

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124832.D
 Acq On : 28 Jul 2021 17:41
 Operator : JU/CG
 Sample : M3159-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210556-COM-29

Quant Time: Jul 28 18:50:50 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)

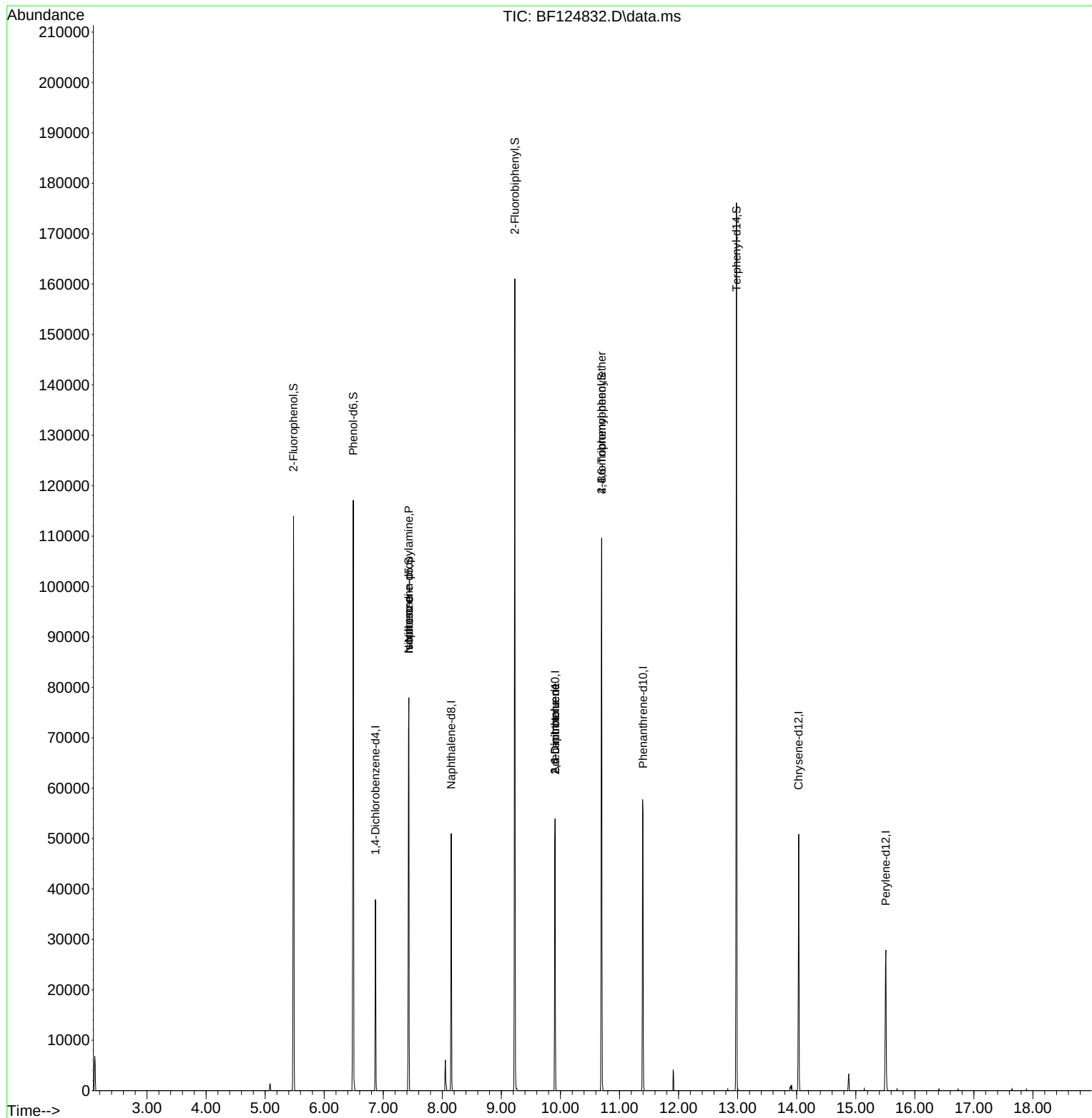
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5302	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	20028	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11986	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	23739	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	17804	20.000	ng	0.00
86) Perylene-d12	15.509	264	14363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	28137	89.854	ng	0.00
7) Phenol-d6	6.492	99	34996	89.145	ng	0.00
23) Nitrobenzene-d5	7.433	82	23088	68.611	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	10927	106.179	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	43975	53.886	ng	0.00
79) Terphenyl-d14	12.980	244	52737	50.775	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	2885	13.763	ng	# 70
25) Isophorone	7.433	82	23087	38.801	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1477	8.101	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1477	5.969	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	735	2.919	ng	# 1

