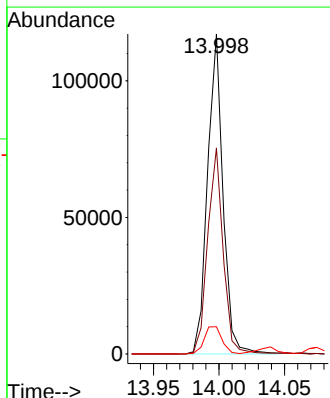
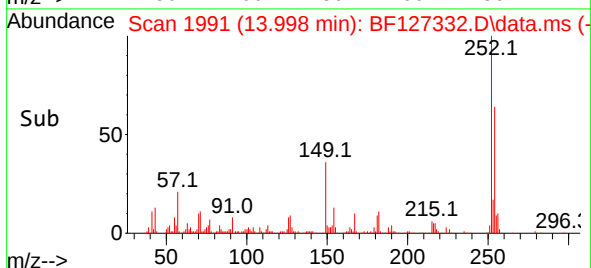
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

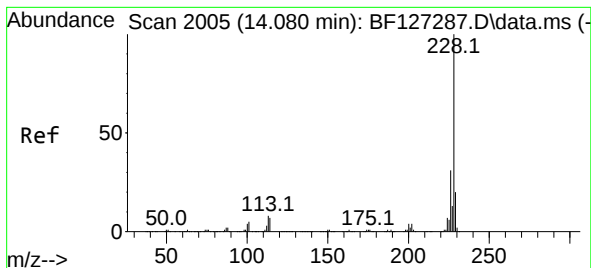


#82
3,3'-Dichlorobenzidine
Concen: 22.638 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13



Tgt Ion:252 Resp: 96260
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.4
126 8.5 13.4 20.0#





#83

Chrysene

Concen: 47.293 ng

RT: 14.075 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

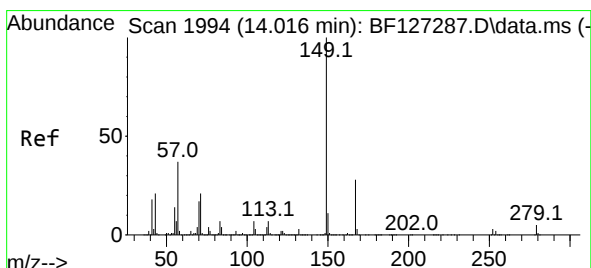
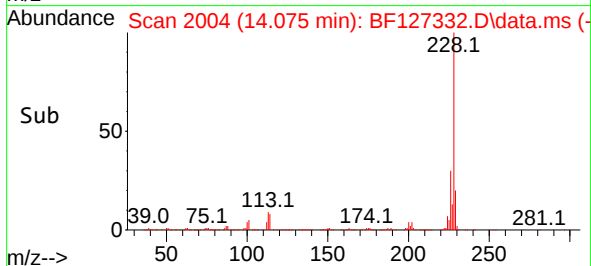
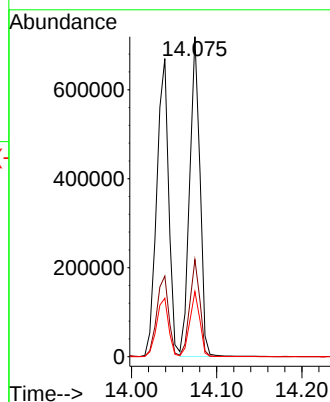
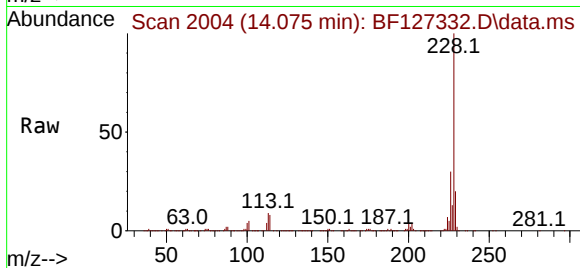
VNJ-232MS

