

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124866.D
 Acq On : 29 Jul 2021 23:20
 Operator : JU/CG
 Sample : M3216-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210565-COM-38

Quant Time: Jul 30 02:55:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

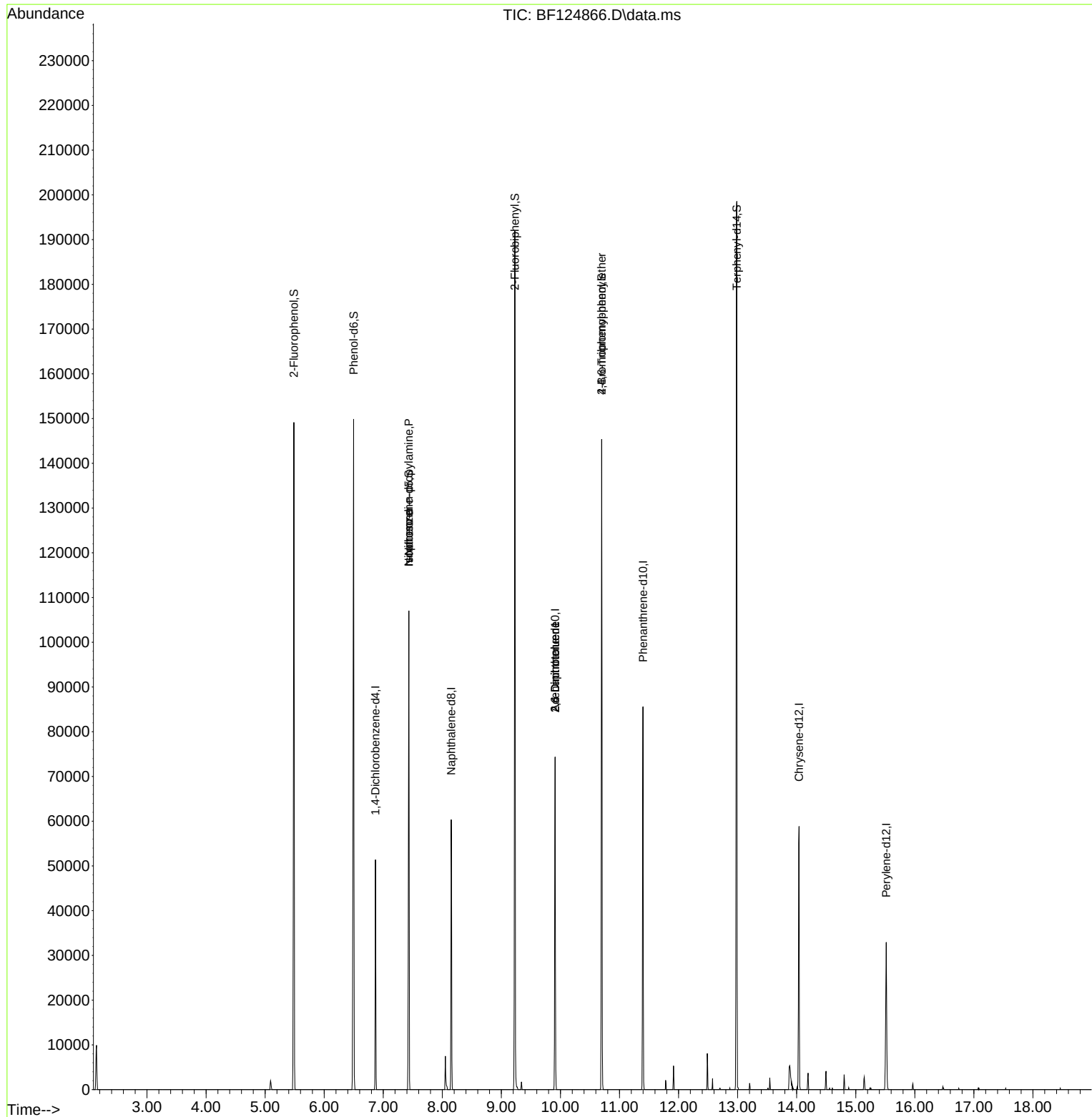
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6885	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	25960	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	15498	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	29835	20.00	ng	0.00
76) Chrysene-d12	14.039	240	23415	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	17092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	38778	95.36	ng	0.00
7) Phenol-d6	6.498	99	47311	92.81	ng	0.00
23) Nitrobenzene-d5	7.434	82	29640	67.95	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14336	107.74	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	56882	53.91	ng	0.00
79) Terphenyl-d14	12.986	244	72975	53.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	3944	14.49	ng	# 65
25) Isophorone	7.434	82	29639	38.43	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1818	7.71	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1818	5.68	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	982	3.10	ng	# 1