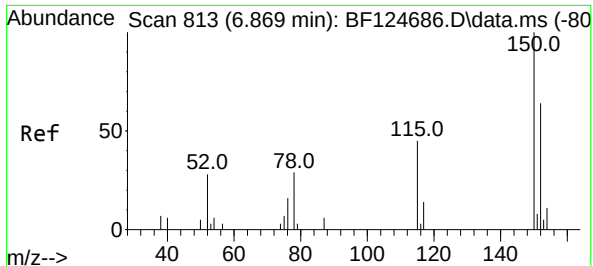
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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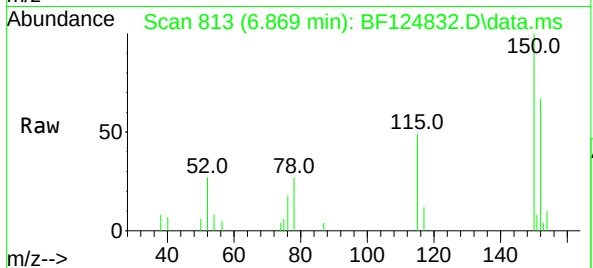
Quant Time: Jul 28 18:50:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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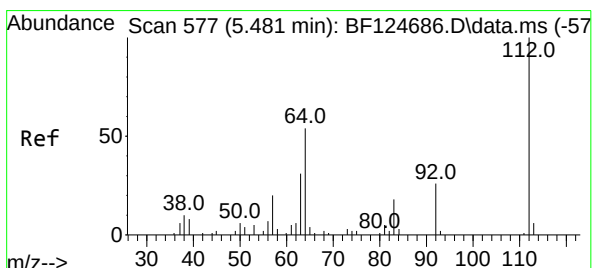
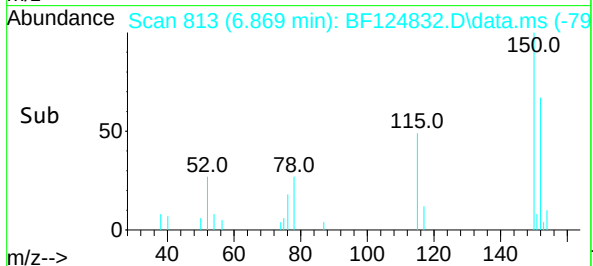
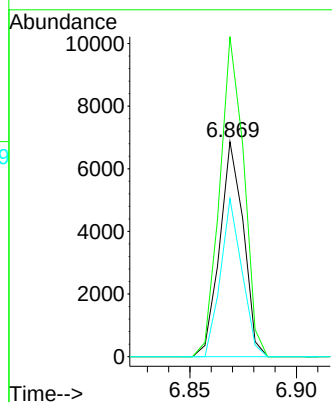


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

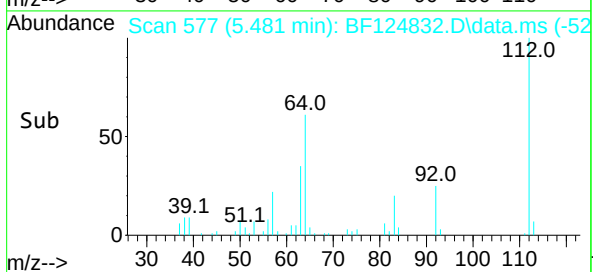
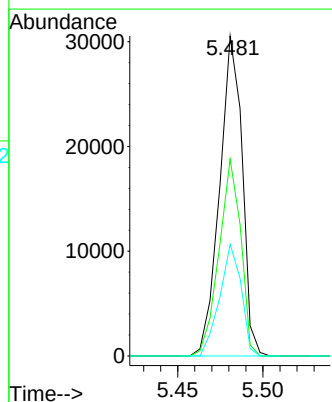
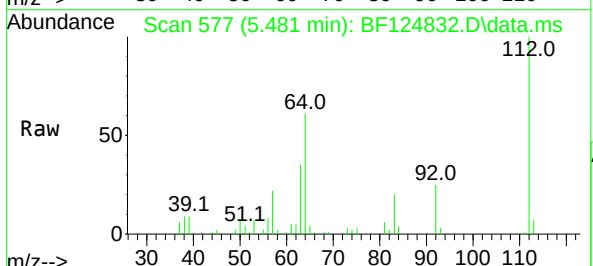