Tgt Ion:	228	Resp:	601554
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.7	35.5
229	20.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.173 ng

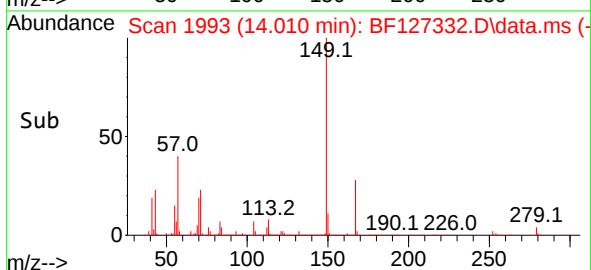
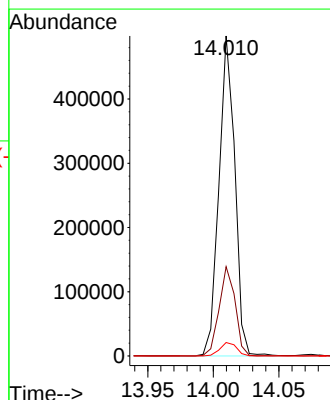
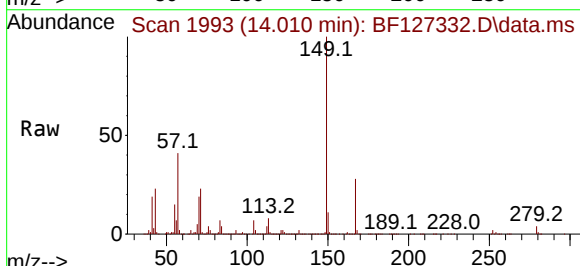
RT: 14.010 min Scan# 1993

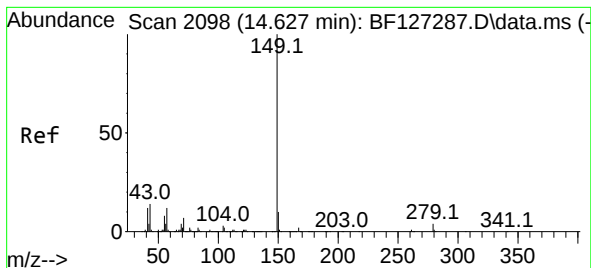
Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Tgt Ion:	149	Resp:	419406
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.4	32.2
279	4.2	2.4	3.6





#85

Di-n-octyl phthalate

Concen: 57.273 ng

RT: 14.627 min Scan# 2098

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:149 Resp: 710458

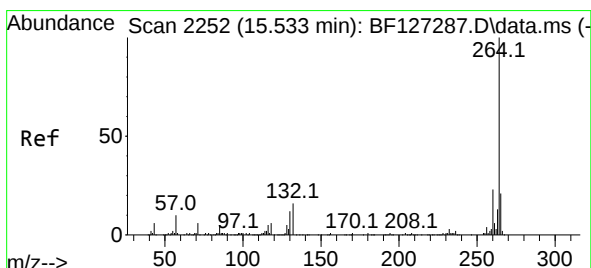
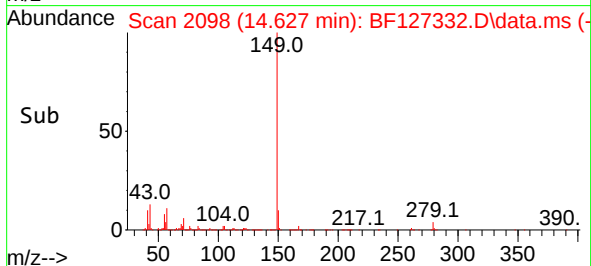
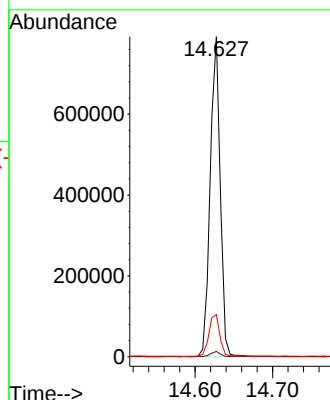
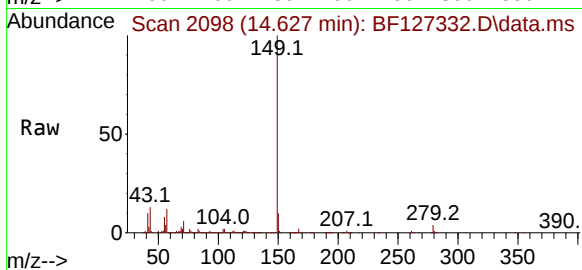
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	14.2	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

