

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124803.D
 Acq On : 27 Jul 2021 20:25
 Operator : JU/CG
 Sample : M3159-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210545-COM-18

Quant Time: Jul 28 03:07:37 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)

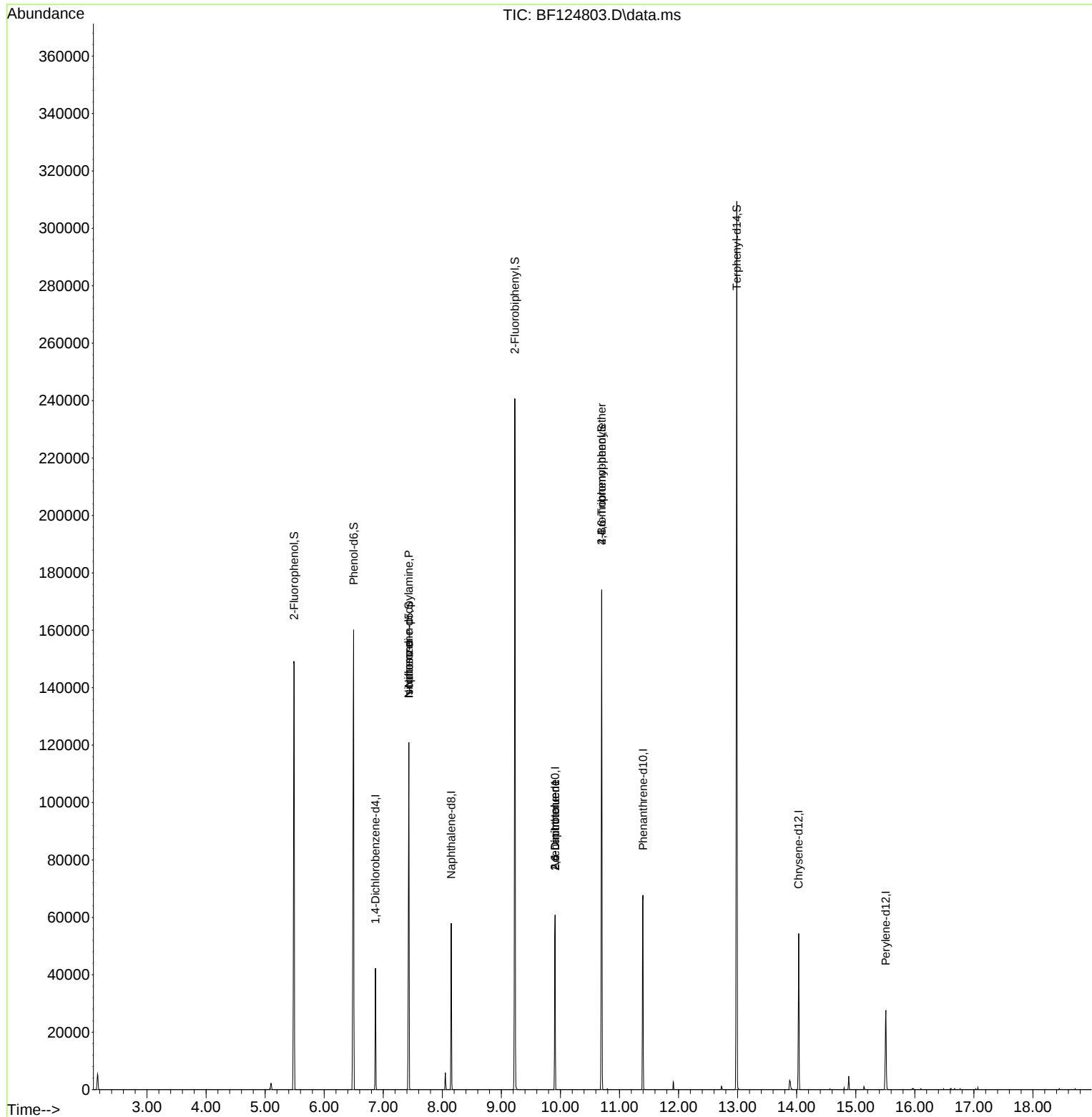
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5753	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22119	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12823	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	26716	20.00	ng	0.00
76) Chrysene-d12	14.033	240	19007	20.00	ng	# 0.00
86) Perylene-d12	15.510	264	14203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	44007	129.52	ng	0.01
7) Phenol-d6	6.498	99	53098	124.65	ng	0.00
23) Nitrobenzene-d5	7.434	82	35158	94.60	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16375	148.73	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	74839	85.72	ng	0.00
79) Terphenyl-d14	12.986	244	102516	92.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4620	20.31	ng	# 64
25) Isophorone	7.434	82	35158	53.50	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1723	8.83	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1723	6.51	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1289	4.55	ng	# 1