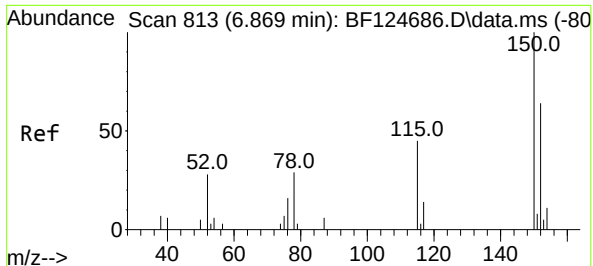
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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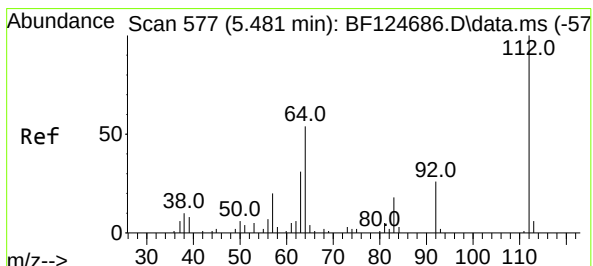
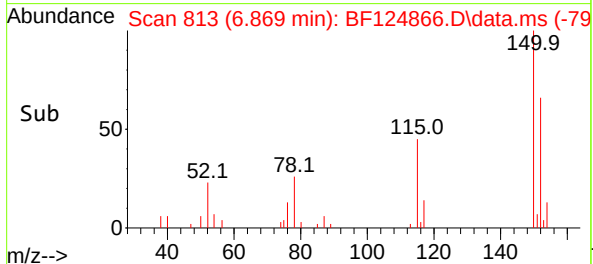
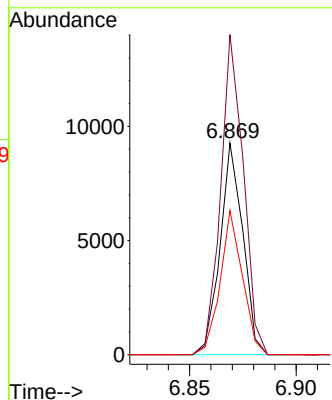
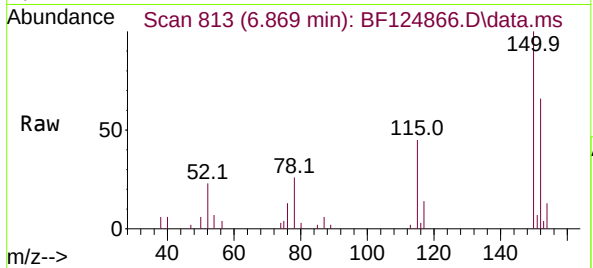




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

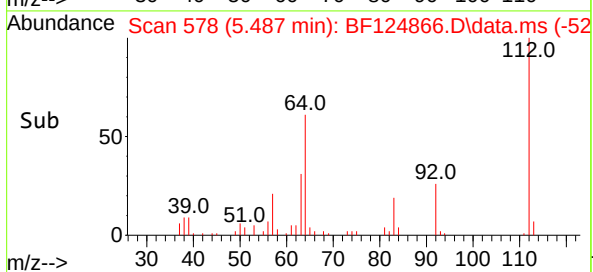
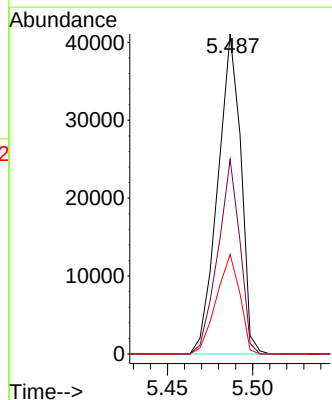
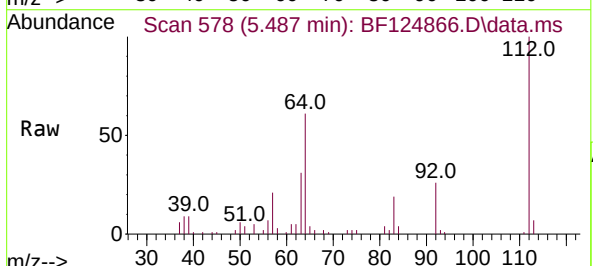
Instrument :
BNA_F
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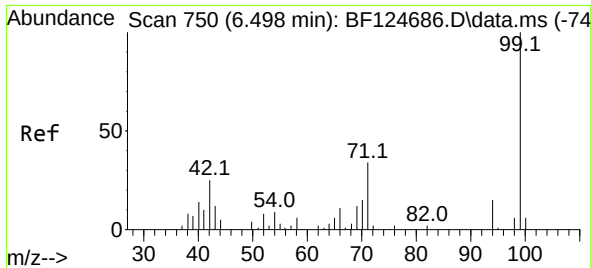
Tgt Ion:152 Resp: 6885
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 68.0 47.1 70.7



#5
2-Fluorophenol
Concen: 95.36 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion:112 Resp: 38778
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 31.1 26.2 39.2