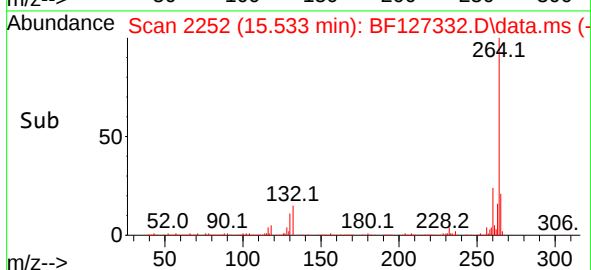
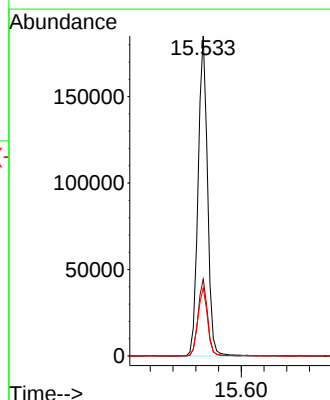
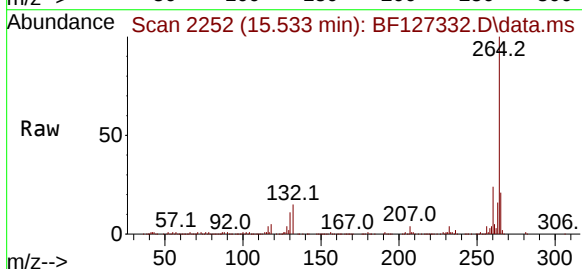
Delta R.T. 0.000 min

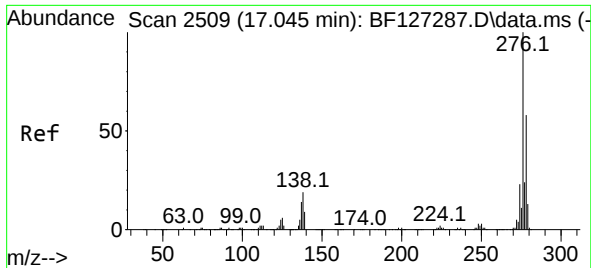
Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Tgt Ion:264 Resp: 213988

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.4	26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.615 ng
RT: 17.045 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