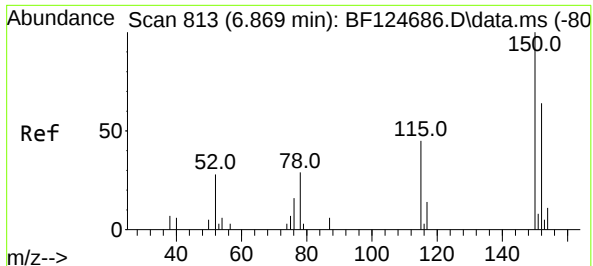
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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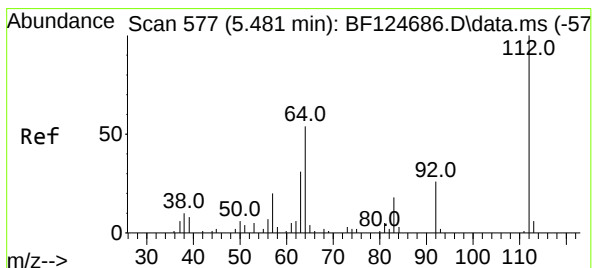
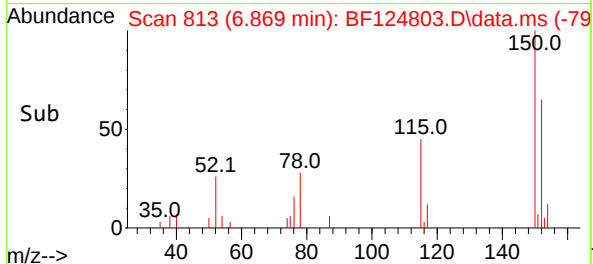
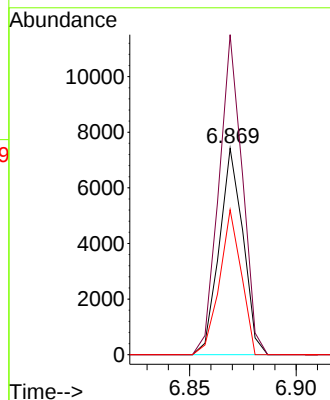
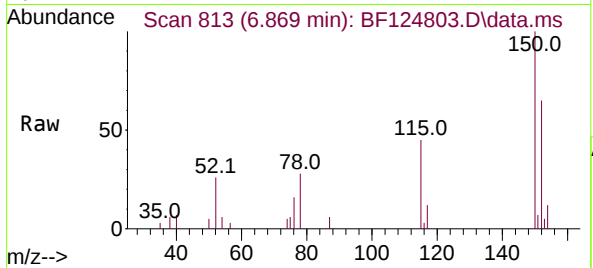




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

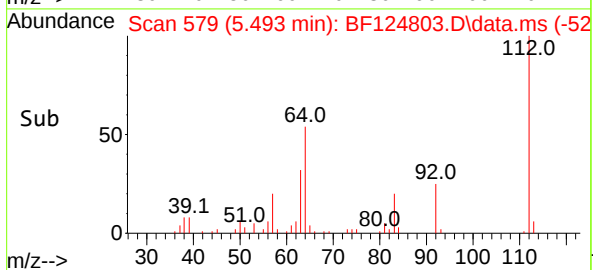
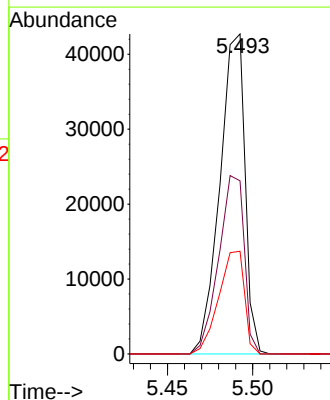
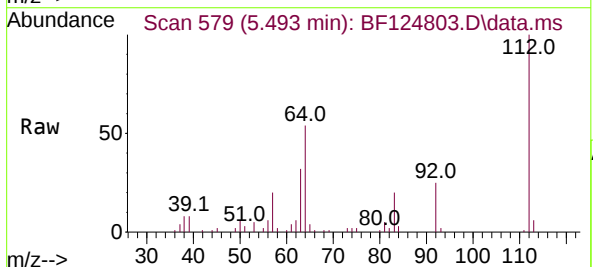
Instrument :
BNA_F
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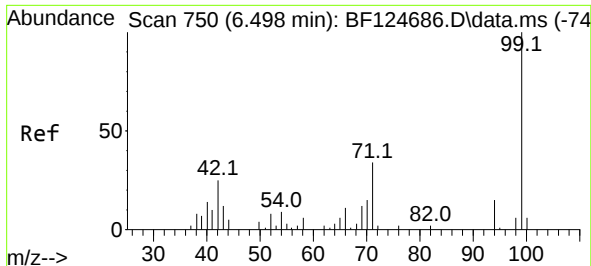
Tgt Ion:152 Resp: 5753
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 70.2 47.1 70.7



#5
2-Fluorophenol
Concen: 129.52 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion:112 Resp: 44007
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 32.1 26.2 39.2