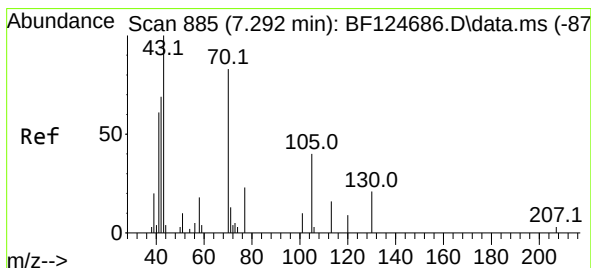
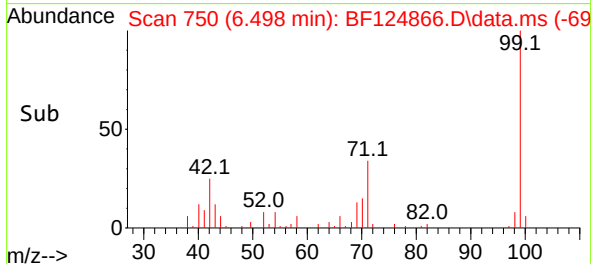
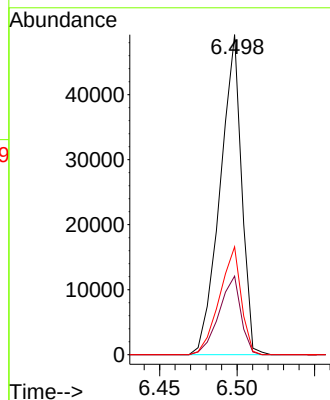
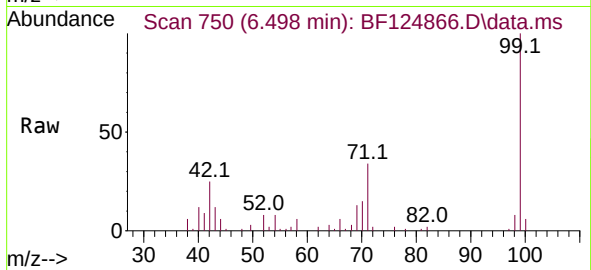




#7
Phenol-d6
Concen: 92.81 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

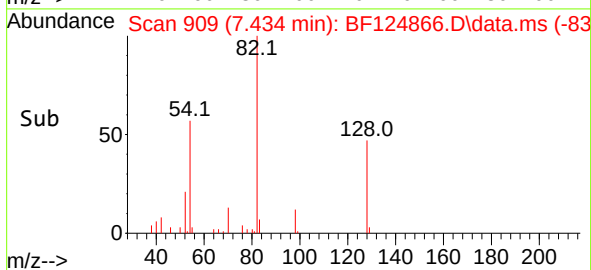
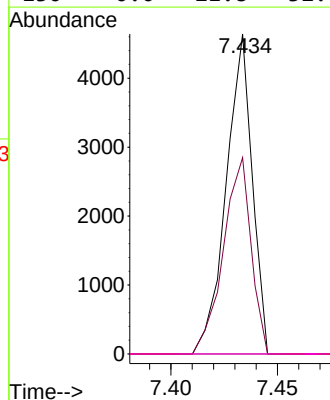
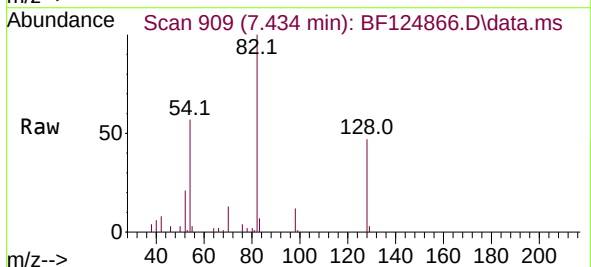
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ClientSampleId :
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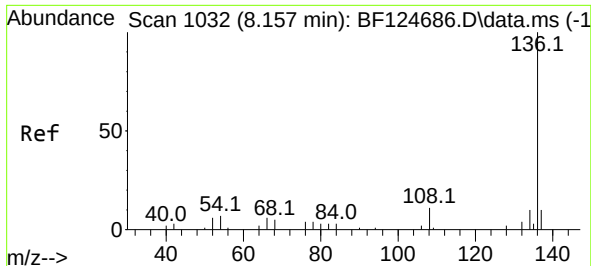
Tgt Ion:	99	Resp:	47311
Ion	Ratio	Lower	Upper
99	100		
42	24.6	23.5	35.3
71	33.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.49 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion:	70	Resp:	3944
Ion	Ratio	Lower	Upper
70	100		
42	61.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

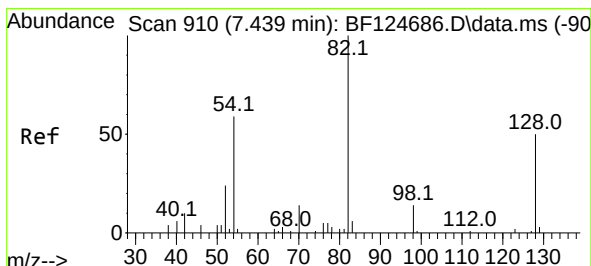
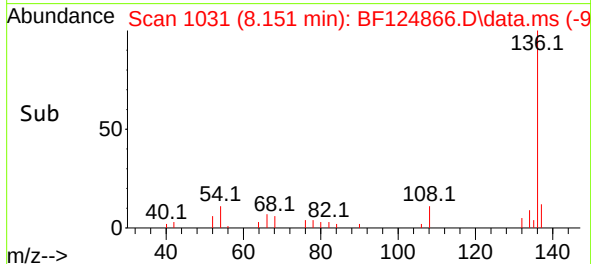
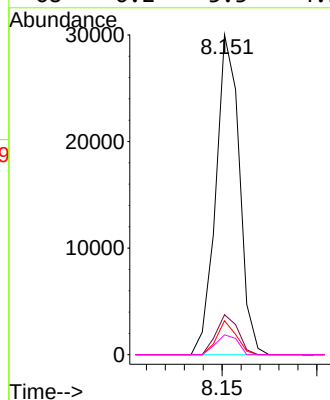
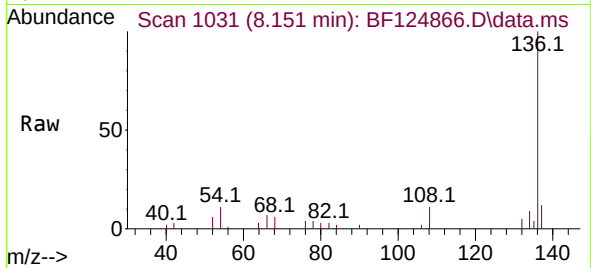