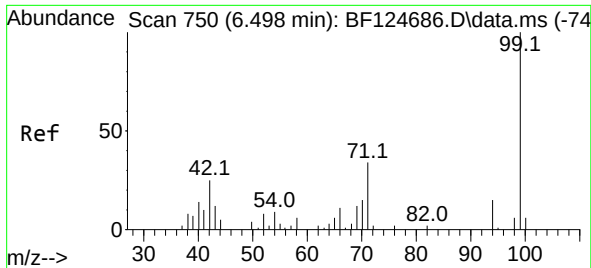
Tgt Ion:152 Resp: 5302
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 73.6 47.1 70.7#



#5
2-Fluorophenol
Concen: 89.854 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:112 Resp: 28137
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 34.9 26.2 39.2

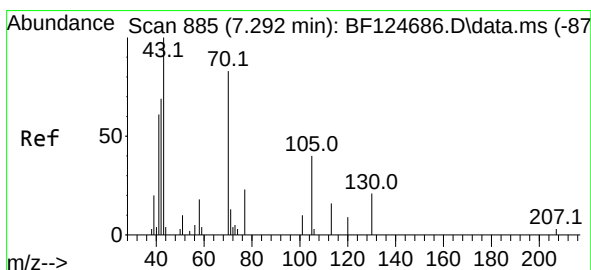
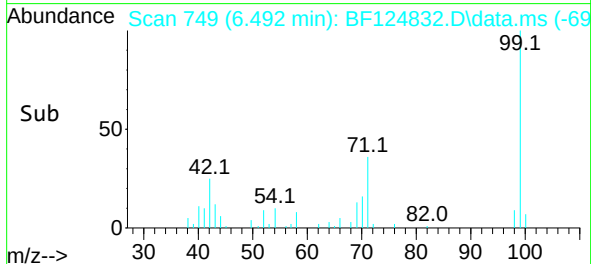
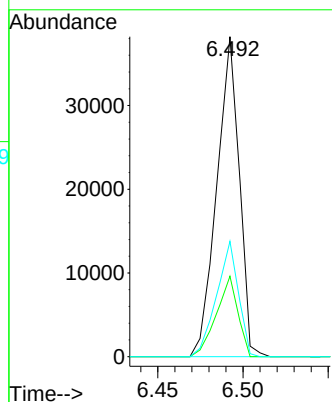
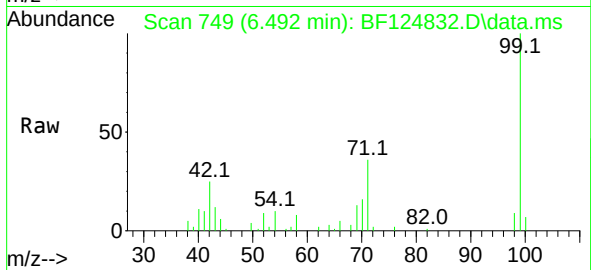




#7
Phenol-d6
Concen: 89.145 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

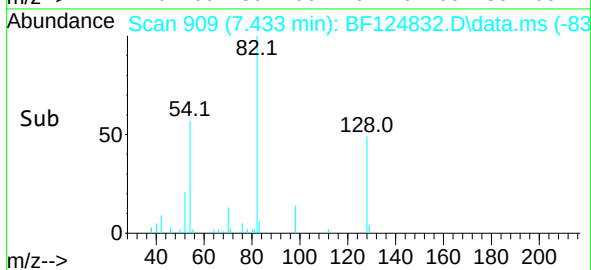
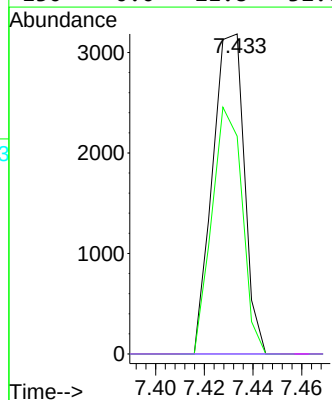
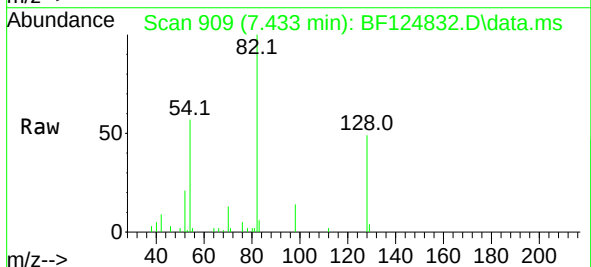
Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