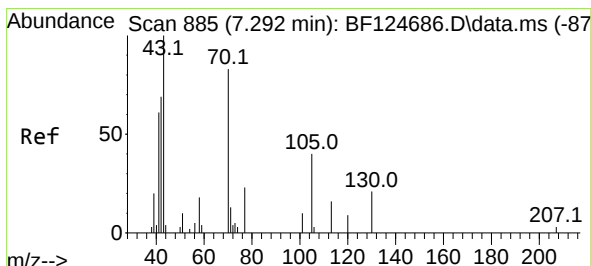
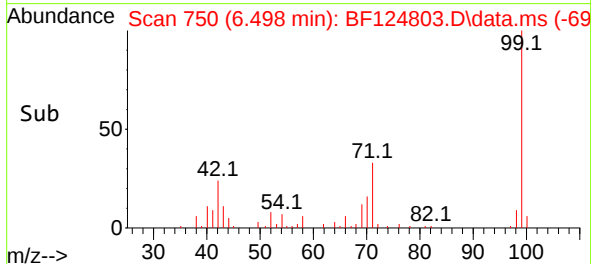
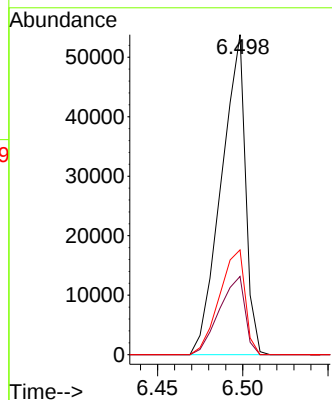
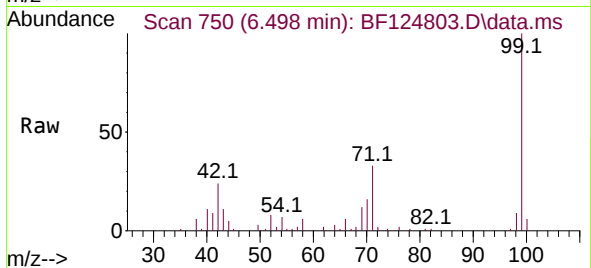




#7
Phenol-d6
Concen: 124.65 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

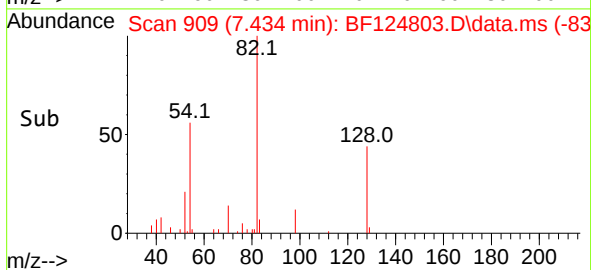
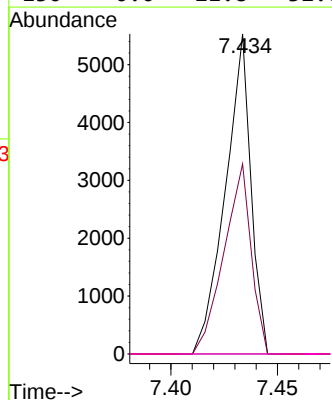
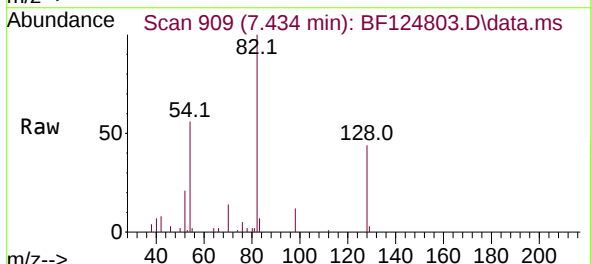
Instrument :
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ClientSampleId :
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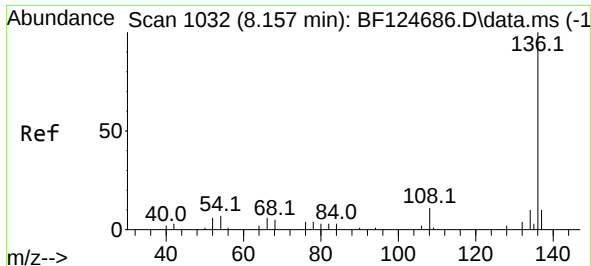
Tgt Ion:	99	Resp:	53098
Ion	Ratio	Lower	Upper
99	100		
42	24.4	23.5	35.3
71	32.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.31 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion:	70	Resp:	4620
Ion	Ratio	Lower	Upper
70	100		
42	59.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



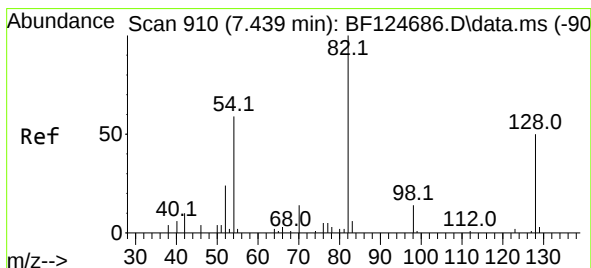
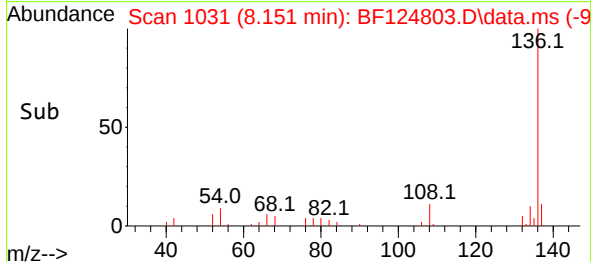
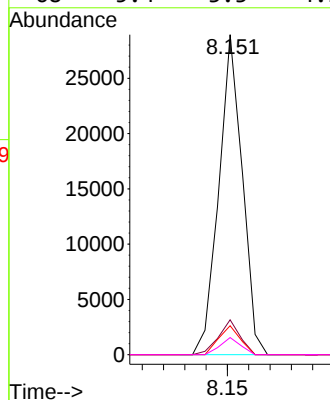
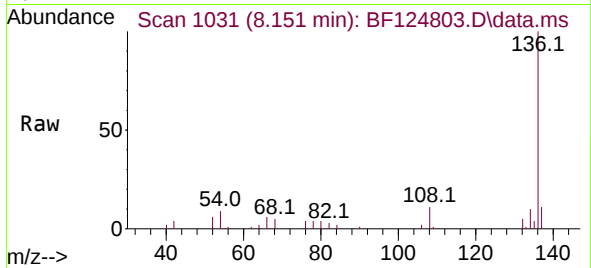


