

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127158.D
 Acq On : 02 Mar 2022 20:33
 Operator : CG\JU
 Sample : N1713-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-235

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:57:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74466	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	280437	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	113464	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	150881	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	147445	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	130134	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	435452	90.380	ng	0.01
7) Phenol-d6	6.522	99	520252	80.024	ng	0.00
23) Nitrobenzene-d5	7.457	82	360408	58.009	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	80759	61.819	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	338686	43.943	ng	0.00
79) Terphenyl-d14	13.010	244	234659	23.396	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	33817	8.545	ng	# 70
10) Phenol	6.534	94	32480	4.944	ng	# 62
15) Benzyl Alcohol	7.040	79	36452	6.656	ng	87
20) 3+4-Methylphenols	7.304	107	31206	5.373	ng	# 71
32) Benzoic acid	8.010	122	84275m	28.946	ng	
37) 2-Methylnaphthalene	8.886	142	34465	3.628	ng	94
38) 1-Methylnaphthalene	8.986	142	22653	2.490	ng	91
81) Benzo(a)anthracene	14.080	228	26501m	2.666	ng	

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

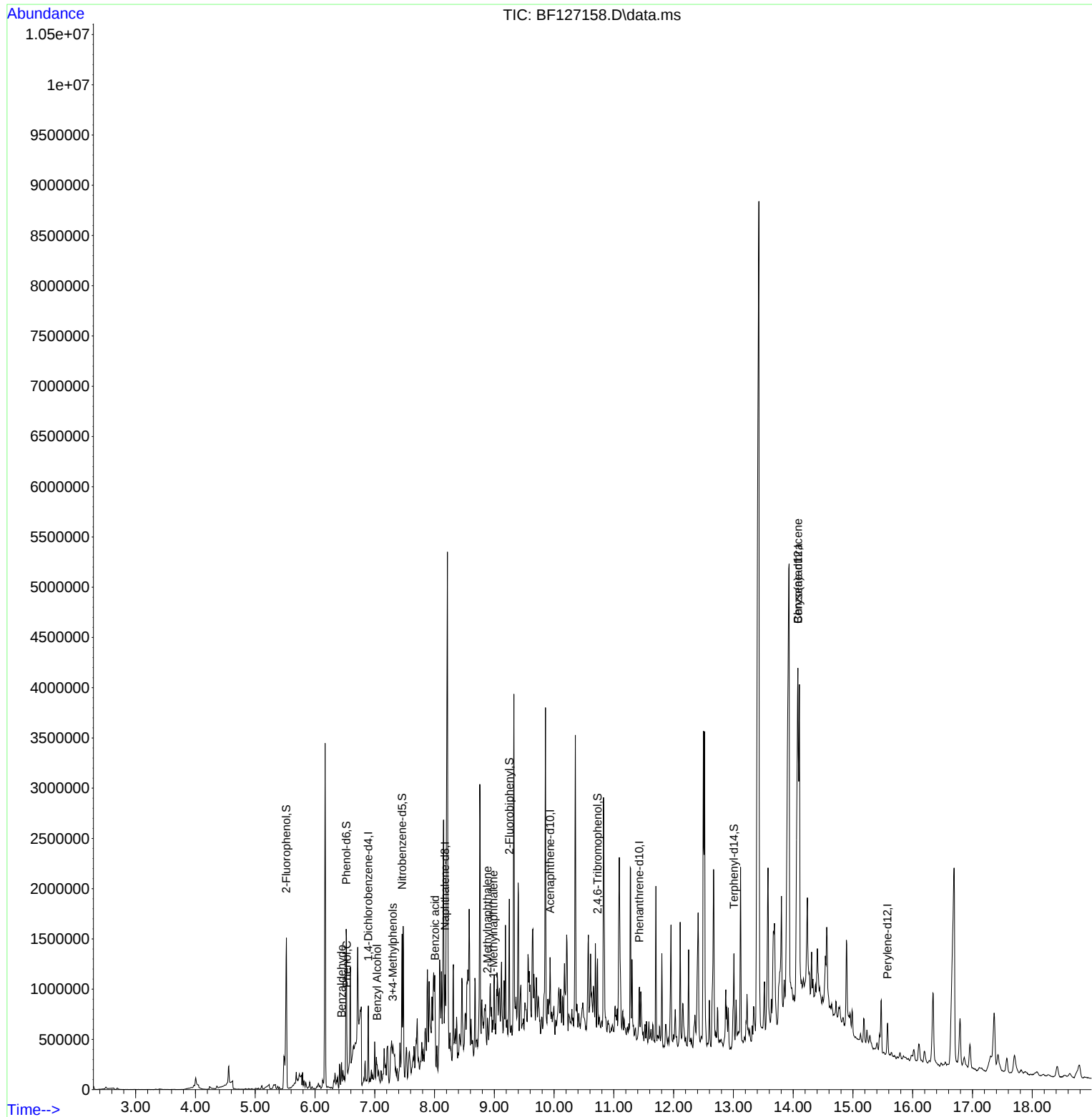
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127158.D
Acq On : 02 Mar 2022 20:33
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ALS Vial : 22 Sample Multiplier: 1

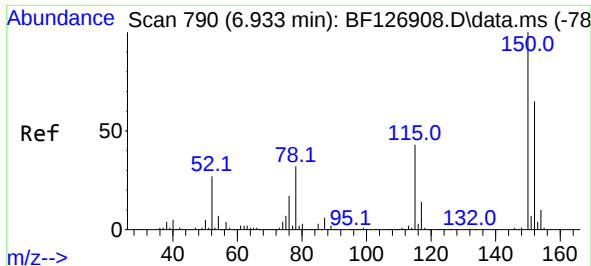
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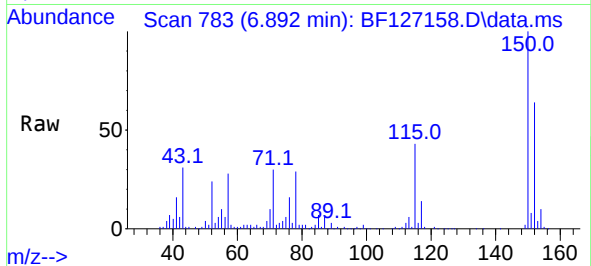
Quant Time: Mar 03 00:57:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