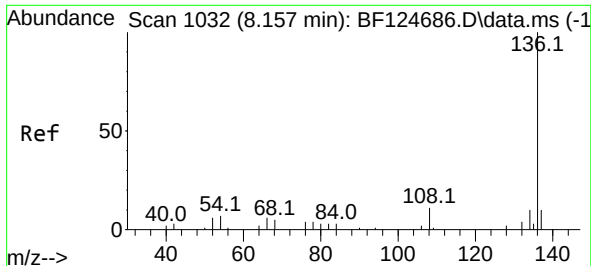
Tgt Ion:	99	Resp:	34996
Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	36.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.763 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:	70	Resp:	2885
Ion	Ratio	Lower	Upper
70	100		
42	68.1	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

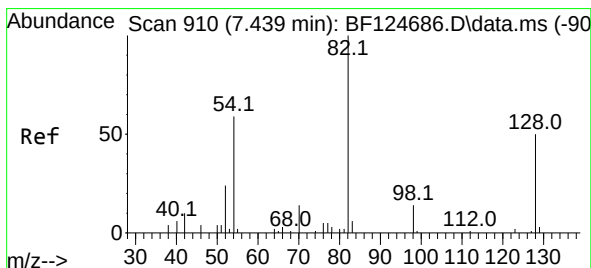
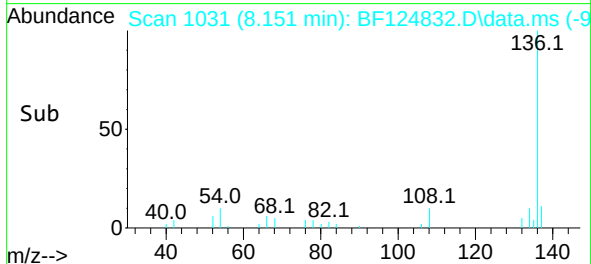
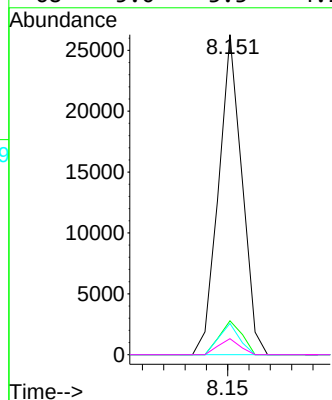
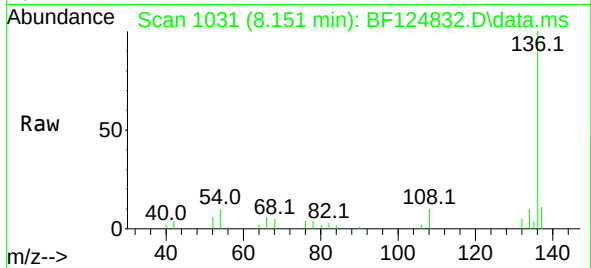




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

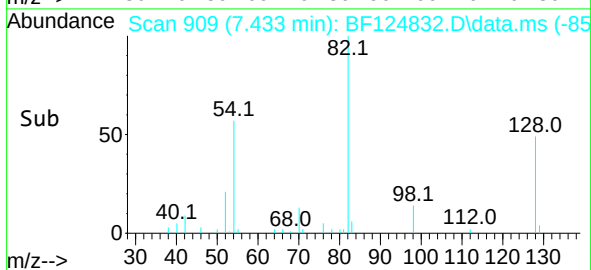
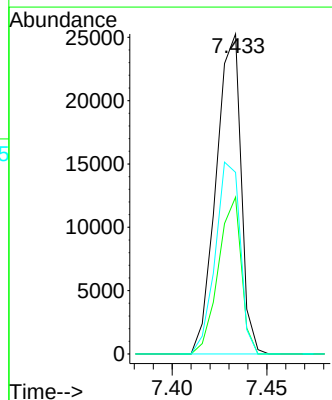
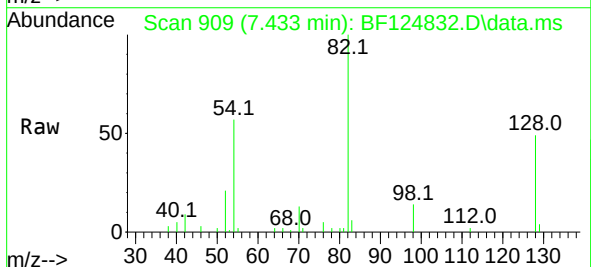
Instrument :
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ClientSampleId :
20210556-COM-29