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Instrument :
BNA_F
ClientSampleId :
20210545-COM-18

Tgt Ion:136 Resp: 22119

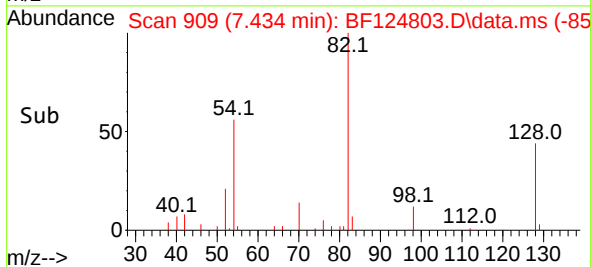
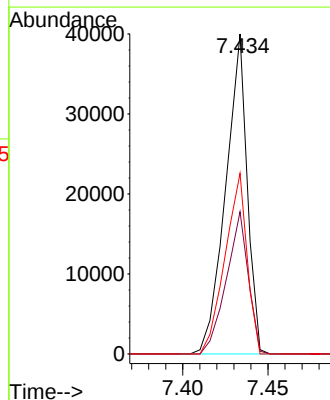
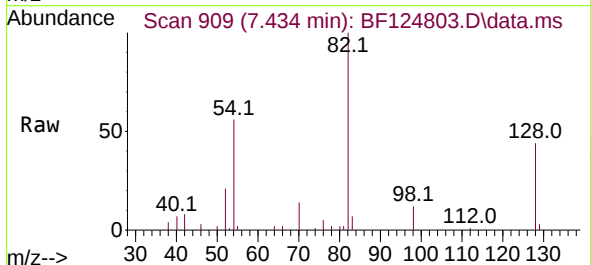
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.1	6.4	9.6
68	5.4	3.3	4.9

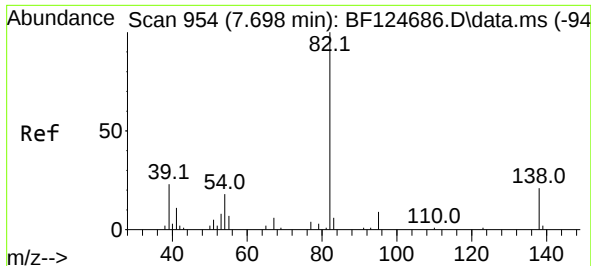


#23
Nitrobenzene-d5
Concen: 94.60 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion: 82 Resp: 35158

Ion	Ratio	Lower	Upper
82	100		
128	44.5	40.6	60.8
54	56.5	49.6	74.4

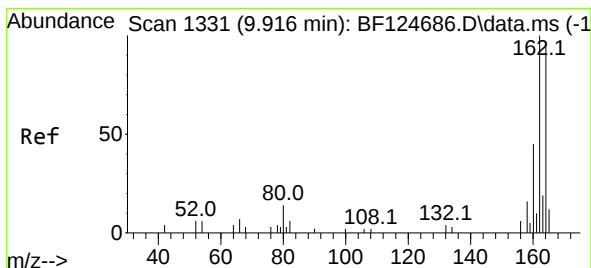
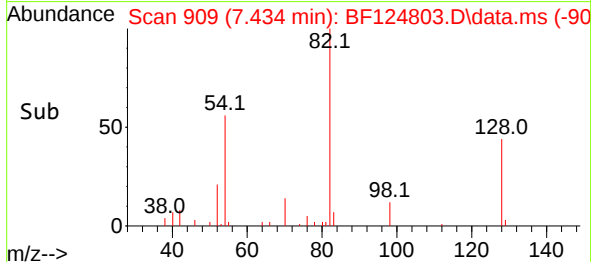
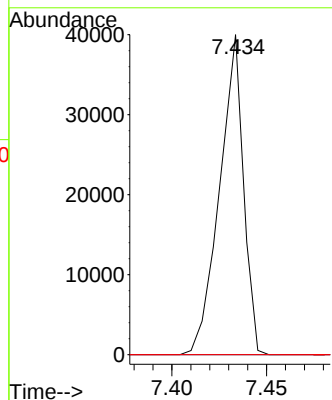
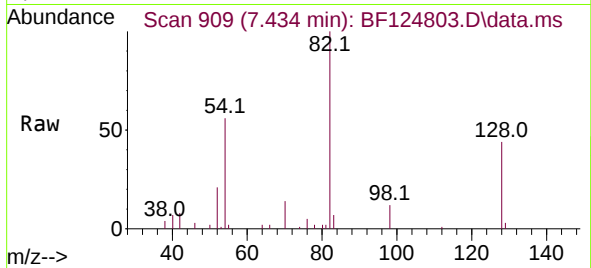




