

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124729.D
 Acq On : 24 Jul 2021 00:03
 Operator : JU/CG
 Sample : M3114-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210550-COM-23

Quant Time: Jul 24 00:41:31 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)

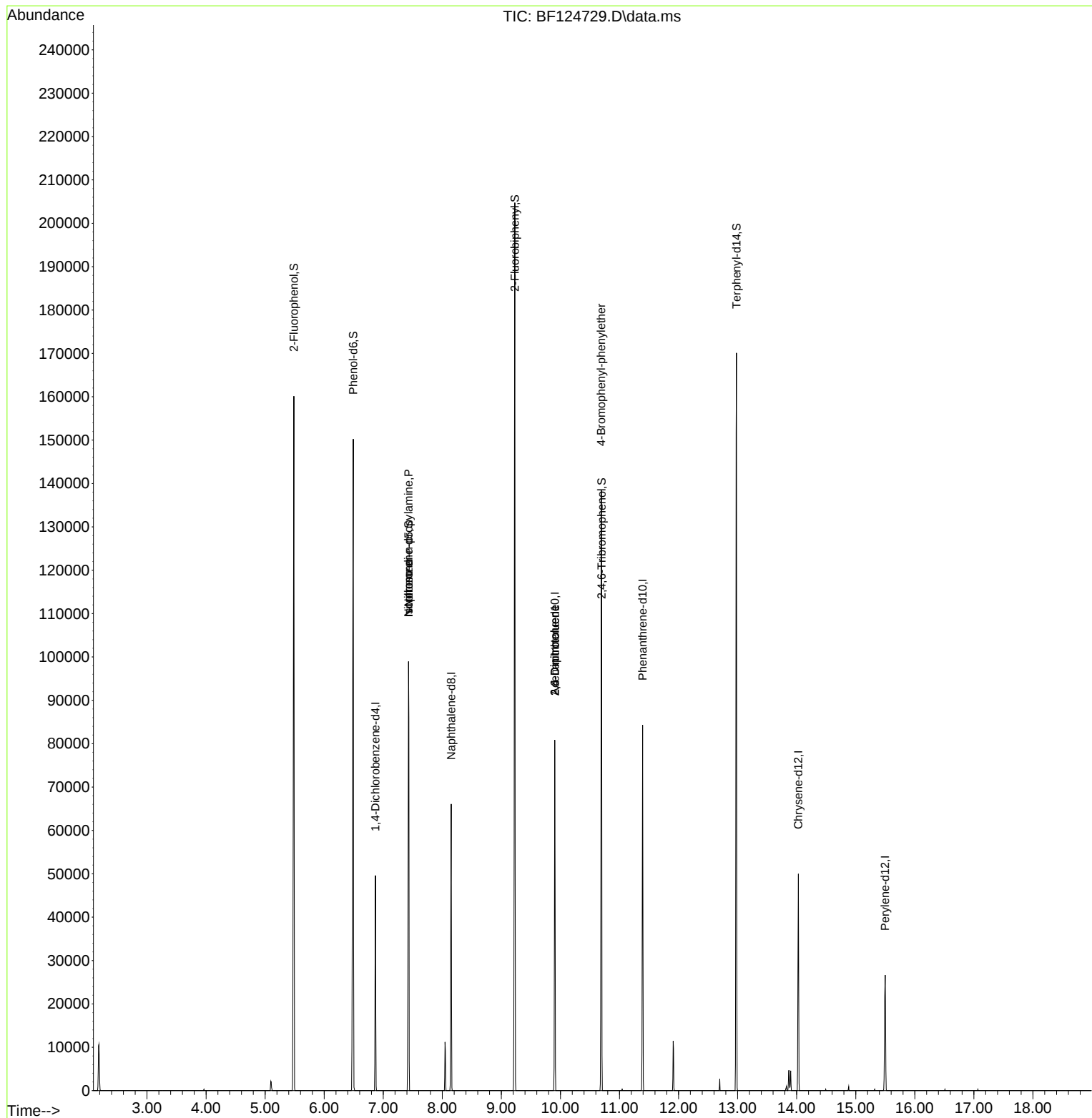
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7008	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	27888	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	16386	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	28902	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16663	20.00	ng	-0.01
86) Perylene-d12	15.498	264	13737	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	43537	105.19	ng	0.00
7) Phenol-d6	6.492	99	51532	99.31	ng	0.00
23) Nitrobenzene-d5	7.428	82	31763	67.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	13378	95.09	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	61476	55.10	ng	0.00
79) Terphenyl-d14	12.980	244	57917	59.58	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	4073	14.70	ng	# 77
25) Isophorone	7.428	82	31762	38.34	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1933	7.75	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1933	5.71	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	1067	3.48	ng	# 1

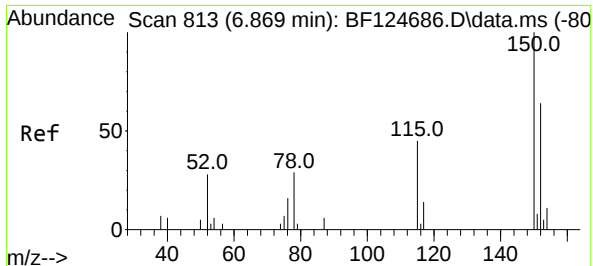
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