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

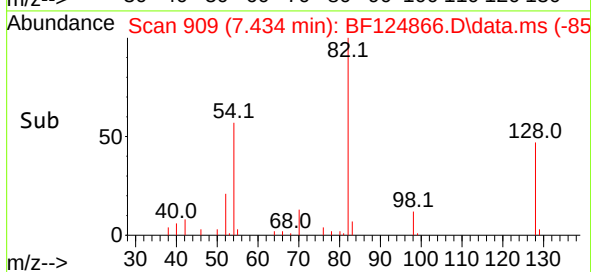
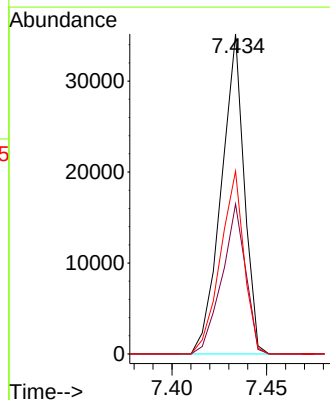
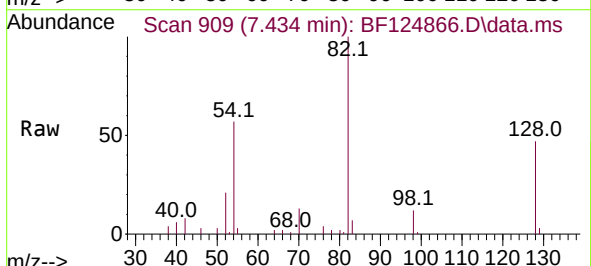
Instrument :
BNA_F
ClientSampleId :
20210565-COM-38

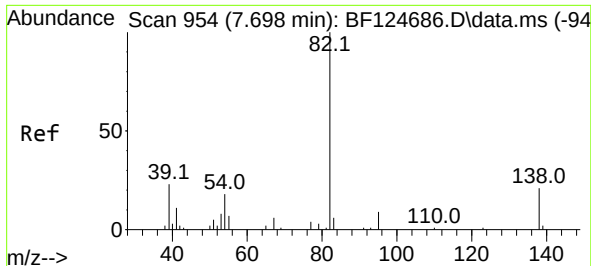
Tgt Ion:	136	Resp:	25960
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.6
54	10.6	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 67.95 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion:	82	Resp:	29640
Ion	Ratio	Lower	Upper
82	100		
128	46.8	40.6	60.8
54	57.2	49.6	74.4

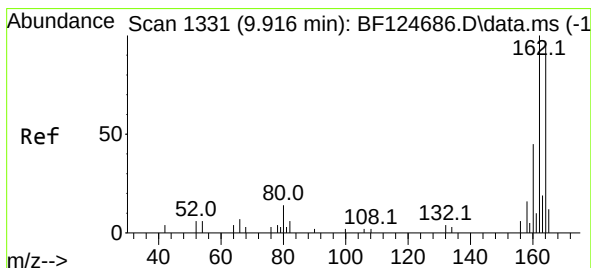
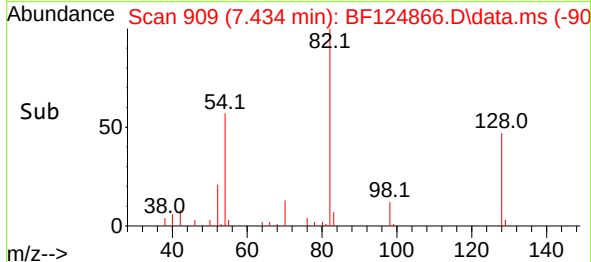
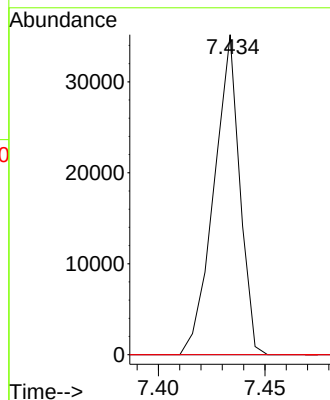
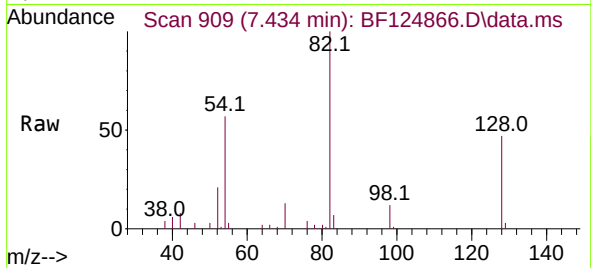