#25
Isophorone
Concen: 53.50 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

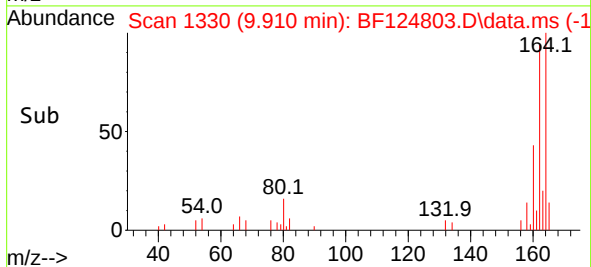
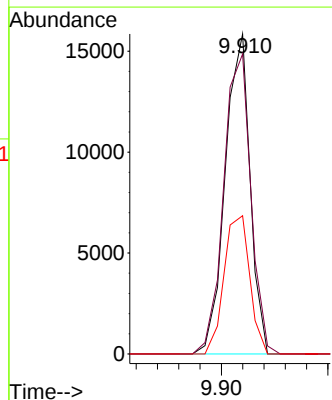
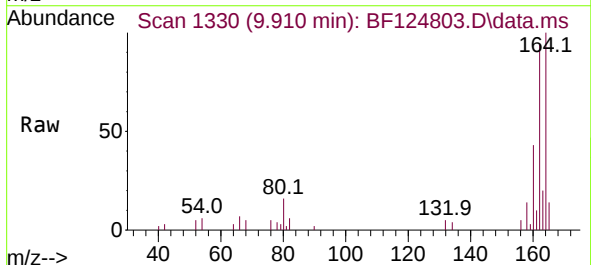
Instrument :
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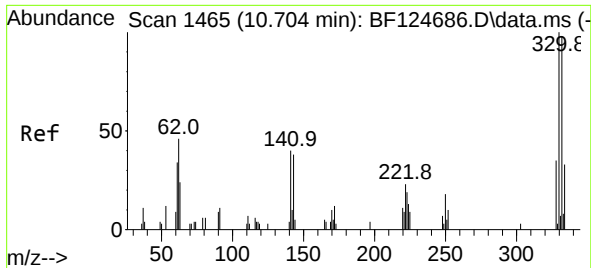
Tgt Ion: 82 Resp: 35158
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion: 164 Resp: 12823
Ion Ratio Lower Upper
164 100
162 93.7 81.3 121.9
160 43.2 38.0 57.0

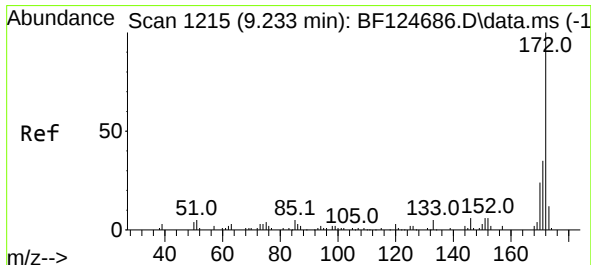
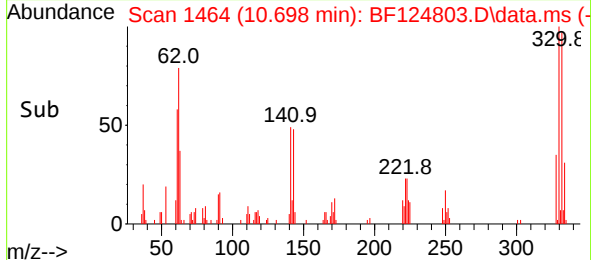
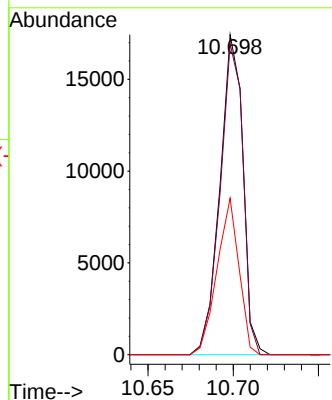
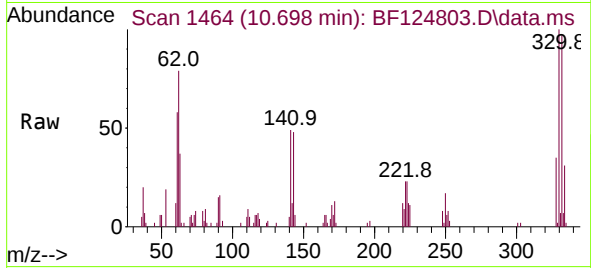




#42
2,4,6-Tribromophenol
Concen: 148.73 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