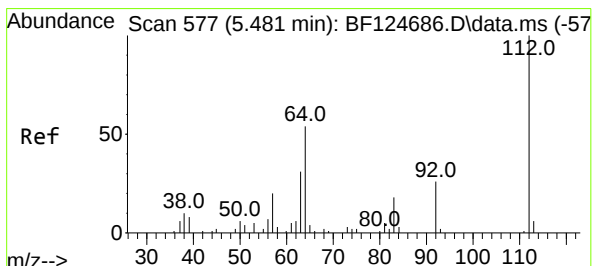
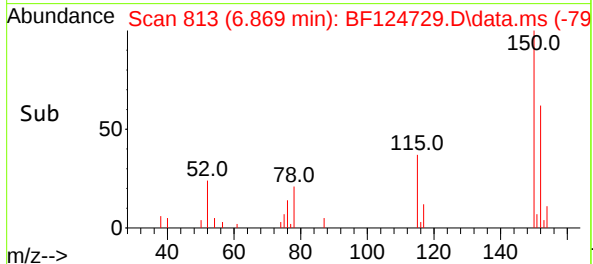
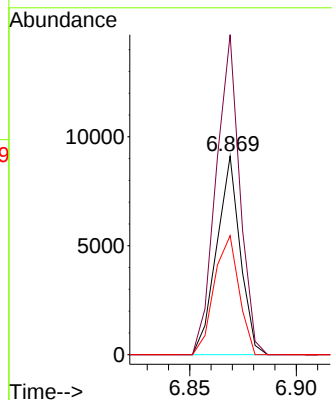
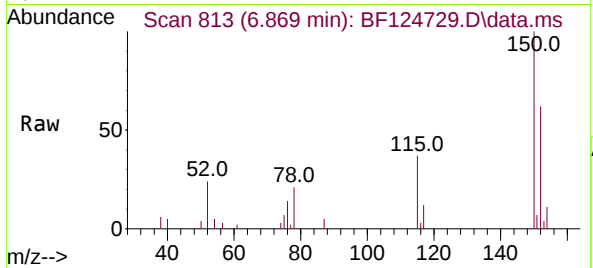




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

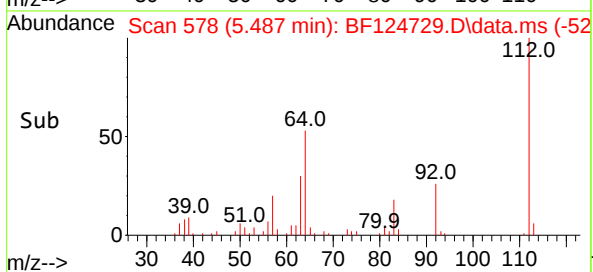
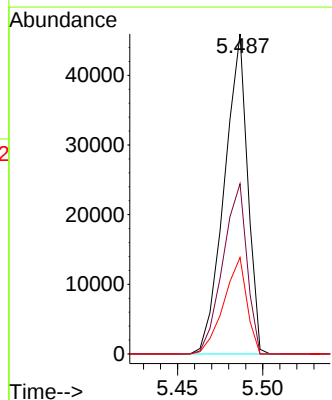
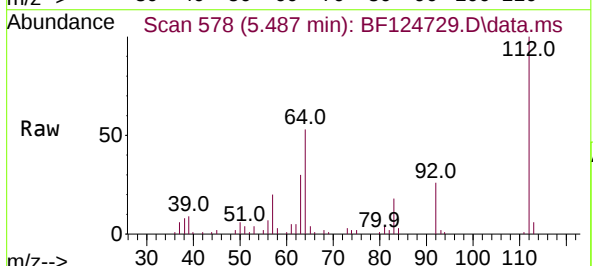
Instrument :
BNA_F
ClientSampleId :
20210550-COM-23

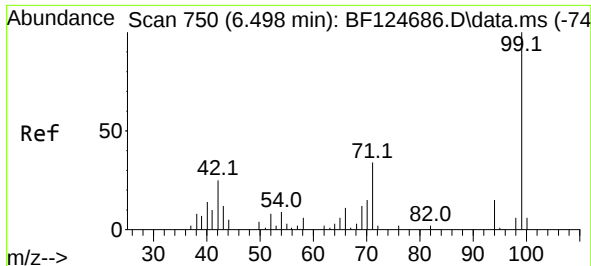
Tgt Ion:152 Resp: 7008
Ion Ratio Lower Upper
152 100
150 161.1 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 105.19 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion:112 Resp: 43537
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 30.1 26.2 39.2