#25
Isophorone
Concen: 38.43 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

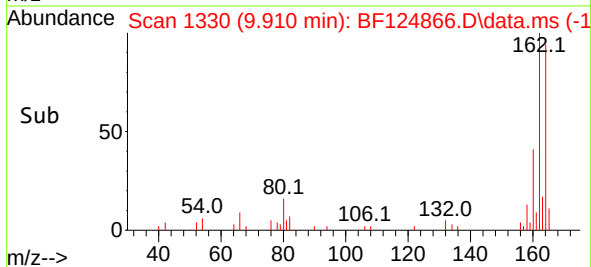
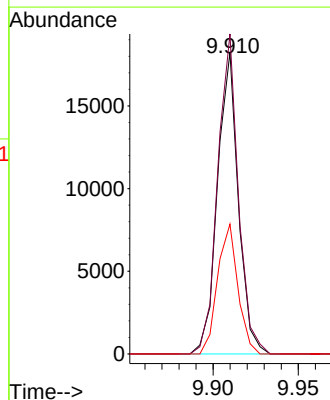
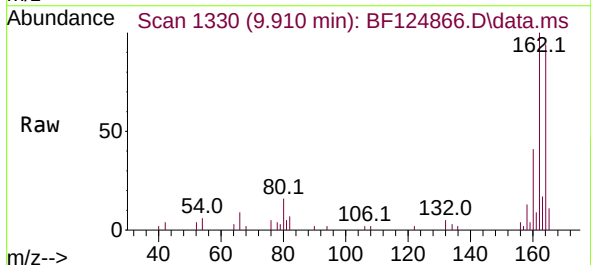
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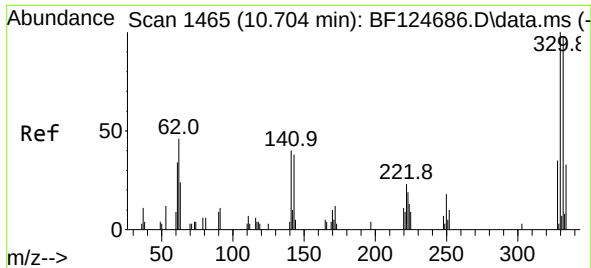
Tgt Ion: 82 Resp: 29639
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion: 164 Resp: 15498
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 43.1 38.0 57.0

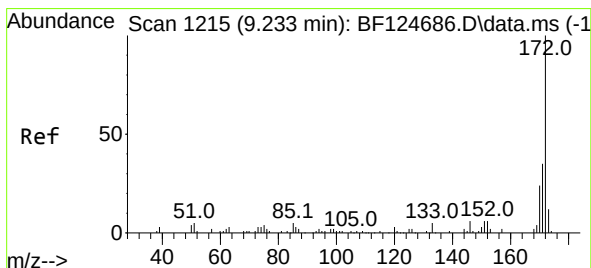
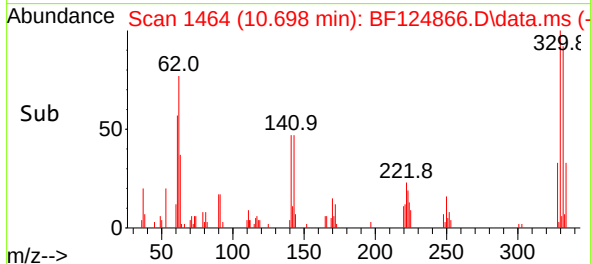
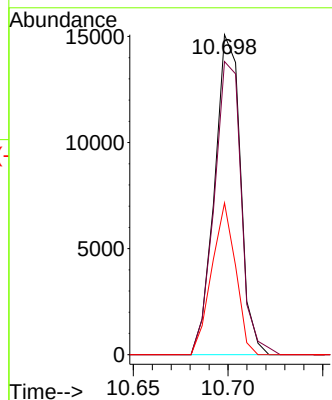
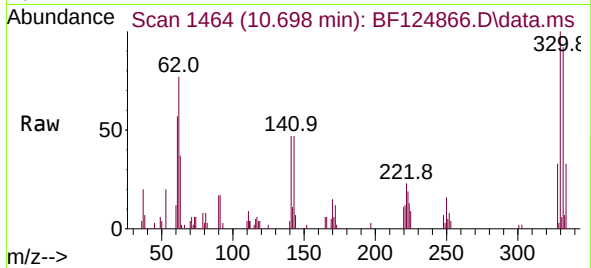




#42
2,4,6-Tribromophenol
Concen: 107.74 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