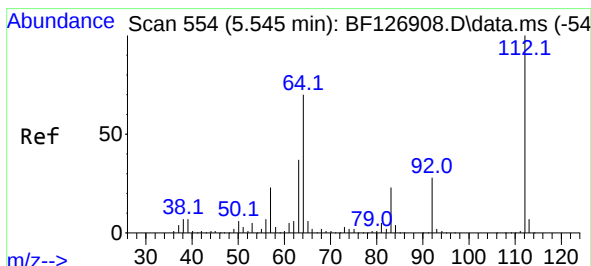
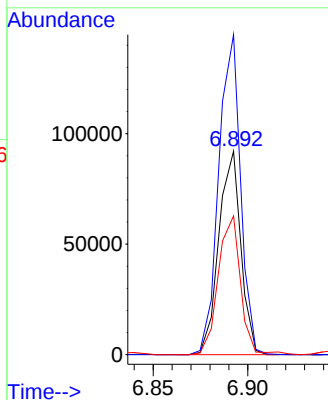
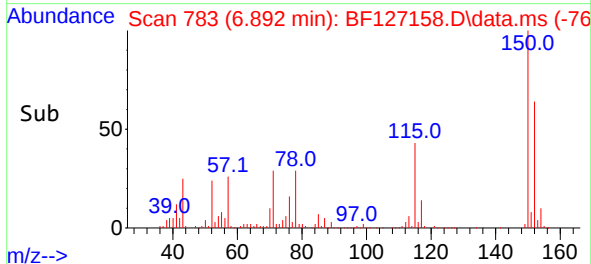
Instrument :
BNA_F
ClientSampleId :
VNJ-235



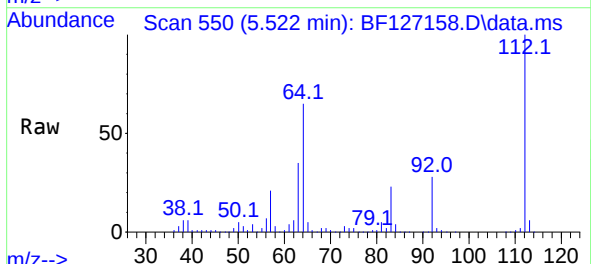
Tgt Ion:152 Resp: 74460
Ion Ratio Lower Upper
152 100
150 157.2 128.1 192.1
115 68.1 56.7 85.1

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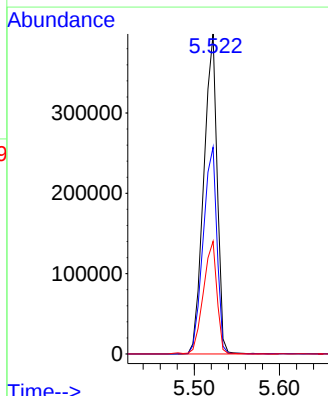
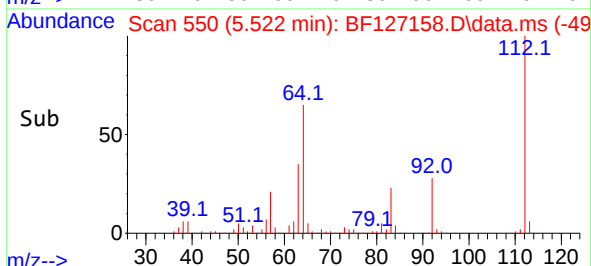
Reviewed By :Christian Giraldo 03/03/2022
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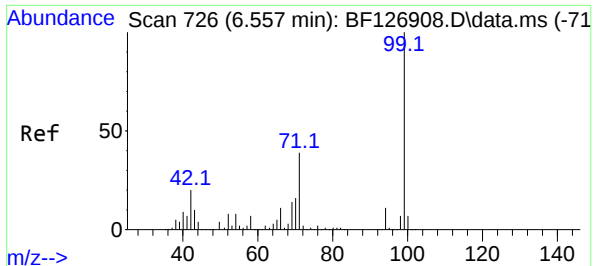


#5
2-Fluorophenol
Concen: 90.380 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



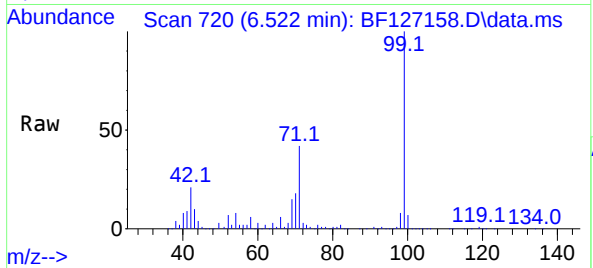
Tgt Ion:112 Resp: 435452
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 35.2 23.9 35.9





#7
Phenol-d6
Concen: 80.024 ng
RT: 6.522 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

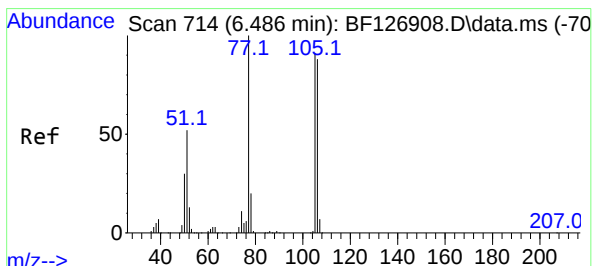
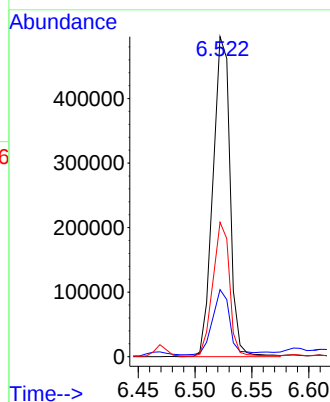
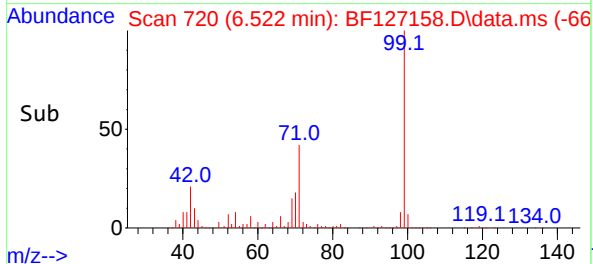
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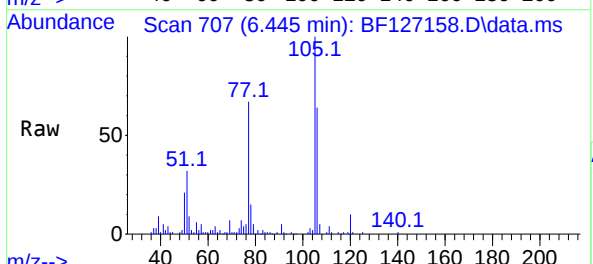
Tgt Ion: 99 Resp: 52025
Ion Ratio Lower Upper
99 100
42 20.9 14.2 21.4
71 42.0 24.3 36.5