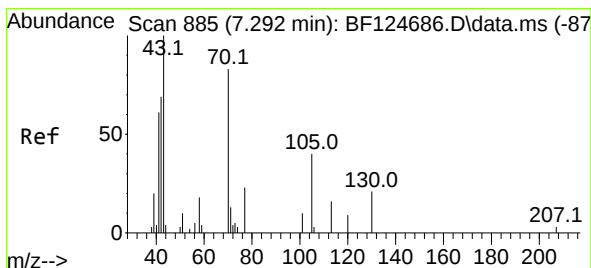
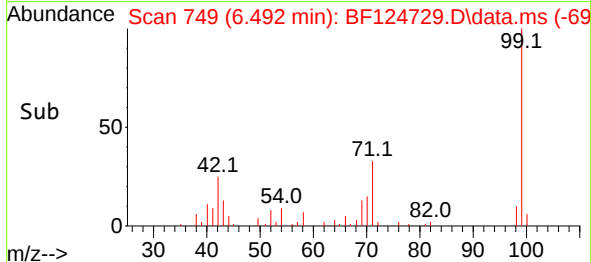
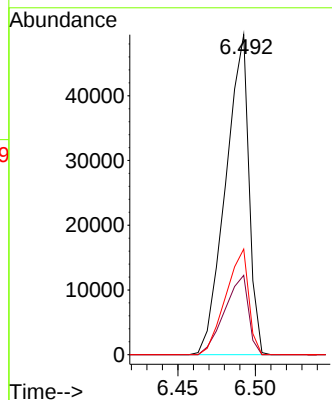
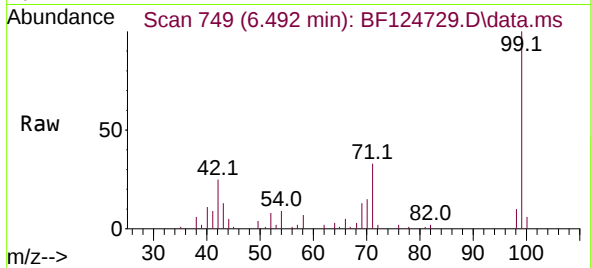




#7
Phenol-d6
Concen: 99.31 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

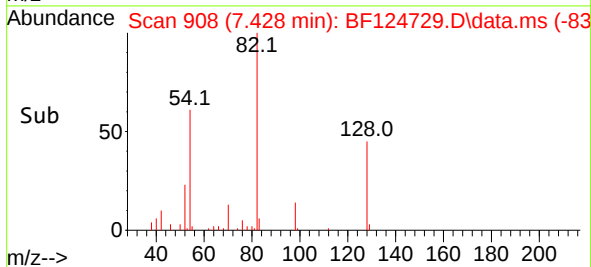
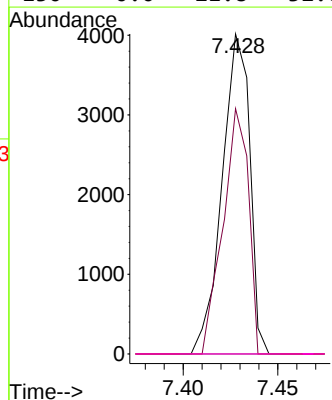
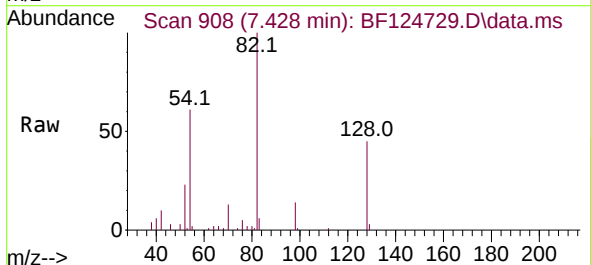
Instrument :
BNA_F
ClientSampleId :
20210550-COM-23

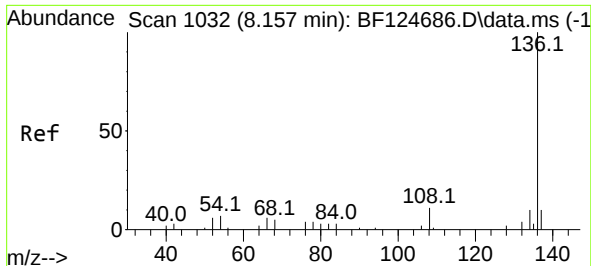
Tgt Ion: 99 Resp: 51532
Ion Ratio Lower Upper
99 100
42 24.8 23.5 35.3
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion: 70 Resp: 4073
Ion Ratio Lower Upper
70 100
42 76.7 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



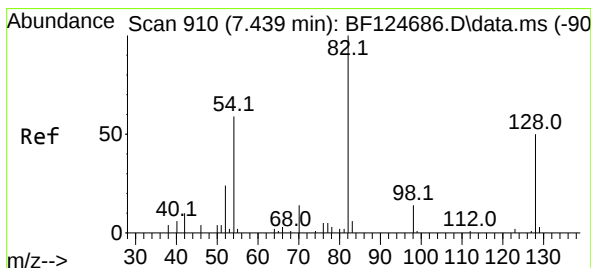
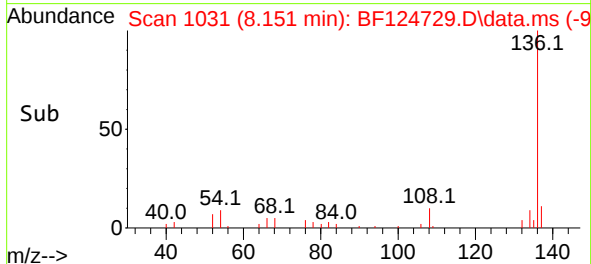
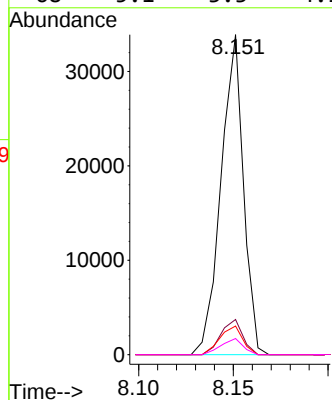
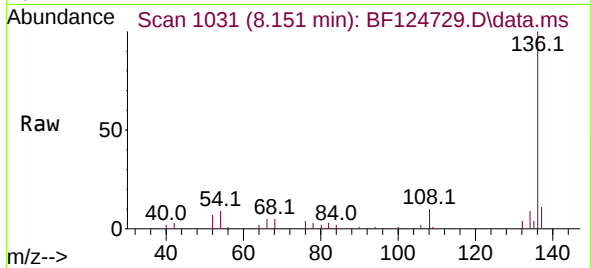