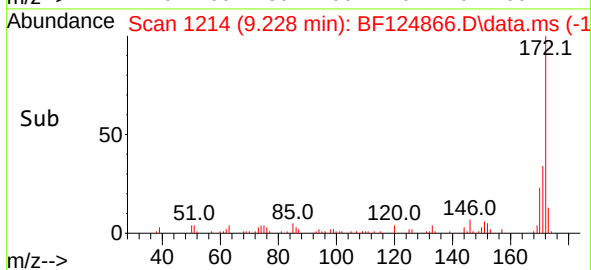
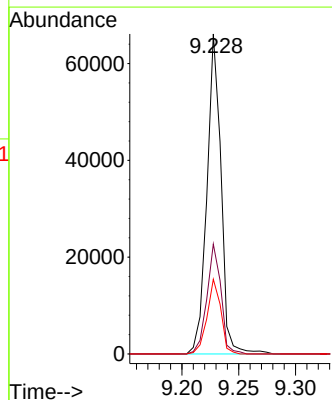
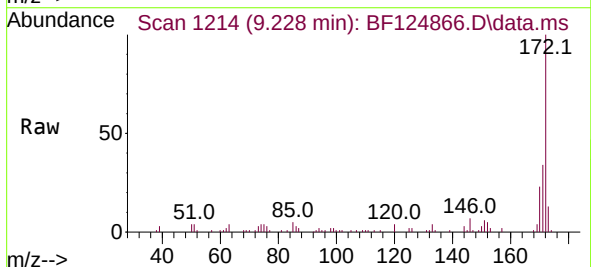
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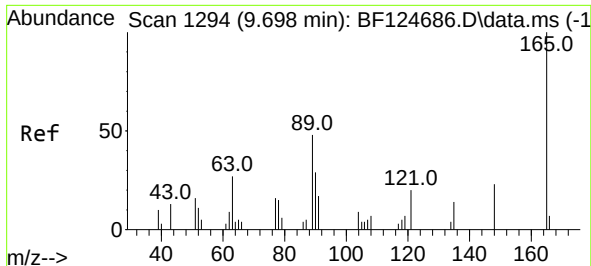
Tgt Ion: 330 Resp: 14336
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 43.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.91 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion: 172 Resp: 56882
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.3 18.8 28.2

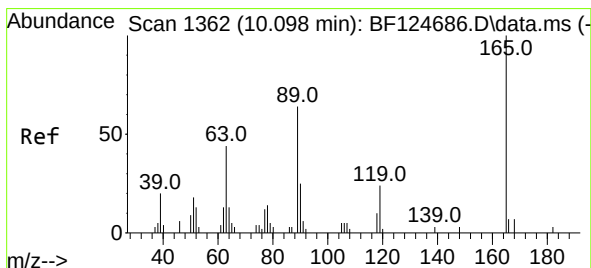
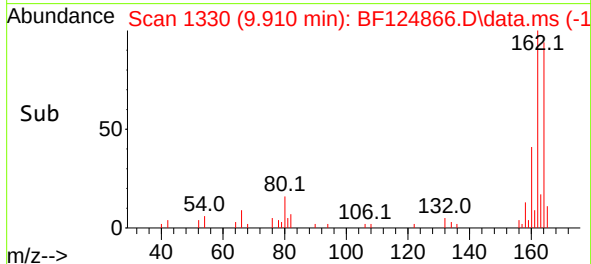
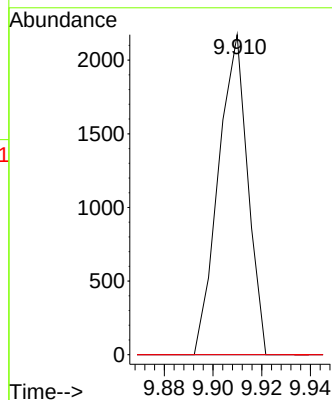
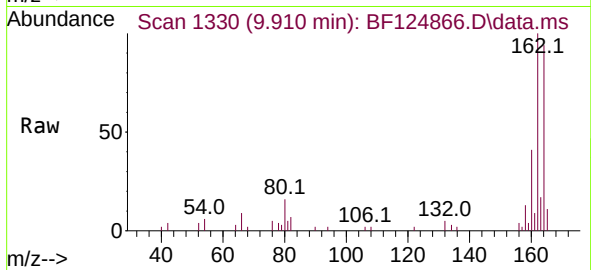




#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

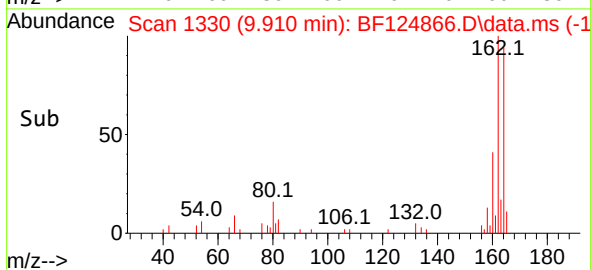
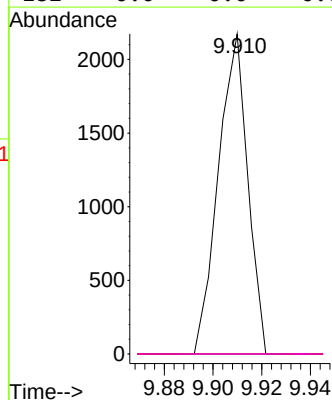
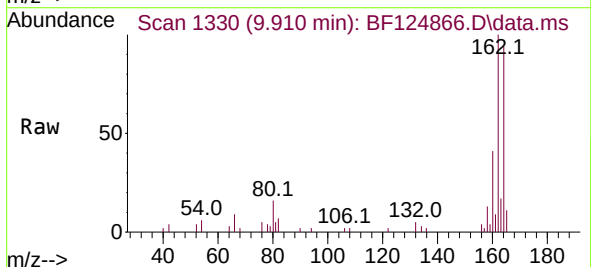
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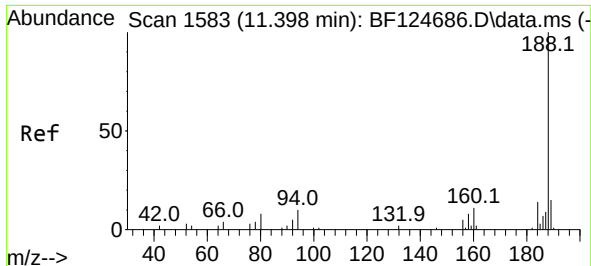
Tgt Ion:165 Resp: 1818
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion:165 Resp: 1818
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