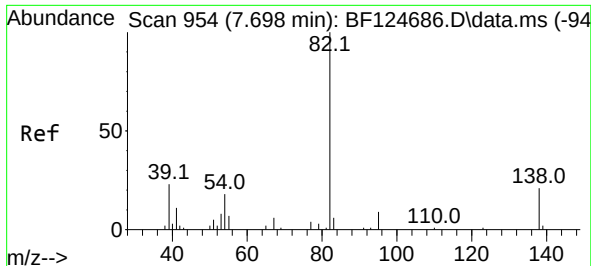
Tgt Ion:136	Resp:	20028
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	9.8	6.4 9.6#
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.611 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion: 82	Resp:	23088
Ion Ratio	Lower	Upper
82	100	
128	49.0	40.6 60.8
54	56.8	49.6 74.4

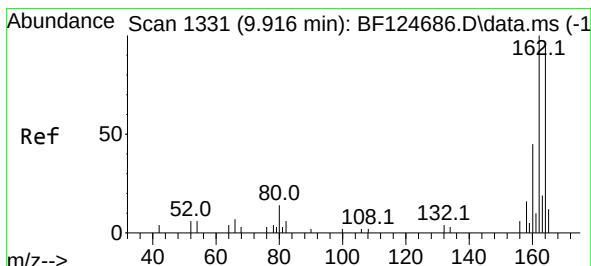
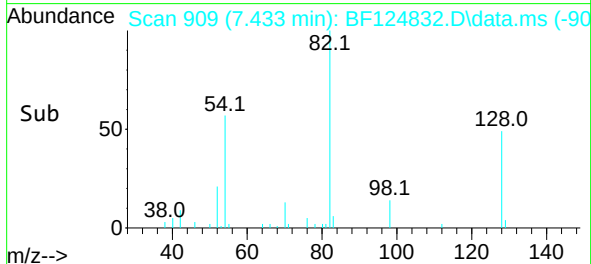
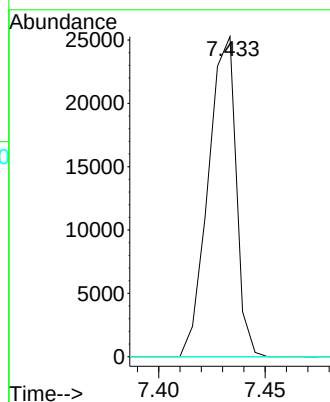
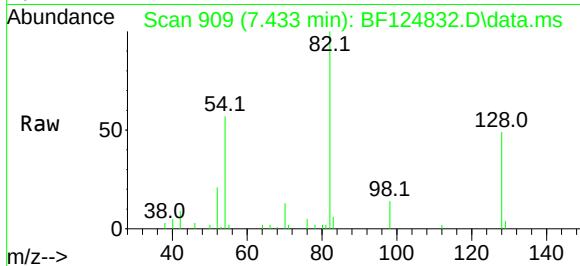




#25
Isophorone
Concen: 38.801 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

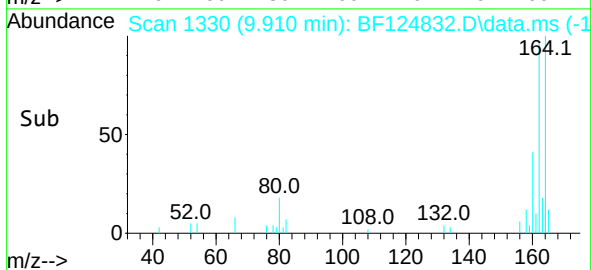
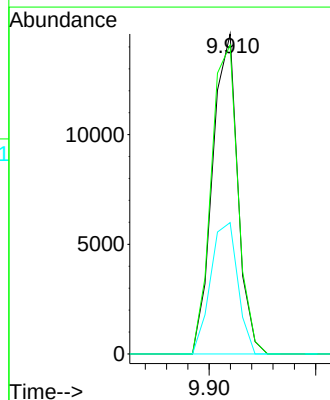
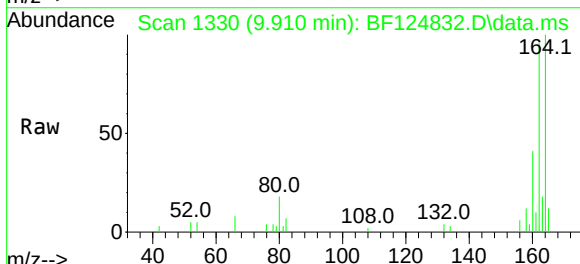
Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