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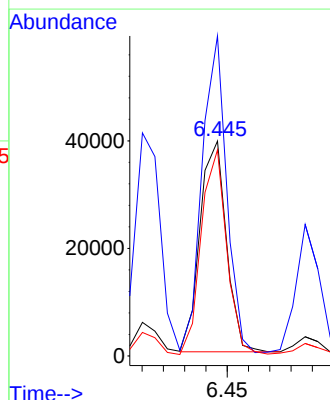
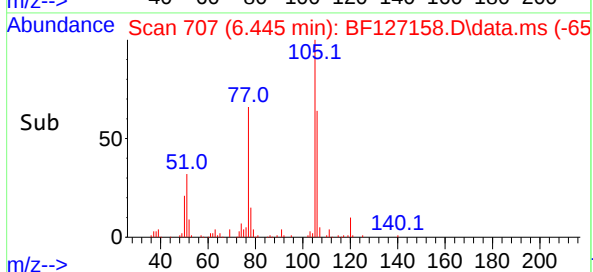
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

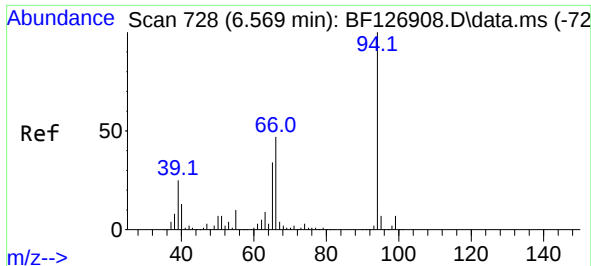


#9
Benzaldehyde
Concen: 8.545 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



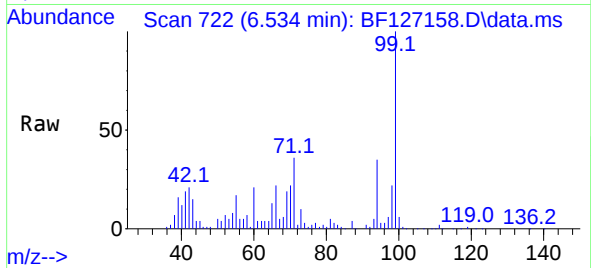
Tgt Ion: 77 Resp: 33817
Ion Ratio Lower Upper
77 100
105 149.0 74.9 114.9#
106 95.9 72.4 112.4





#10
Phenol
Concen: 4.944 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

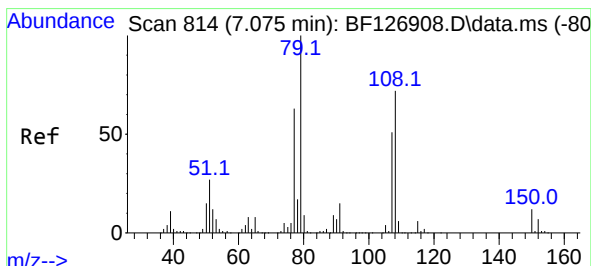
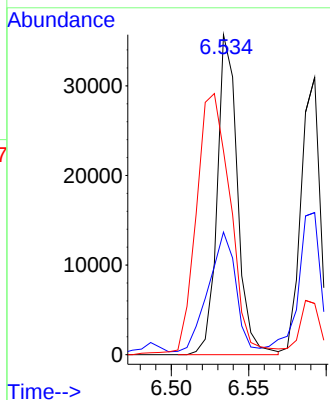
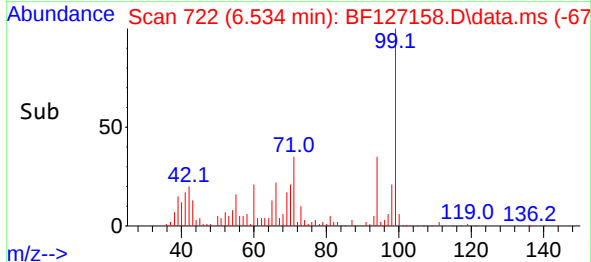
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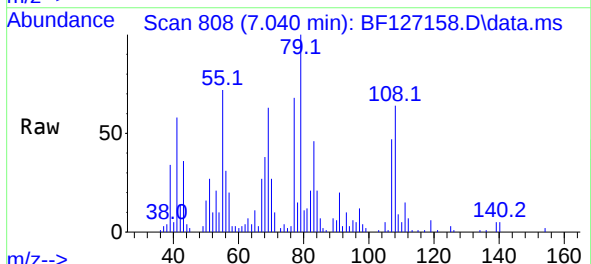
Tgt Ion: 94 Resp: 32480
Ion Ratio Lower Upper
94 100
65 38.3 7.2 47.2
66 63.7 14.5 54.5

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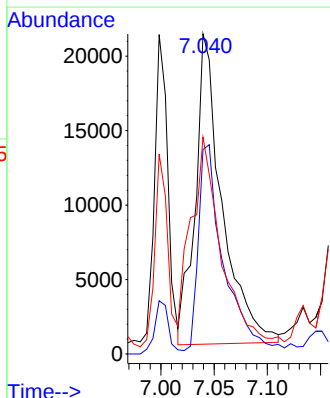
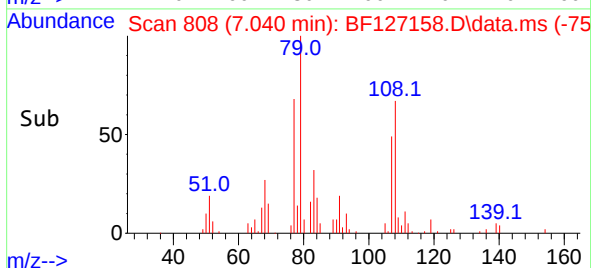
Reviewed By :Christian Giraldo 03/03/2022
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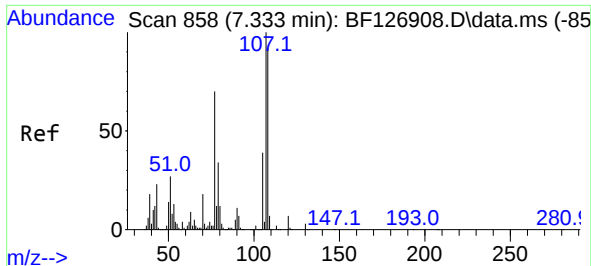