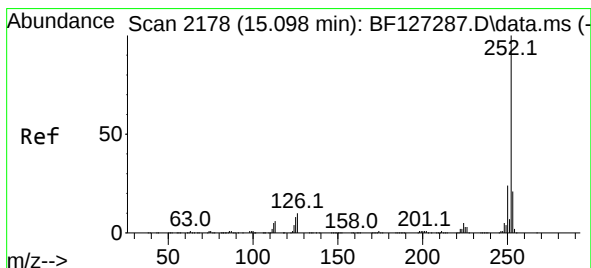
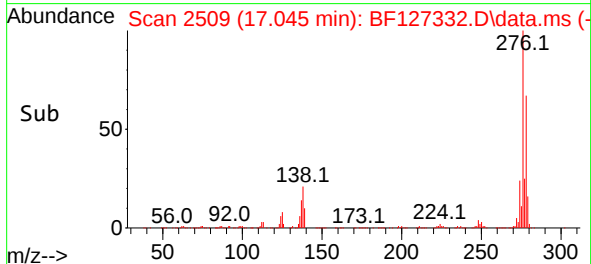
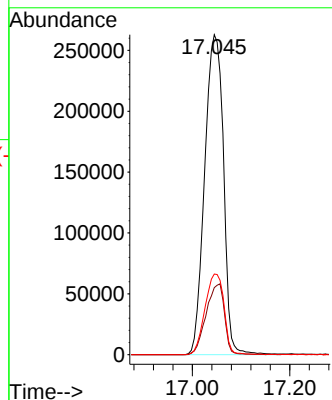
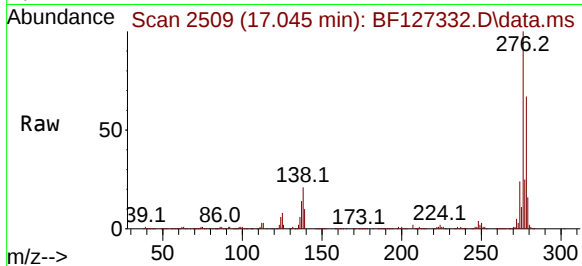
VNJ-232MS

Tgt Ion:276 Resp: 704038
Ion Ratio Lower Upper
276 100
138 21.6 29.2 43.8
277 25.5 19.8 29.8

Manual Integrations

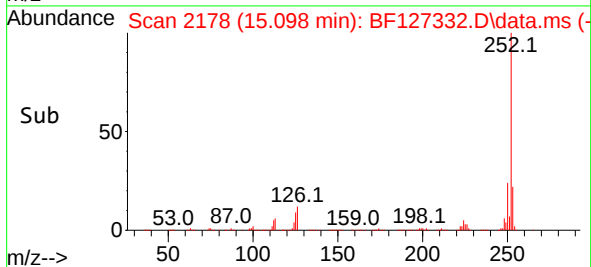
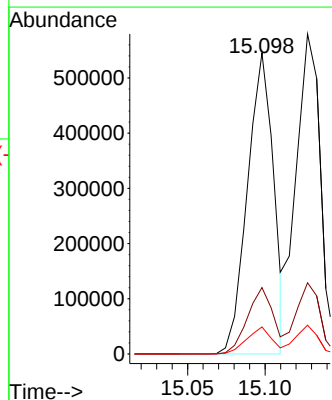
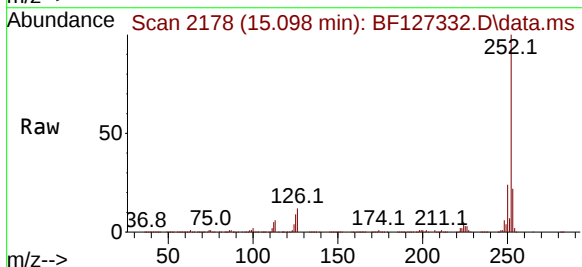
APPROVED

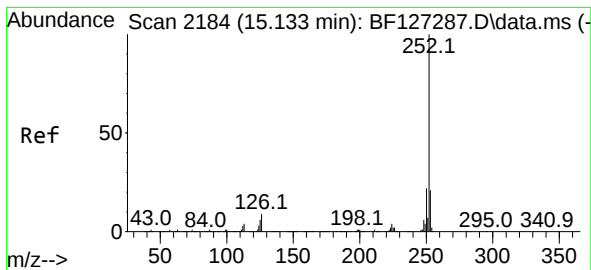
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#88
Benzo(b)fluoranthene
Concen: 45.504 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF127332.D
Acq: 15 Mar 2022 19:13