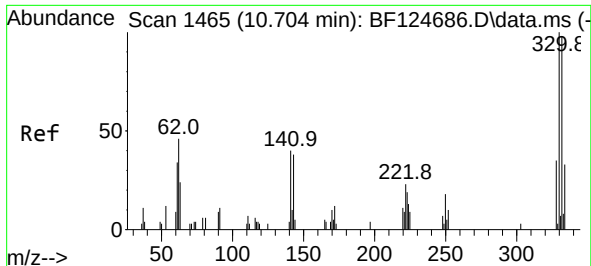
Tgt Ion: 82 Resp: 23087
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

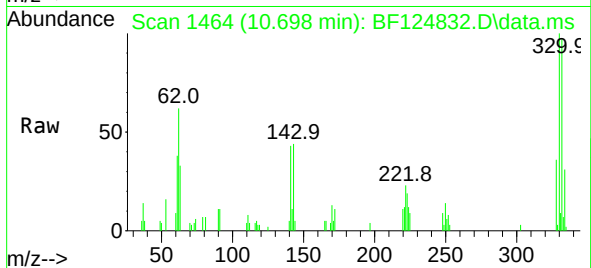
Tgt Ion: 164 Resp: 11986
Ion Ratio Lower Upper
164 100
162 96.5 81.3 121.9
160 41.0 38.0 57.0



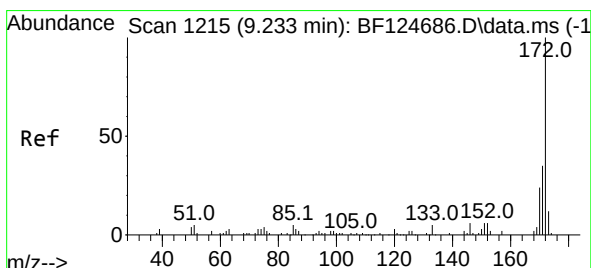
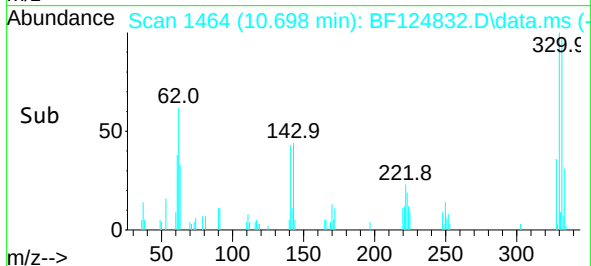
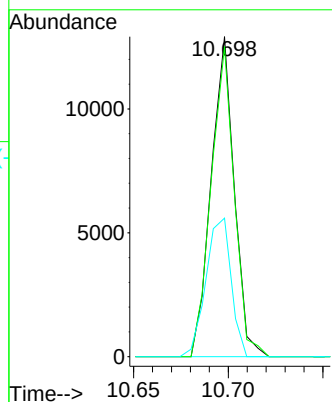


#42
2,4,6-Tribromophenol
Concen: 106.179 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

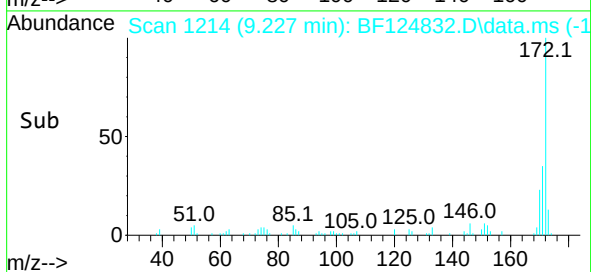
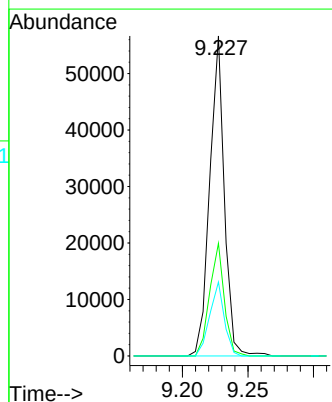
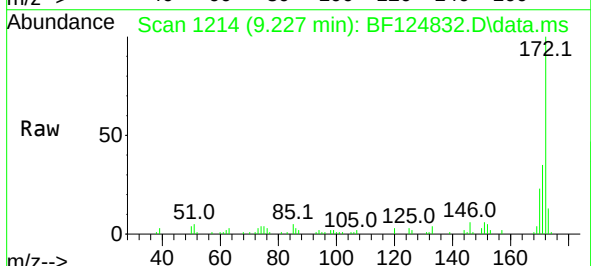