#15
Benzyl Alcohol
Concen: 6.656 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



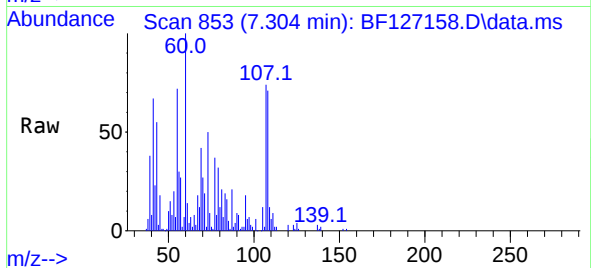
Tgt Ion: 79 Resp: 36452
Ion Ratio Lower Upper
79 100
108 63.9 63.2 94.8
77 67.7 49.4 74.2





#20
3+4-Methylphenols
Concen: 5.373 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Instrument :
BNA_F
ClientSampleId :
VNJ-235

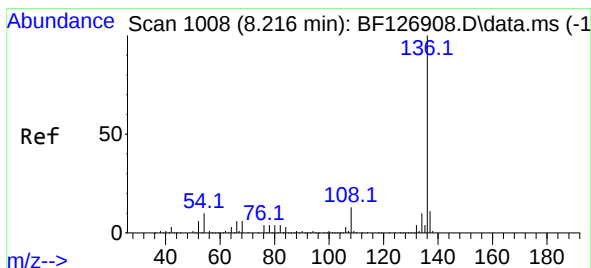
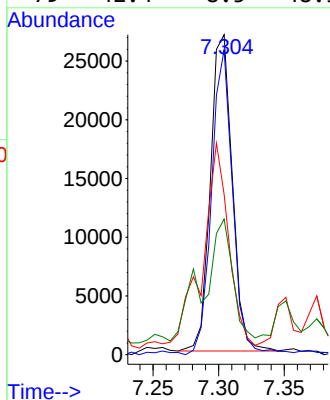
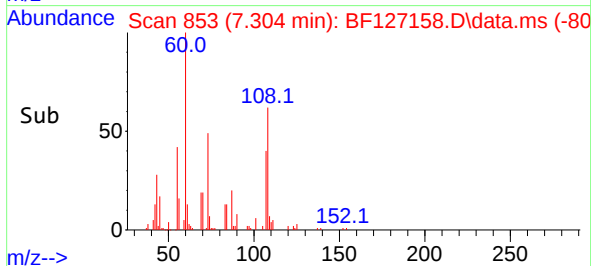


Tgt Ion:107 Resp: 31200

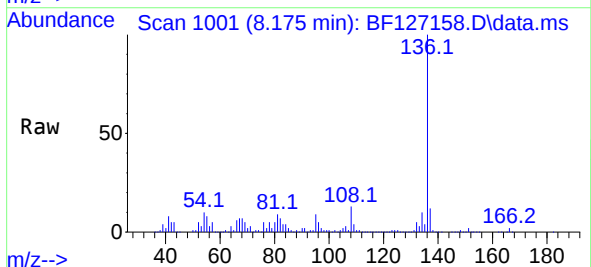
Ion	Ratio	Lower	Upper
107	100		
108	95.3	72.4	112.4
77	50.1	83.8	123.8
79	42.4	8.5	48.5

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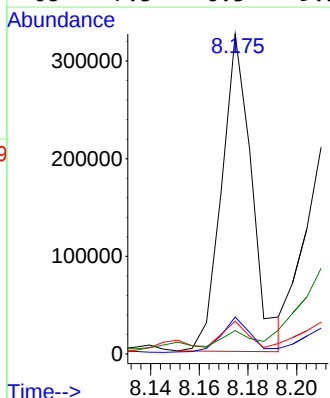
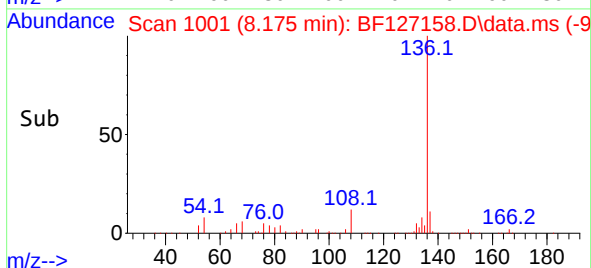


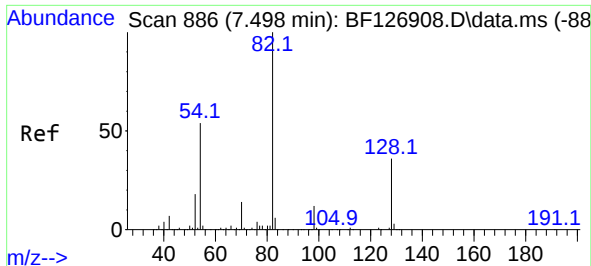
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



Tgt Ion:136 Resp: 280437

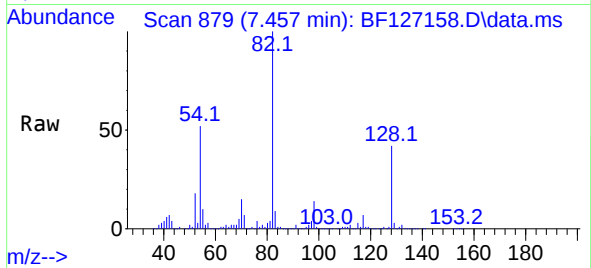
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	10.2	7.8	11.6
68	7.3	6.3	9.5





#23
Nitrobenzene-d5
Concen: 58.009 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