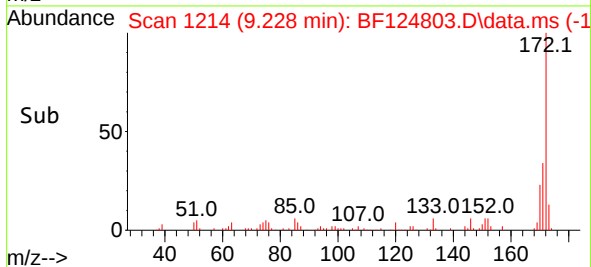
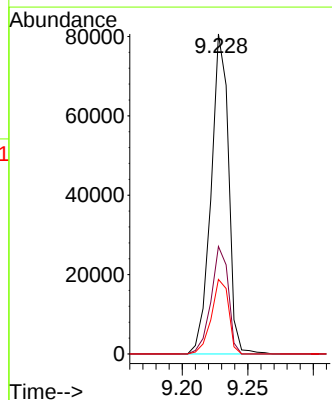
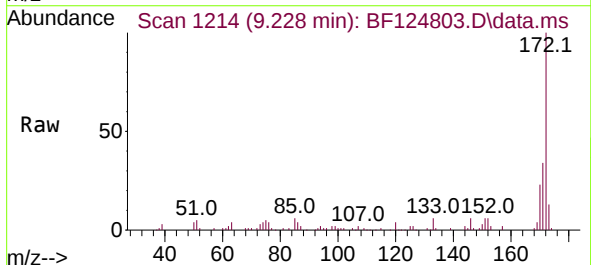
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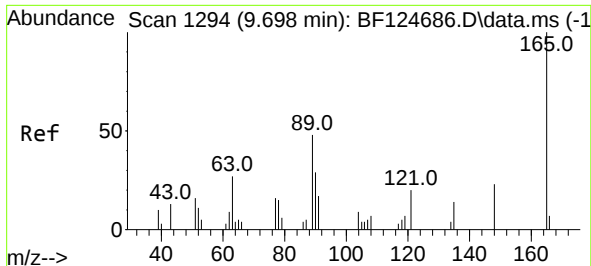
Tgt Ion: 330 Resp: 16375
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 46.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 85.72 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion: 172 Resp: 74839
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.3 18.8 28.2

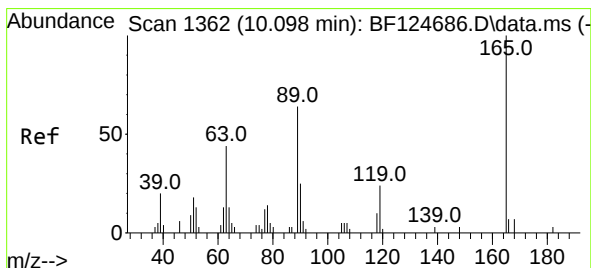
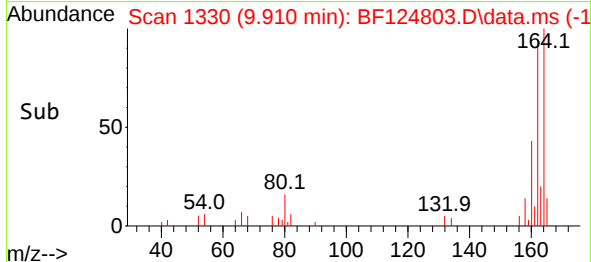
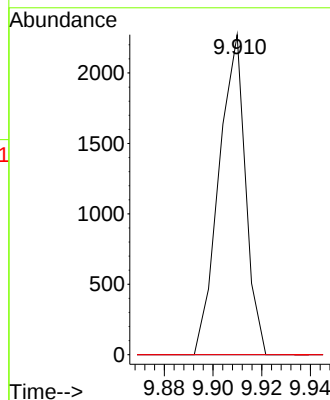
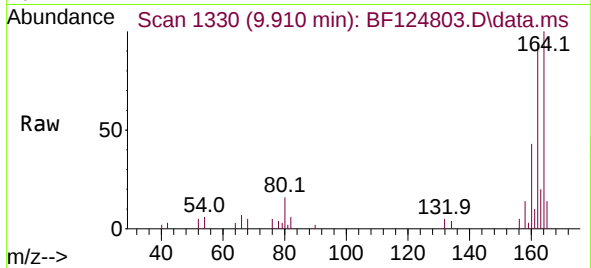




#51
2,6-Dinitrotoluene
Concen: 8.83 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