Tgt Ion:252 Resp: 639153
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.0 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 47.989 ng

RT: 15.127 min Scan# 2183

Delta R.T. -0.006 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

Instrument :

BNA_F

ClientSampleId :

VNJ-232MS

Tgt Ion:252 Resp: 63379

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

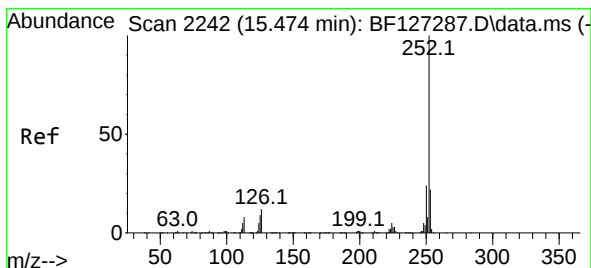
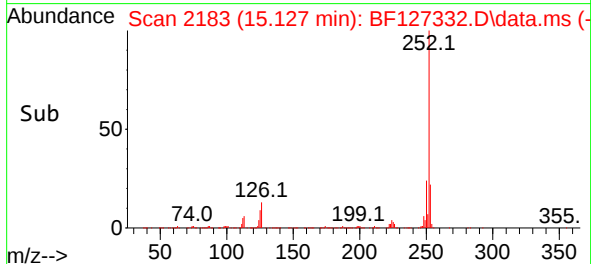
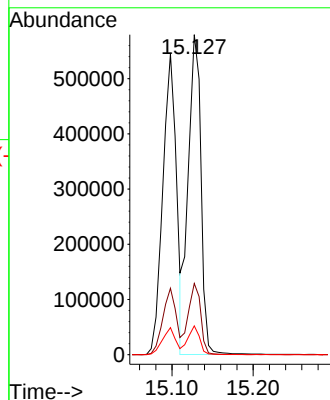
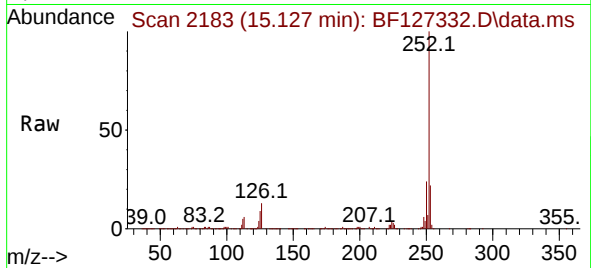
125 9.0 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2022

Supervised By :Jagrut Upadhyay 03/16/2022



#90

Benzo(a)pyrene

Concen: 56.720 ng

RT: 15.474 min Scan# 2242

Delta R.T. 0.000 min

Lab File: BF127332.D

Acq: 15 Mar 2022 19:13

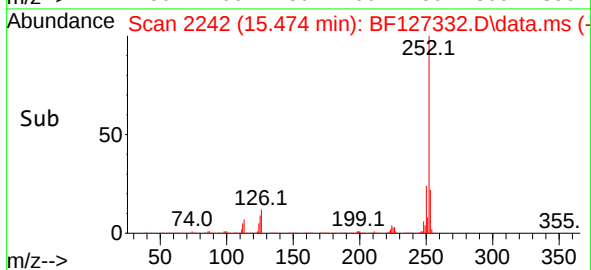
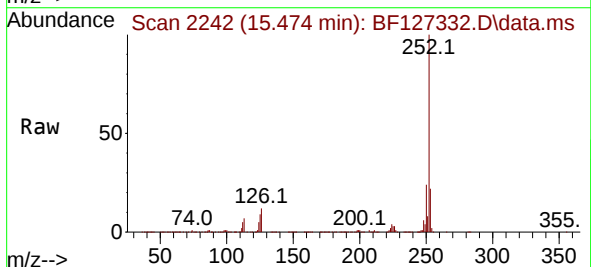
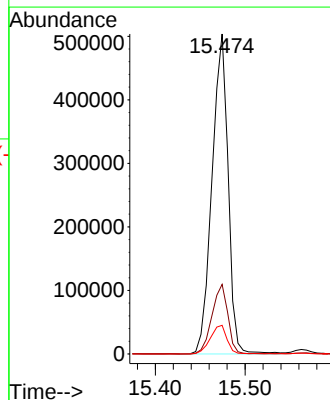
Tgt Ion:252 Resp: 627363