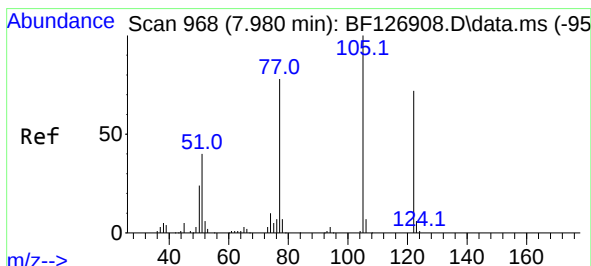
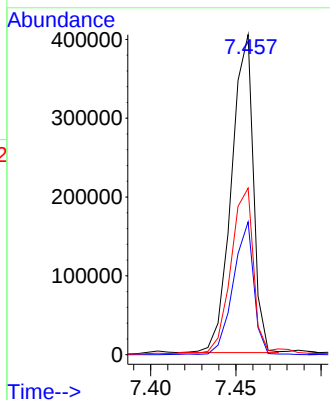
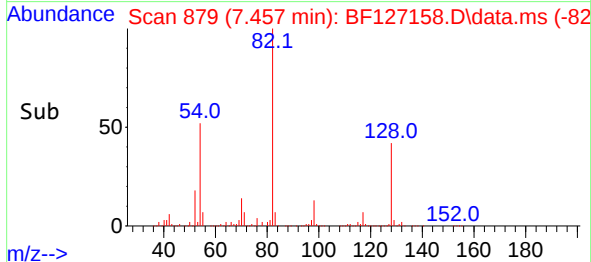
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BNA_F
ClientSampleId :
VNJ-235



Tgt Ion: 82 Resp: 360408
Ion Ratio Lower Upper
82 100
128 41.5 32.7 49.1
54 52.0 41.7 62.5

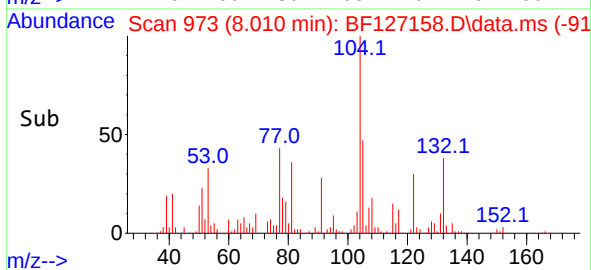
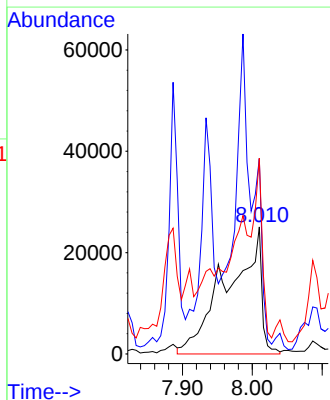
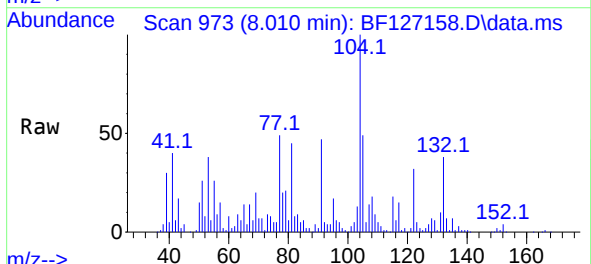
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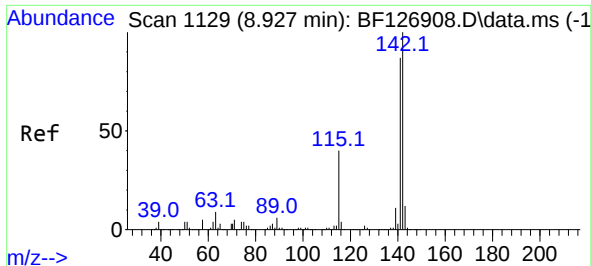
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#32
Benzoic acid
Concen: 28.946 ng m
RT: 8.010 min Scan# 973
Delta R.T. 0.059 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

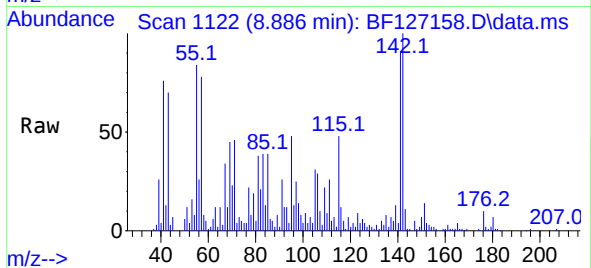
Tgt Ion:122 Resp: 84275
Ion Ratio Lower Upper
122 100
105 153.9 101.0 141.0#
77 154.0 74.5 114.5#





#37
2-Methylnaphthalene
Concen: 3.628 ng
RT: 8.886 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

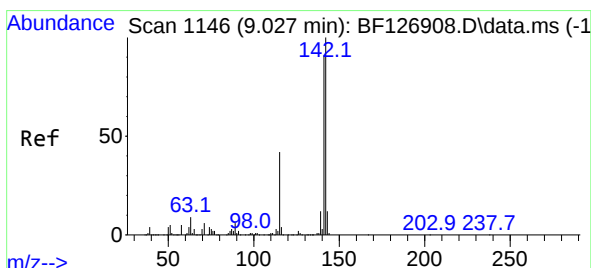
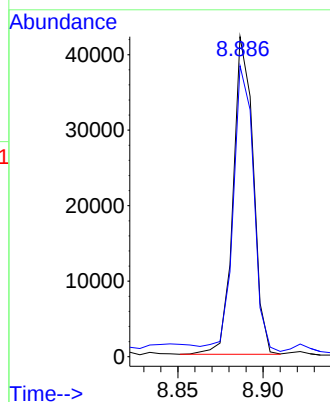
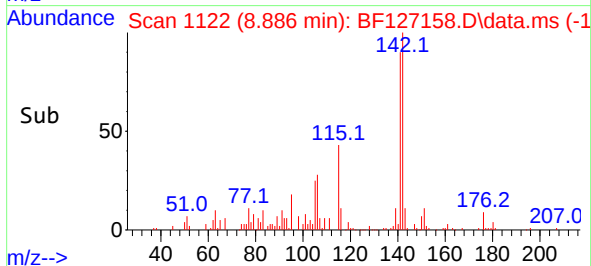
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Tgt Ion:142 Resp: 3446
Ion Ratio Lower Upper
142 100
141 90.9 68.6 102.8