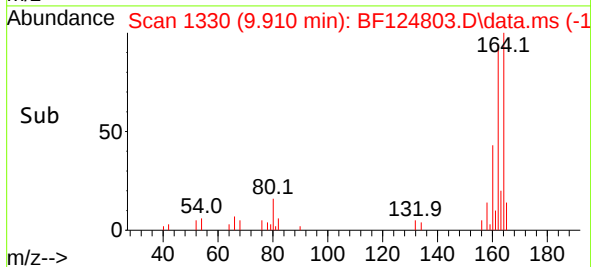
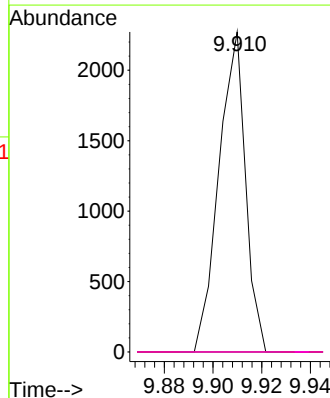
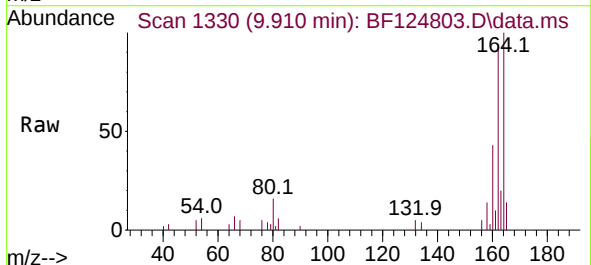
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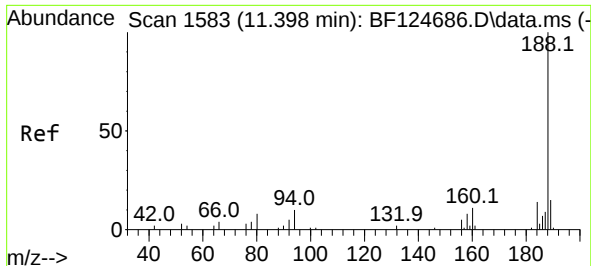
Tgt Ion:165 Resp: 1723
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion:165 Resp: 1723
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

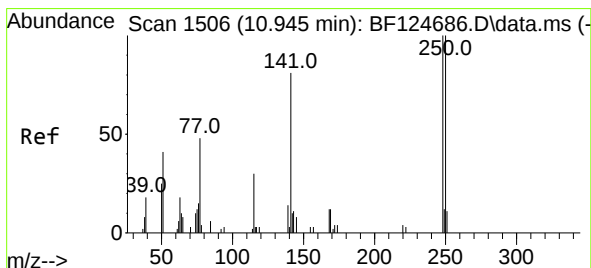
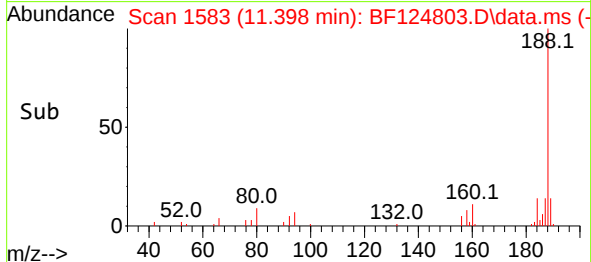
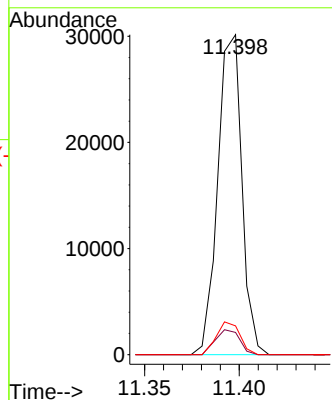
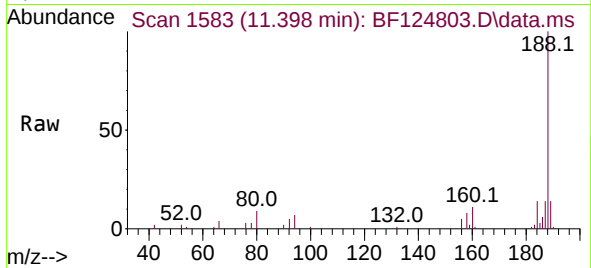




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

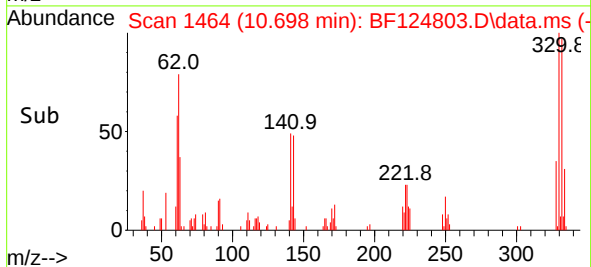
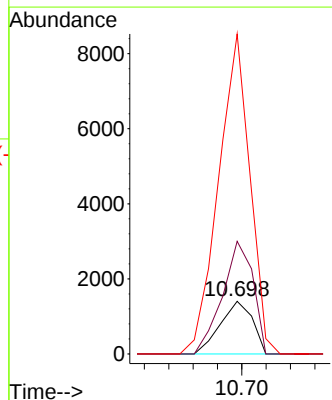
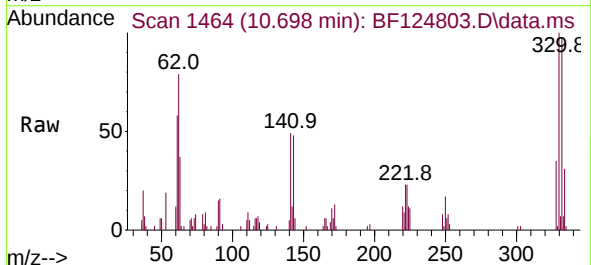
Instrument :
BNA_F
ClientSampleId :
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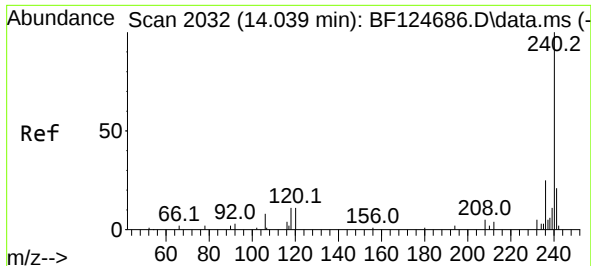
Tgt Ion:188 Resp: 26716
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion:248 Resp: 1289
Ion Ratio Lower Upper
248 100
250 213.7 74.2 111.4#
141 607.2 60.4 90.6#