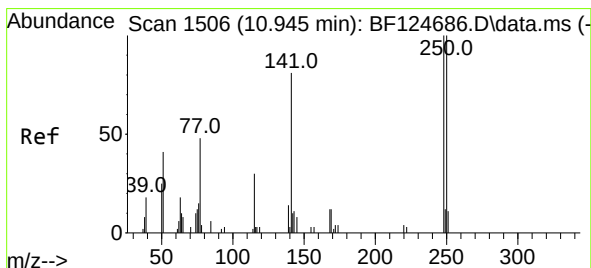
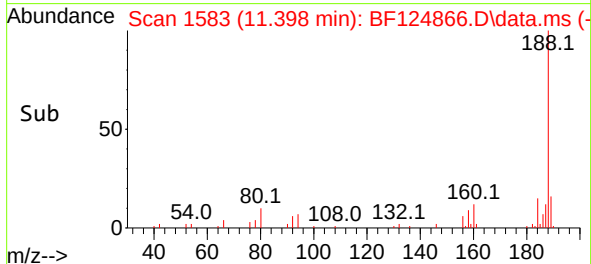
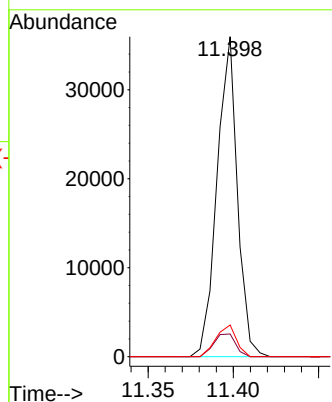
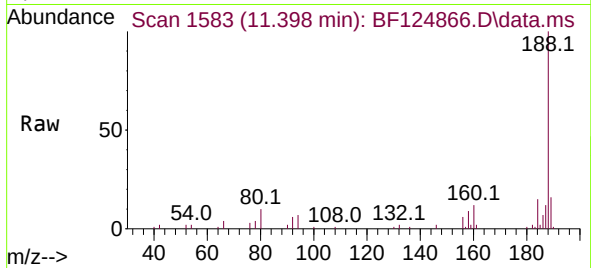




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

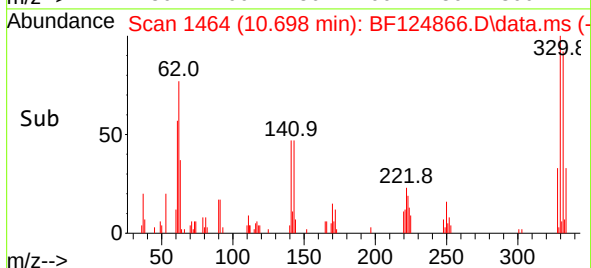
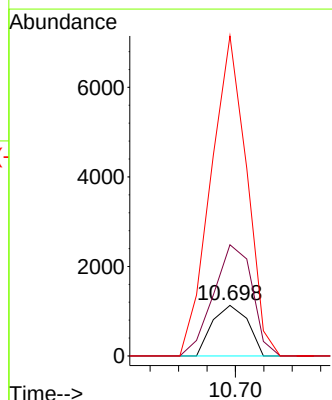
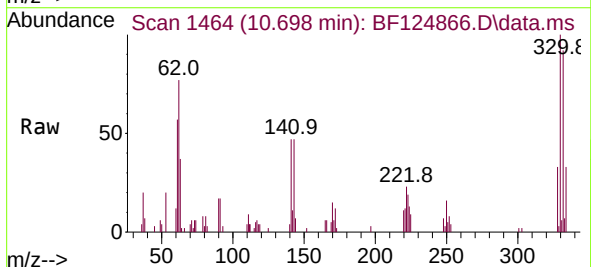
Instrument :
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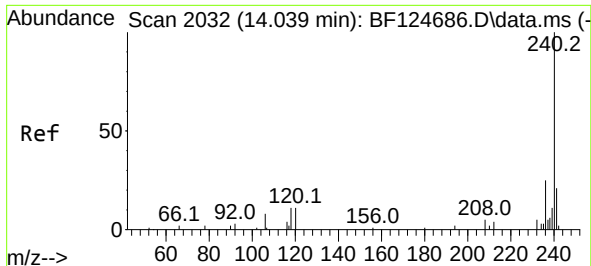
Tgt Ion:188 Resp: 29835
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

Tgt Ion:248 Resp: 982
Ion Ratio Lower Upper
248 100
250 219.9 74.2 111.4#
141 632.7 60.4 90.6#