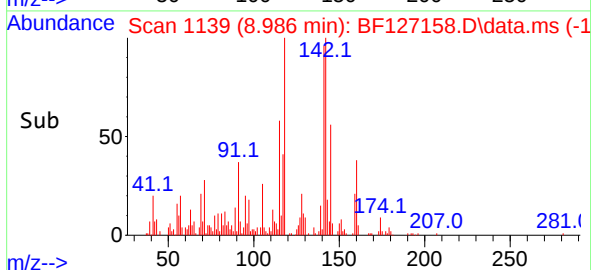
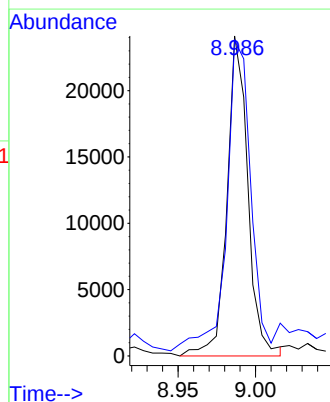
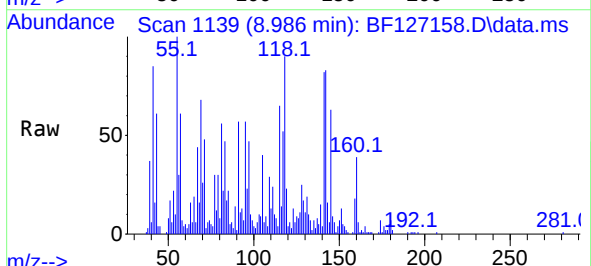
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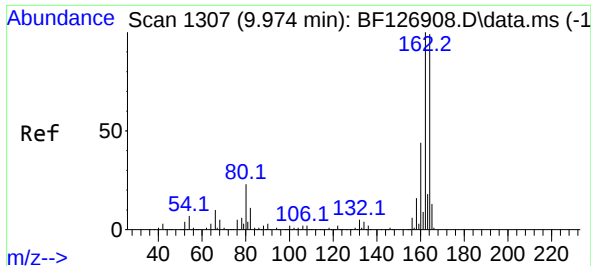
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#38
1-Methylnaphthalene
Concen: 2.490 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

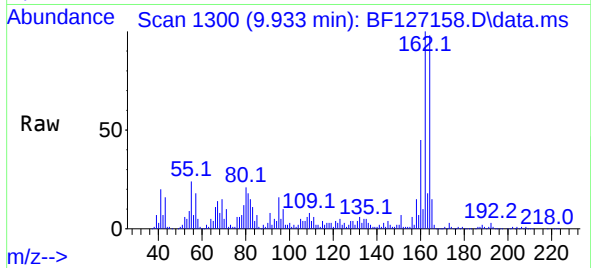
Tgt Ion:142 Resp: 22653
Ion Ratio Lower Upper
142 100
141 98.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

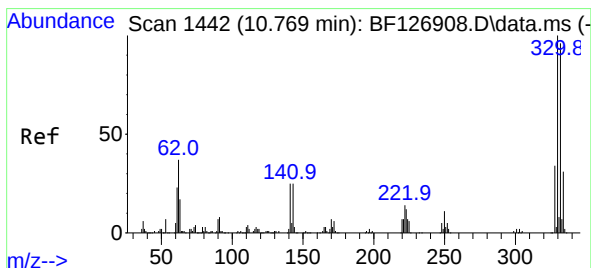
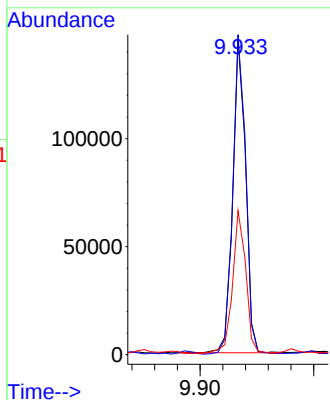
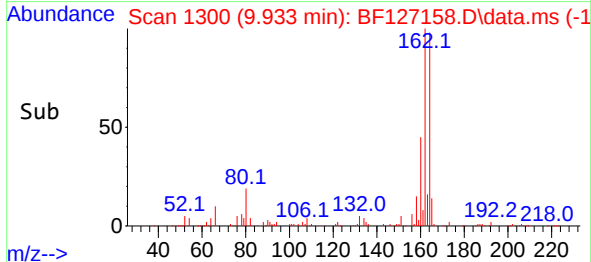
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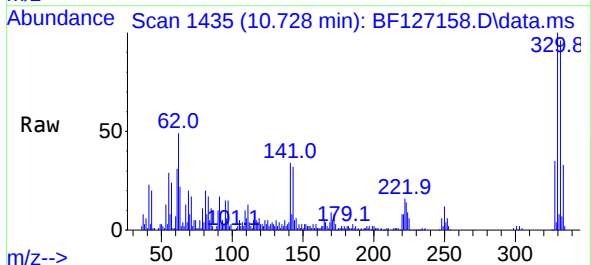
Tgt Ion:164 Resp: 11346
Ion Ratio Lower Upper
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162 101.6 81.4 122.0
160 45.7 36.6 54.8

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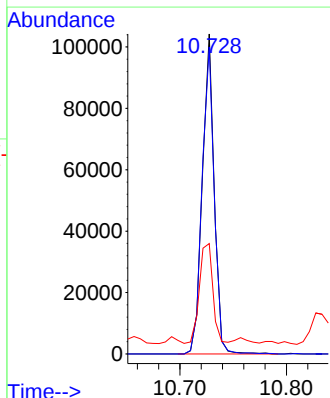
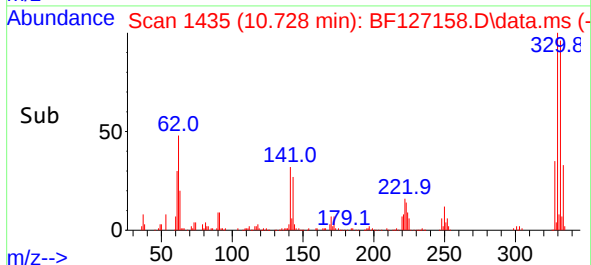
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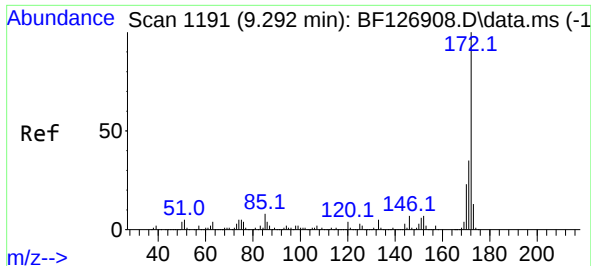