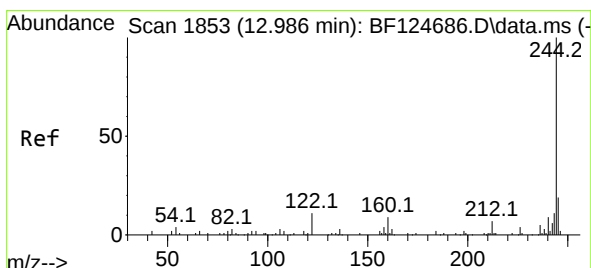
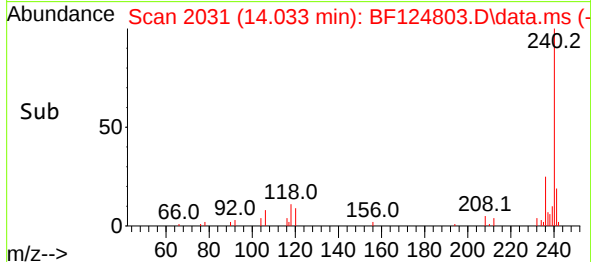
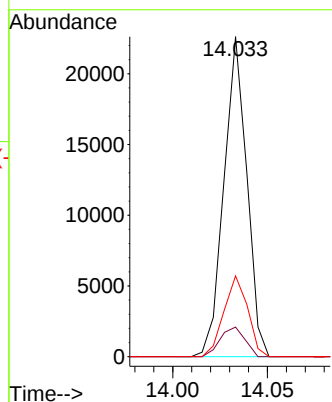
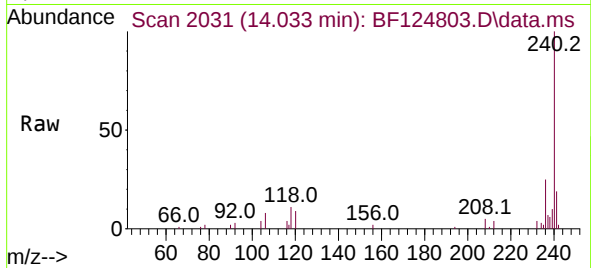




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

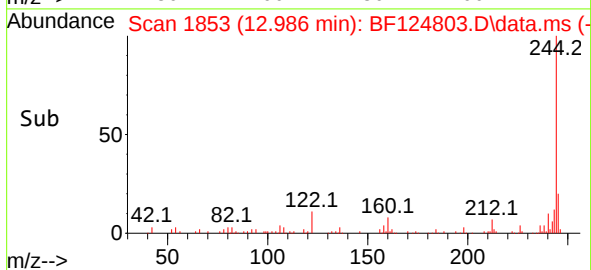
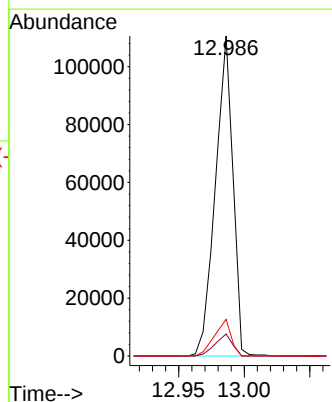
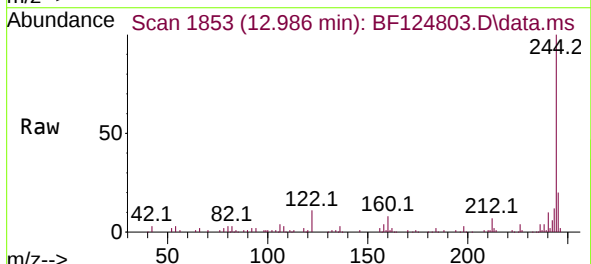
Instrument :
BNA_F
ClientSampleId :
20210545-COM-18

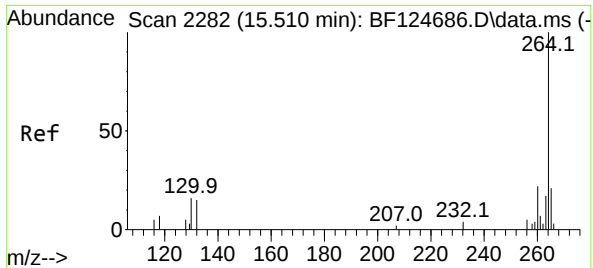
Tgt Ion:240 Resp: 19007
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 92.45 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124803.D
Acq: 27 Jul 2021 20:25

Tgt Ion:244 Resp: 102516
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: BF124803.D
 Acq: 27 Jul 2021 20:25

Instrument :
 BNA_F
 ClientSampleId :
 20210545-COM-18

Tgt Ion:264 Resp: 14203

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.6	29.4
265	19.8	17.2	25.8