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Instrument :
BNA_F
ClientSampleId :
20210550-COM-23

Tgt Ion:136 Resp: 27888

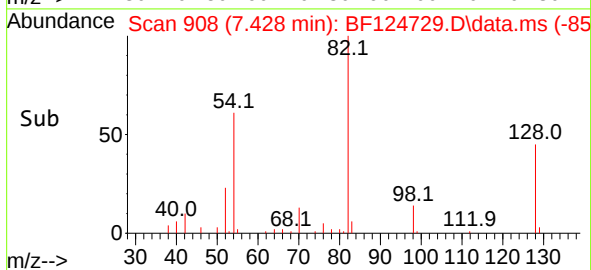
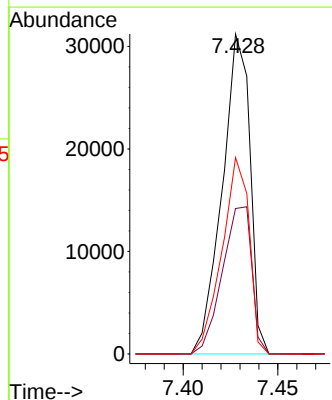
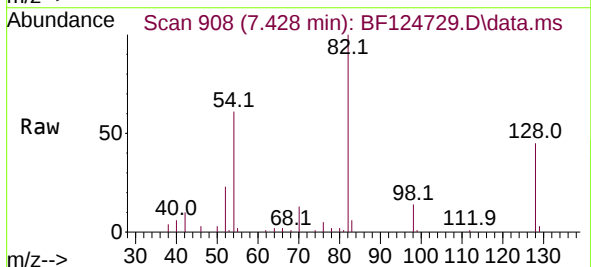
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.9	6.4	9.6
68	5.1	3.3	4.9

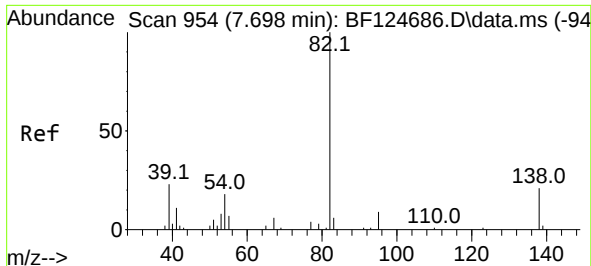


#23
Nitrobenzene-d5
Concen: 67.79 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion: 82 Resp: 31763

Ion	Ratio	Lower	Upper
82	100		
128	45.5	40.6	60.8
54	61.3	49.6	74.4

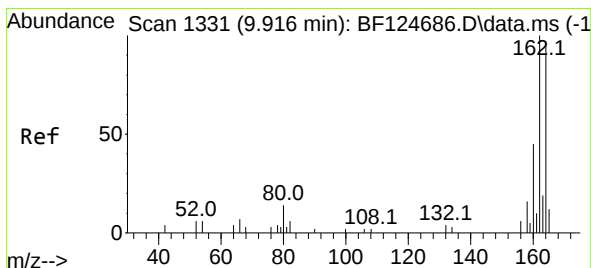
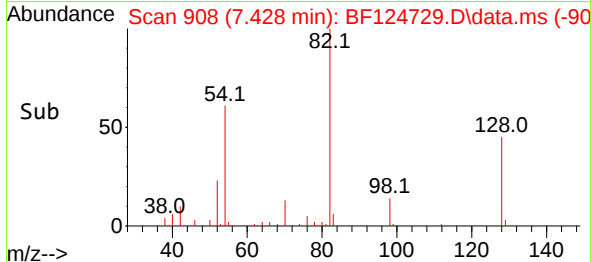
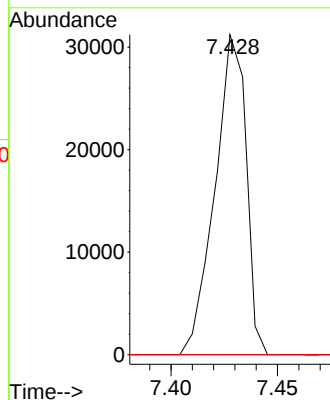
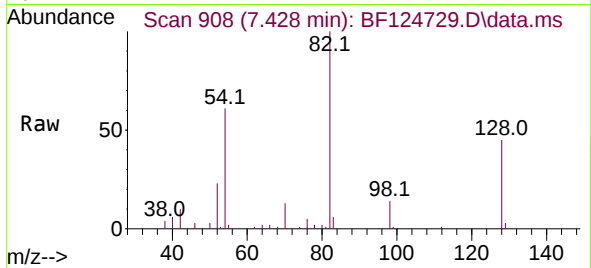