#42
2,4,6-Tribromophenol
Concen: 61.819 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



Tgt Ion:330 Resp: 80759
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 35.6 30.1 45.1





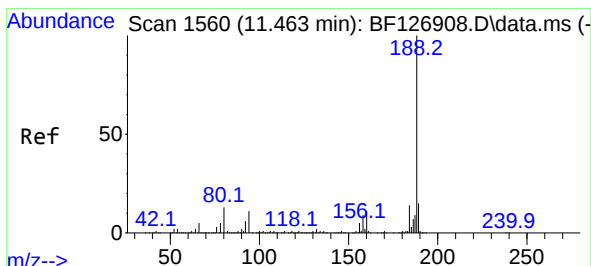
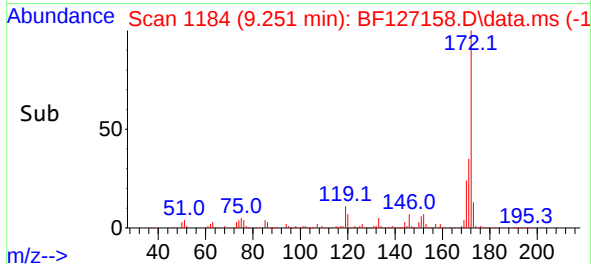
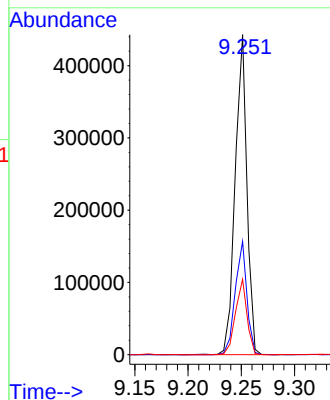
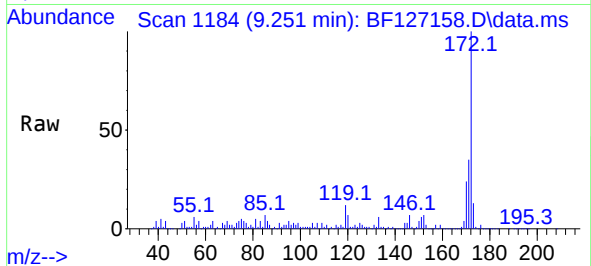
#45
2-Fluorobiphenyl
Concen: 43.943 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Instrument :
BNA_F
ClientSampleId :
VNJ-235

Tgt Ion:172 Resp: 338680
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 19.0 28.6

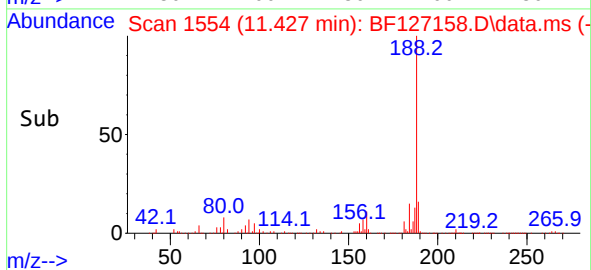
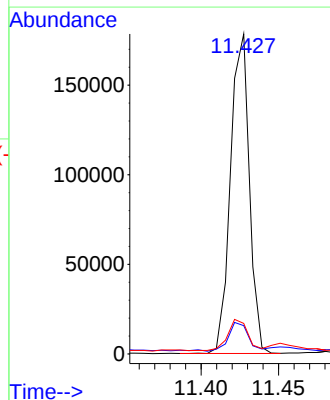
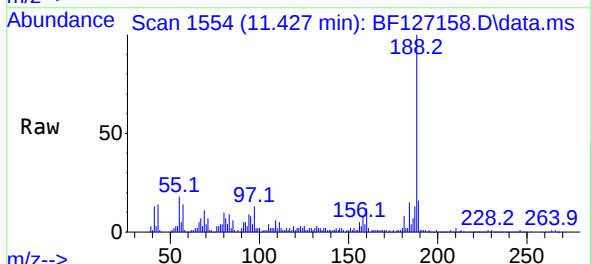
Manual Integrations
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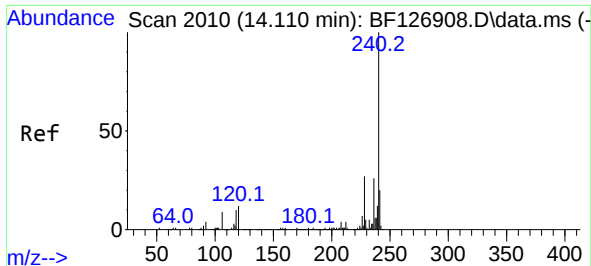
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

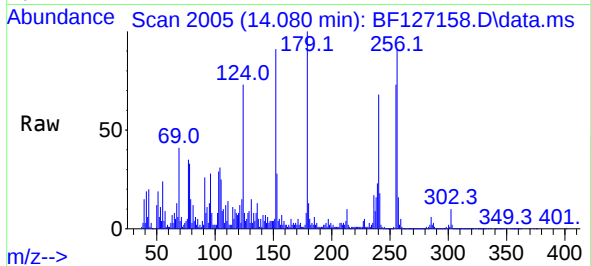
Tgt Ion:188 Resp: 150881
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 9.6 11.8 17.6#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