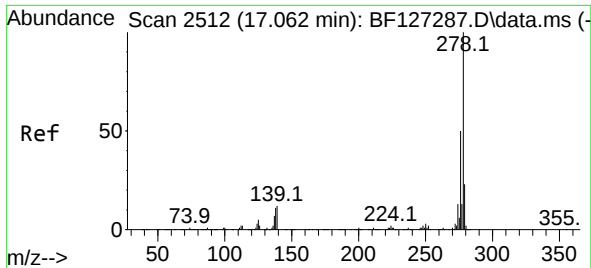
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

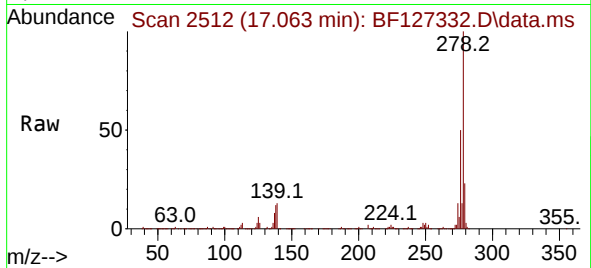
125 9.0 13.0 19.6#





#91
 Dibenzo(a,h)anthracene
 Concen: 58.042 ng
 RT: 17.063 min Scan# 2512
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

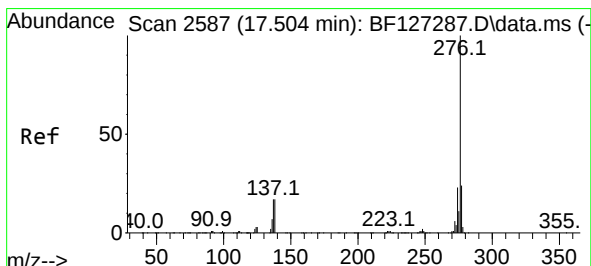
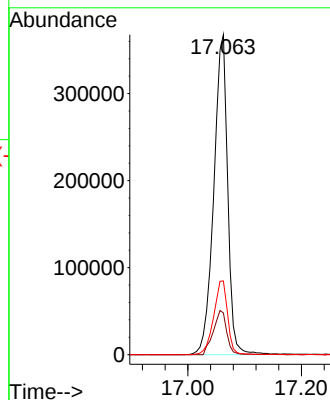
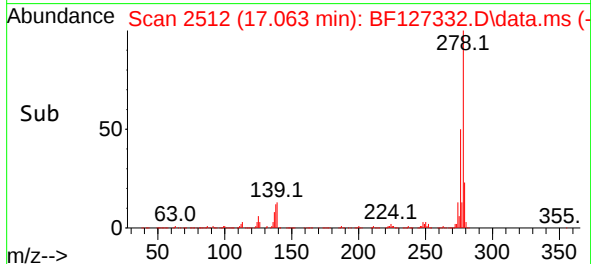
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232MS



Tgt Ion: 278 Resp: 62273
 Ion Ratio Lower Upper
 278 100
 139 13.0 18.0 27.0
 279 23.1 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022



#92
 Benzo(g,h,i)perylene
 Concen: 58.363 ng
 RT: 17.504 min Scan# 2587
 Delta R.T. 0.000 min
 Lab File: BF127332.D
 Acq: 15 Mar 2022 19:13

Tgt Ion: 276 Resp: 610800
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.5 27.7
 138 18.4 25.9 38.9