#25
Isophorone
Concen: 38.34 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

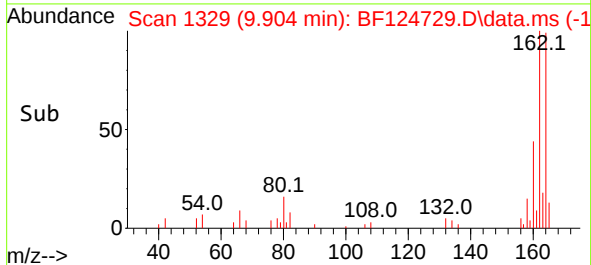
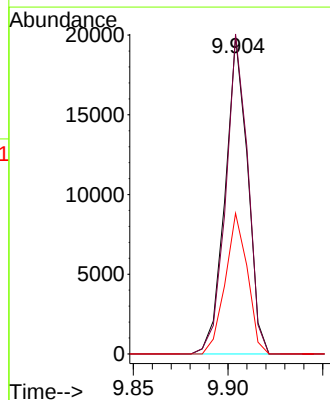
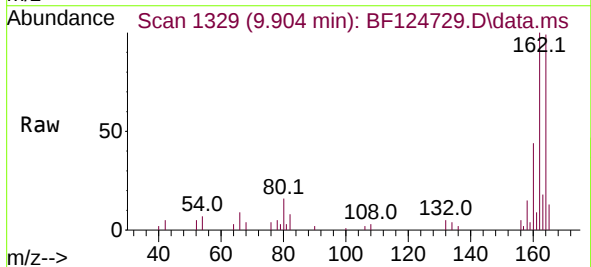
Instrument :
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ClientSampleId :
20210550-COM-23

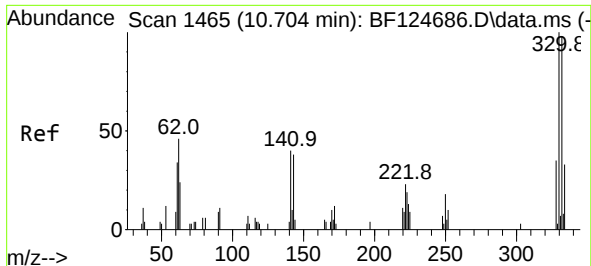
Tgt Ion: 82 Resp: 31762
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion: 164 Resp: 16386
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.3 38.0 57.0

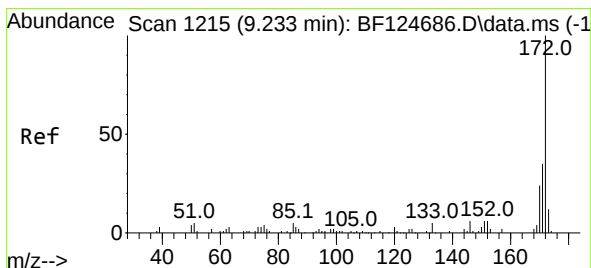
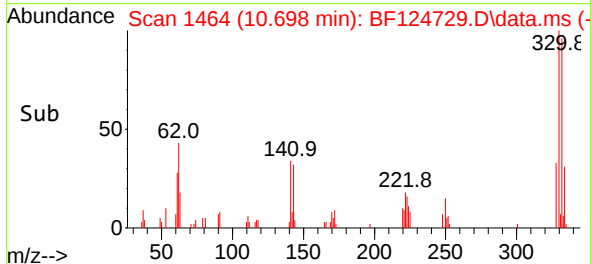
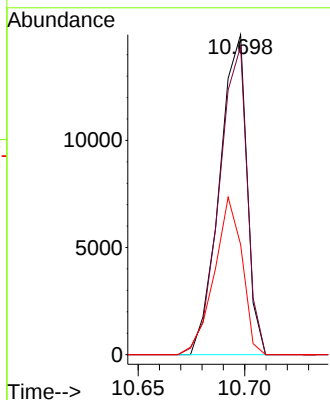
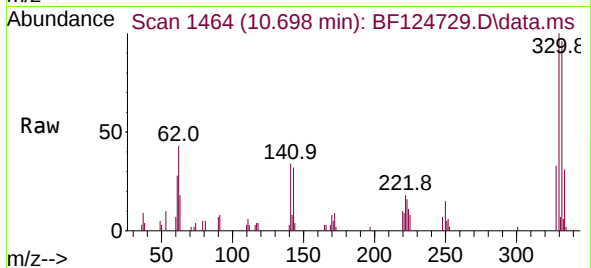




#42
2,4,6-Tribromophenol
Concen: 95.09 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