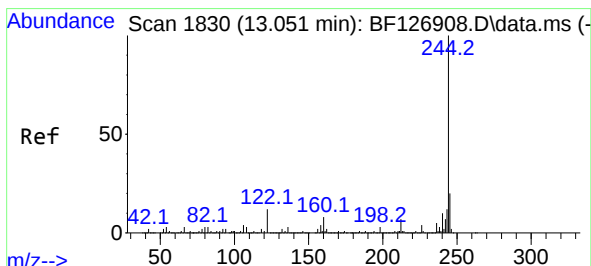
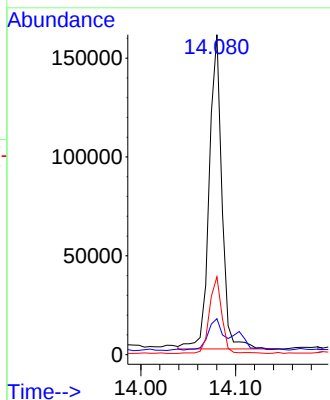
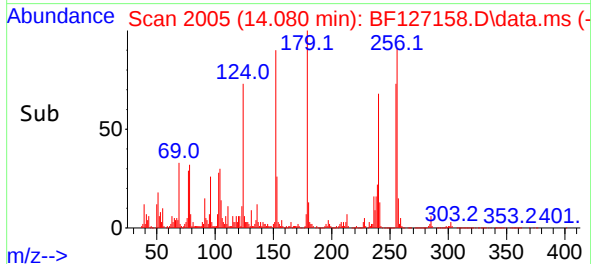
Instrument :
BNA_F
ClientSampleId :
VNJ-235



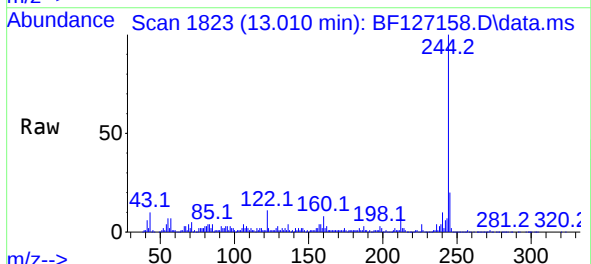
Tgt Ion:240 Resp: 147445
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6
236 24.3 20.5 30.7

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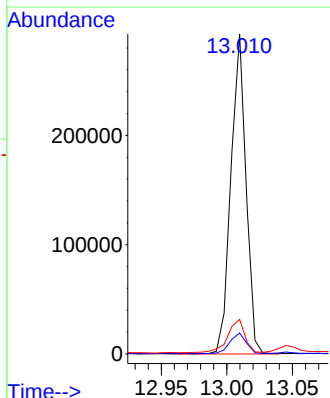
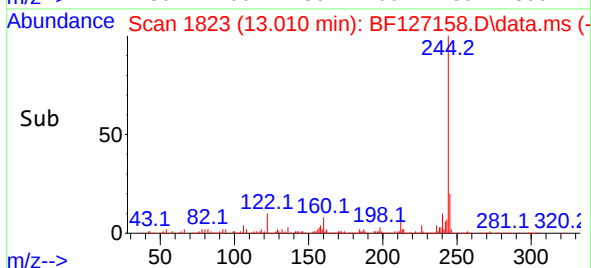
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

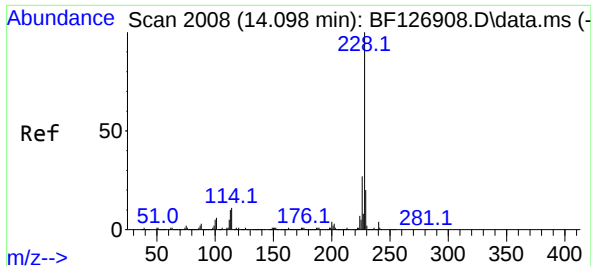


#79
Terphenyl-d14
Concen: 23.396 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



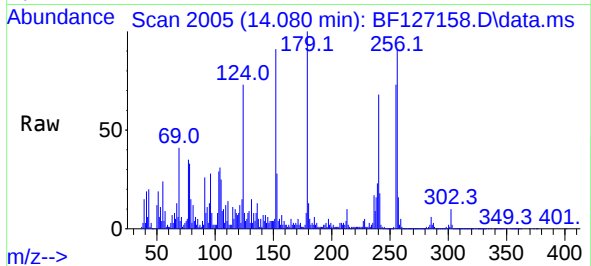
Tgt Ion:244 Resp: 234659
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.8 13.3 19.9





#81
Benzo(a)anthracene
Concen: 2.666 ng m
RT: 14.080 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

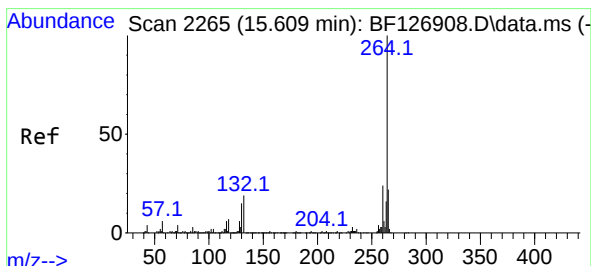
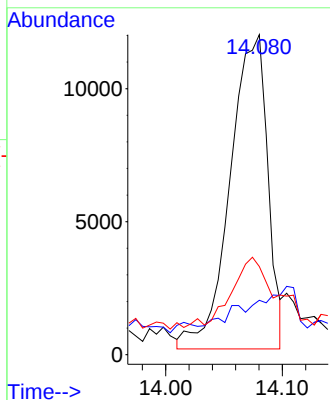
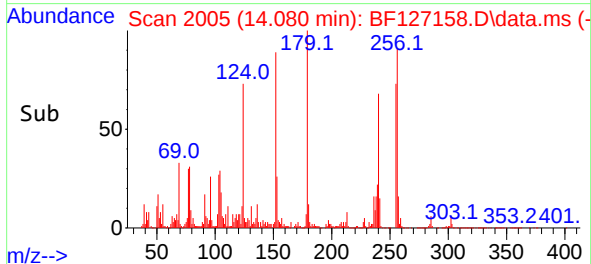
Instrument :
BNA_F
ClientSampleId :
VNJ-235



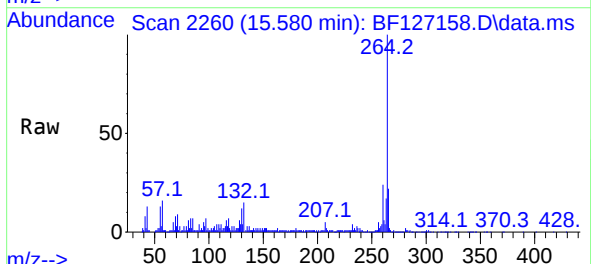
Tgt Ion:228 Resp: 2650
Ion Ratio Lower Upper
228 100
226 17.0 21.4 32.0
229 27.5 15.4 23.2

Manual Integrations
APPROVED

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



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. 0.012 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33



Tgt Ion:264 Resp: 130134
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 17.4 26.2