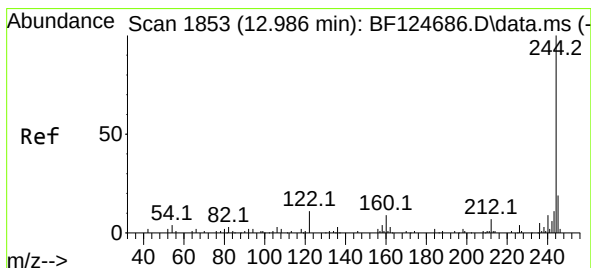
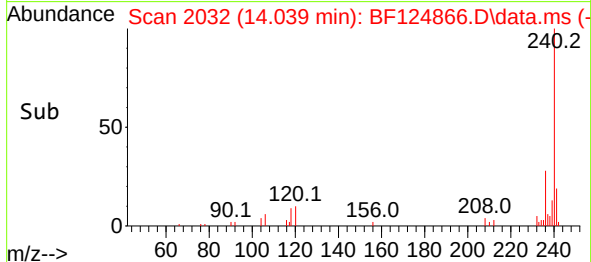
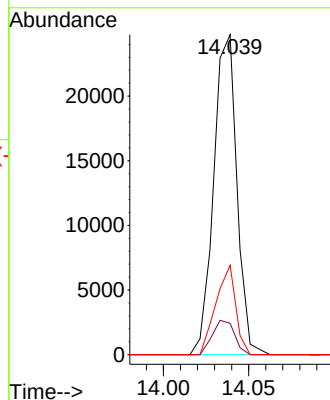
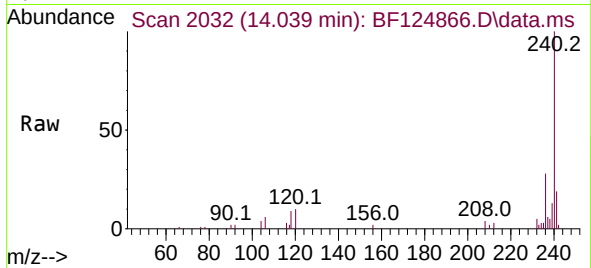




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

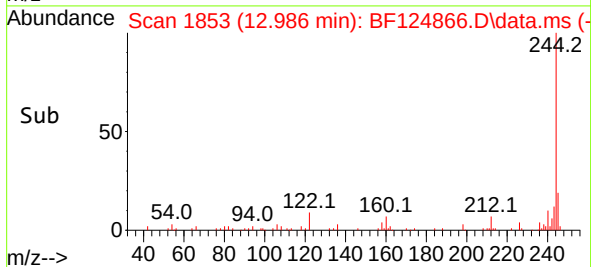
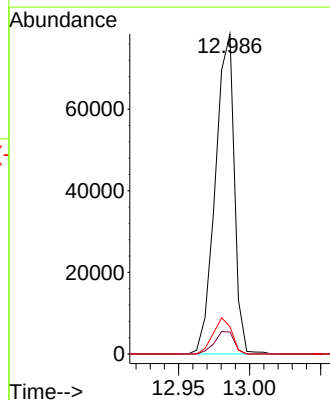
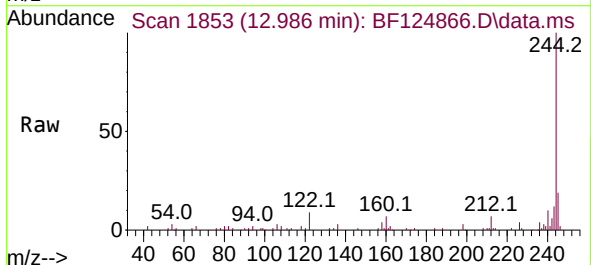
Instrument :
BNA_F
ClientSampleId :
20210565-COM-38

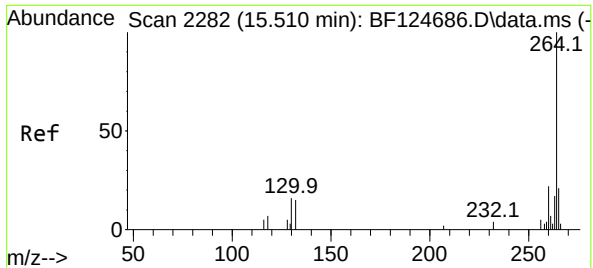
Tgt Ion:240 Resp: 23415
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 28.0 21.6 32.4



#79
Terphenyl-d14
Concen: 53.42 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124866.D
Acq: 29 Jul 2021 23:20

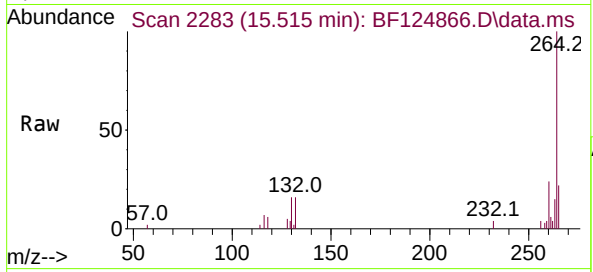
Tgt Ion:244 Resp: 72975
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124866.D
 Acq: 29 Jul 2021 23:20

Instrument :
 BNA_F
 ClientSampleId :
 20210565-COM-38



Tgt Ion:264 Resp: 17092

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.3	17.2	25.8