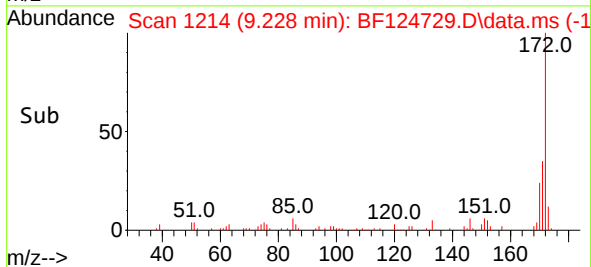
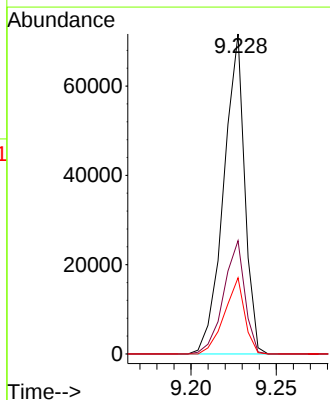
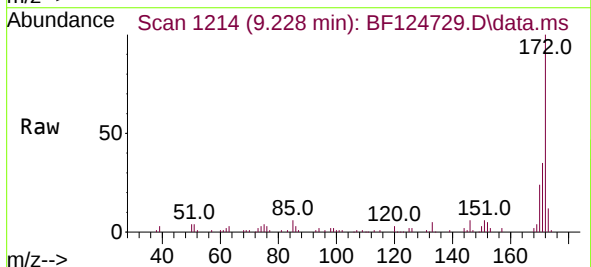
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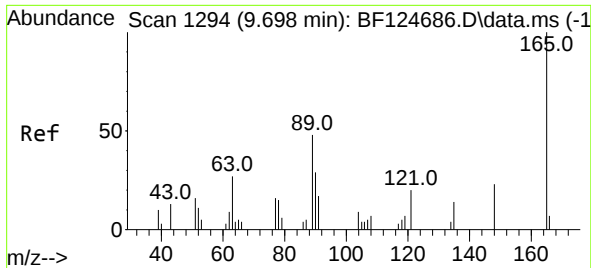
Tgt Ion:330 Resp: 13378
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 49.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 55.10 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion:172 Resp: 61476
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.8 18.8 28.2

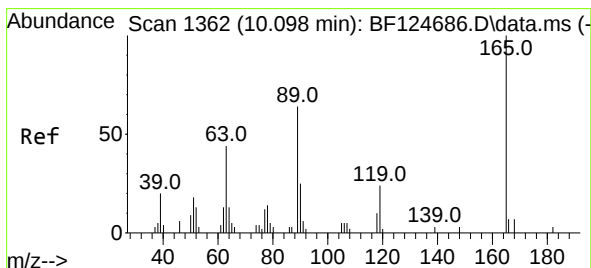
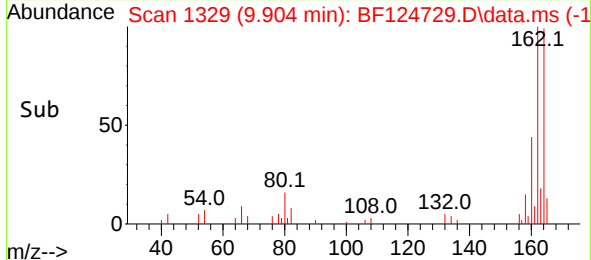
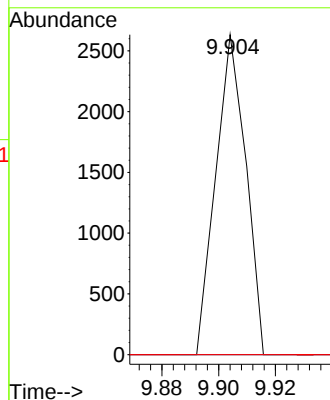
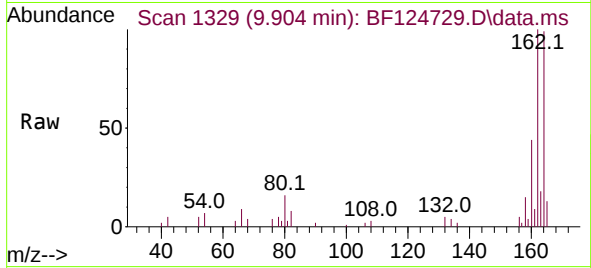




#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

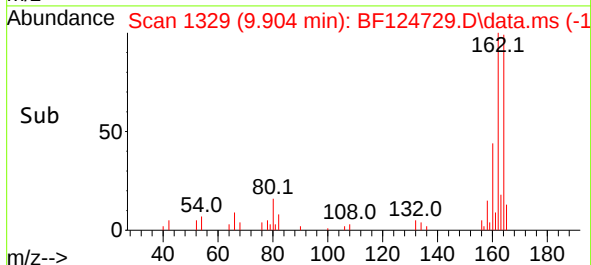
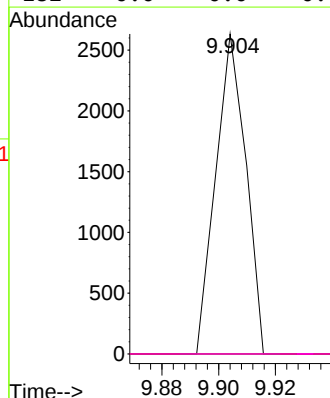
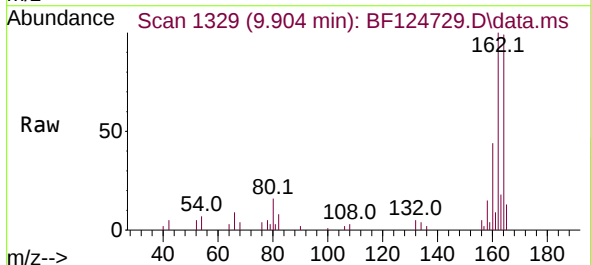
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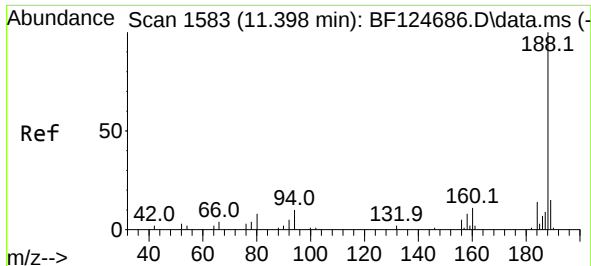
Tgt Ion:165 Resp: 1933
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion:165 Resp: 1933
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