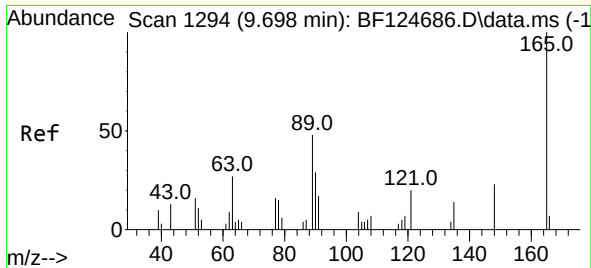
Tgt Ion: 330 Resp: 10927
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 47.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 53.886 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion: 172 Resp: 43975
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.1 18.8 28.2

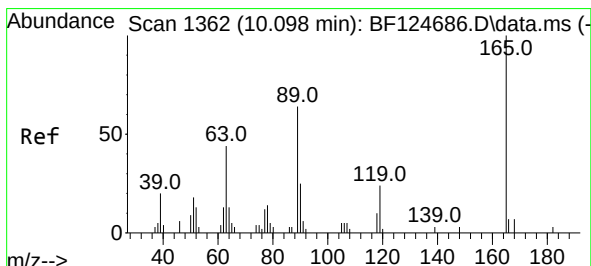
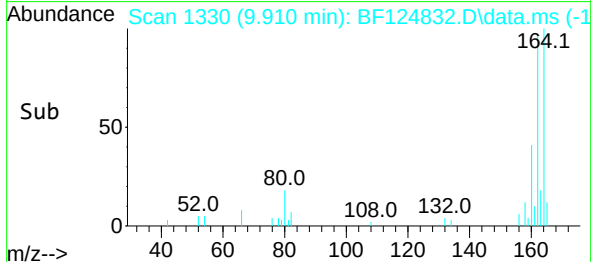
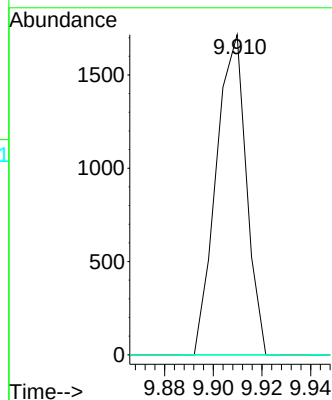
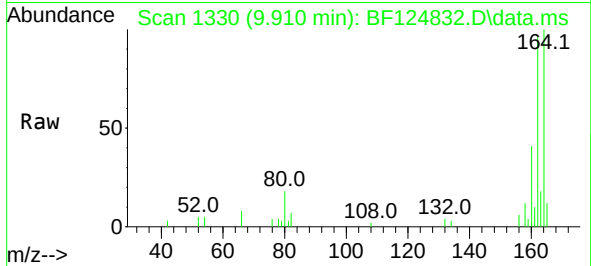




#51
2,6-Dinitrotoluene
Concen: 8.101 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

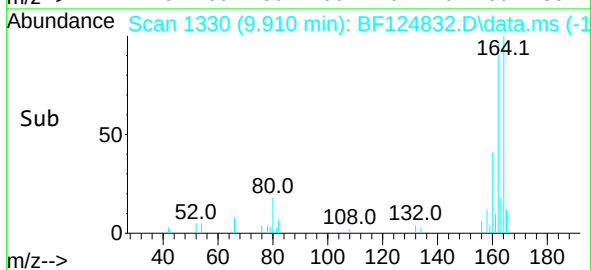
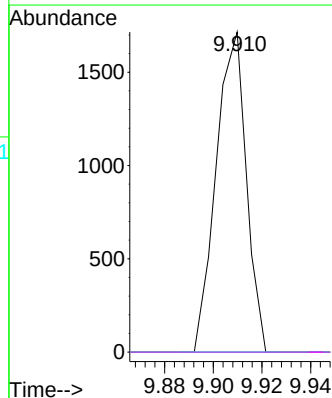
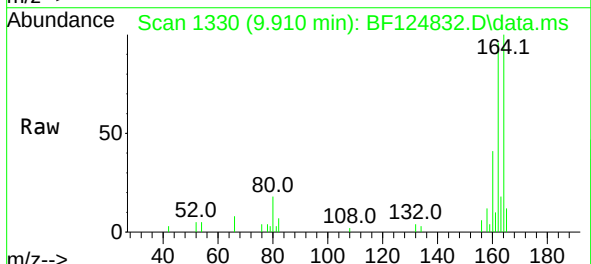
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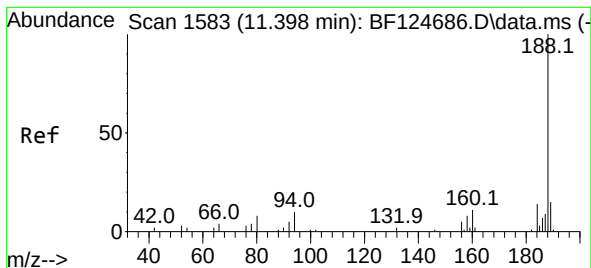
Tgt Ion:165 Resp: 1477
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.969 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:165 Resp: 1477
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