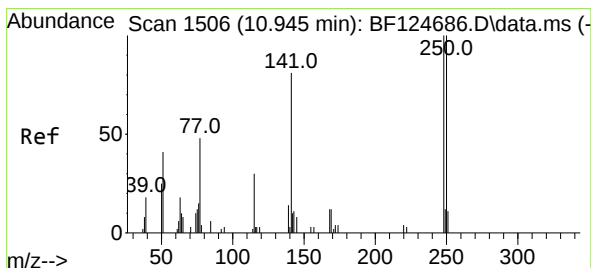
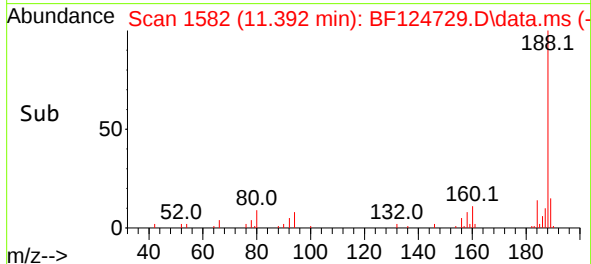
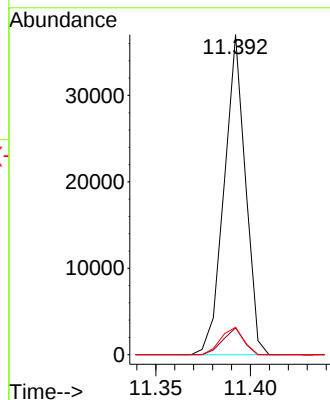
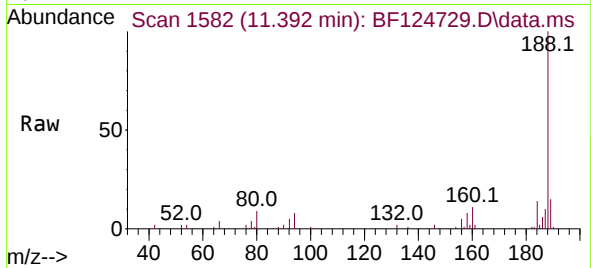




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

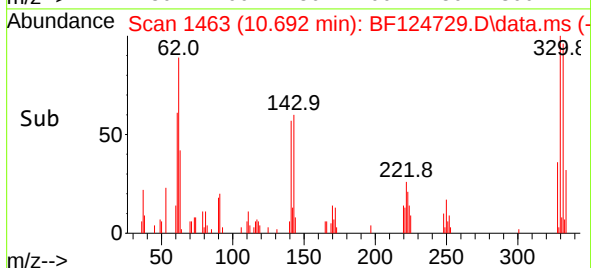
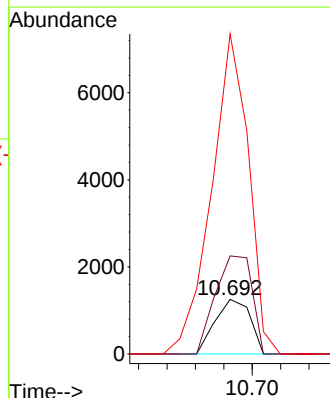
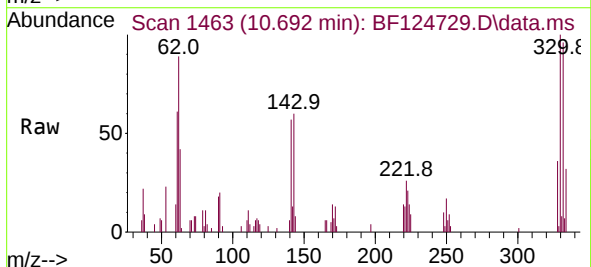
Instrument :
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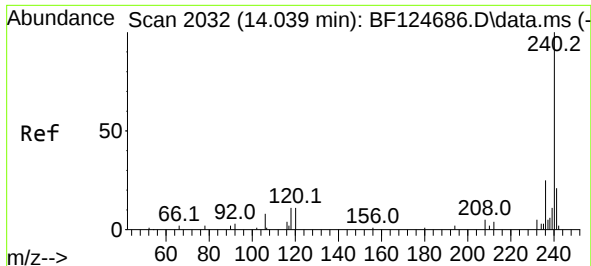
Tgt Ion:188 Resp: 28902
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion:248 Resp: 1067
Ion Ratio Lower Upper
248 100
250 180.0 74.2 111.4#
141 587.1 60.4 90.6#

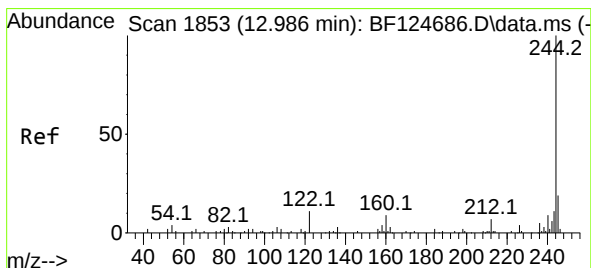
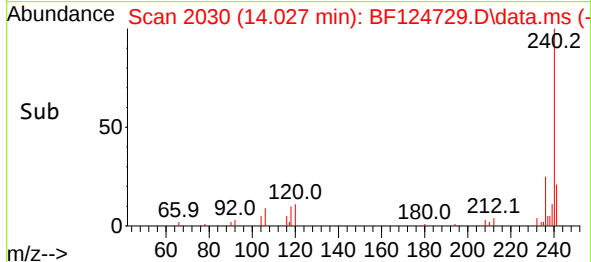
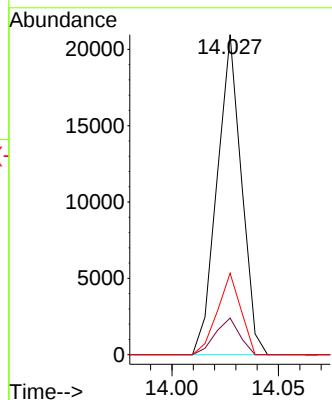
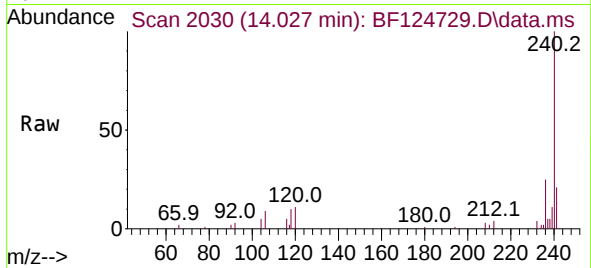




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

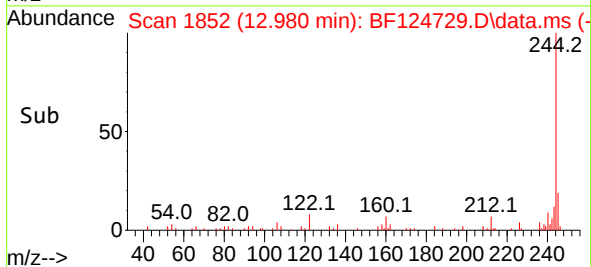
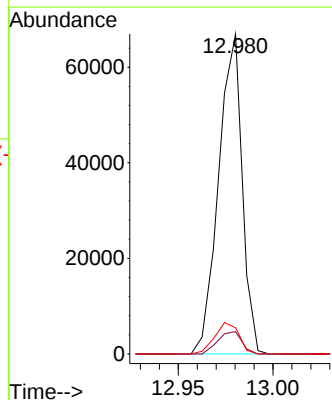
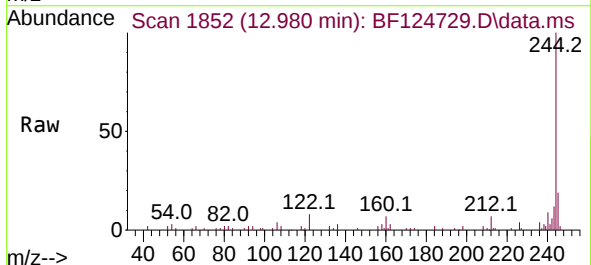
Instrument :
BNA_F
ClientSampleId :
20210550-COM-23

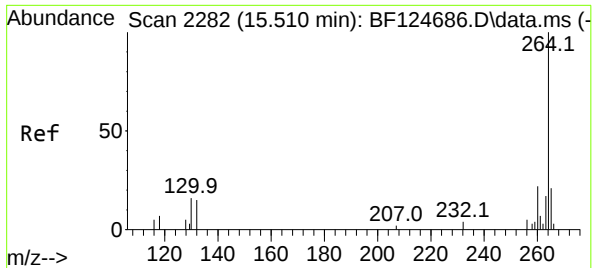
Tgt Ion:240	Resp:	16663
Ion Ratio	Lower	Upper
240	100	
120	11.4	10.8 16.2
236	25.4	21.6 32.4



#79
Terphenyl-d14
Concen: 59.58 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124729.D
Acq: 24 Jul 2021 00:03

Tgt Ion:244	Resp:	57917
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	8.2	9.0 13.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124729.D
 Acq: 24 Jul 2021 00:03

Instrument :
 BNA_F
 ClientSampleId :
 20210550-COM-23

Tgt Ion:264	Resp:	13737
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.6 29.4
265	21.6	17.2 25.8