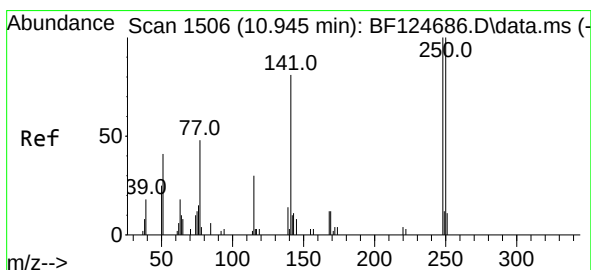
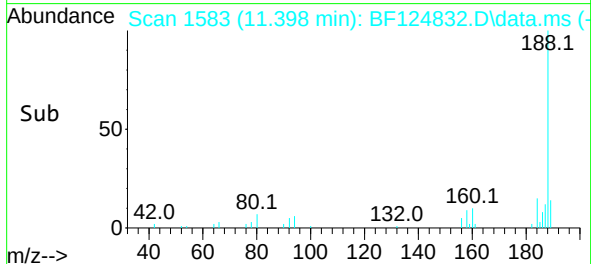
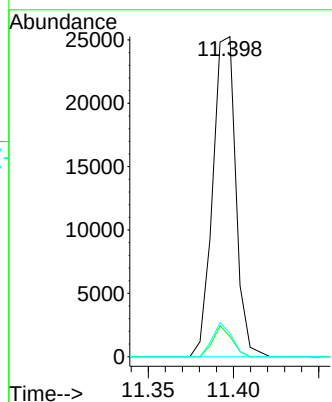
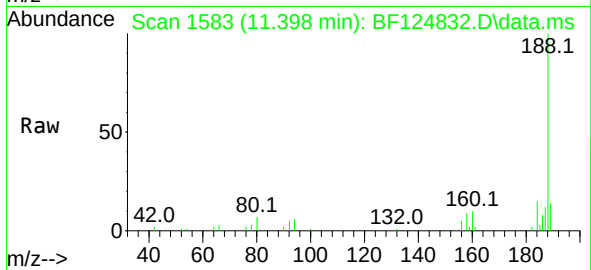




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

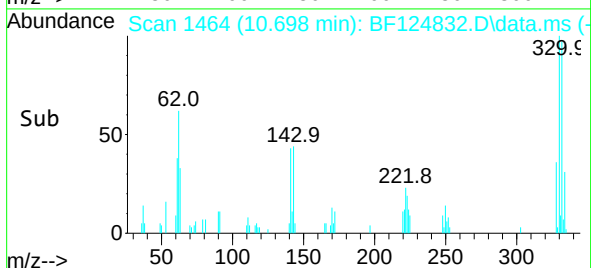
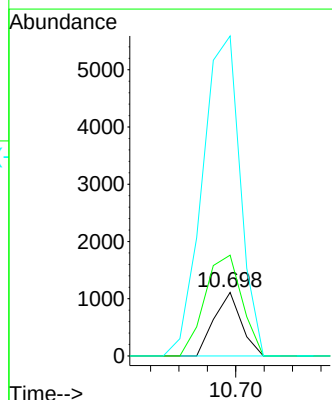
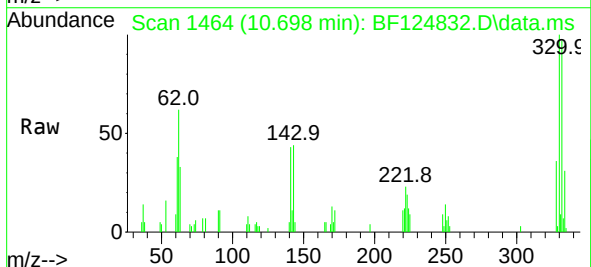
Instrument :
BNA_F
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20210556-COM-29

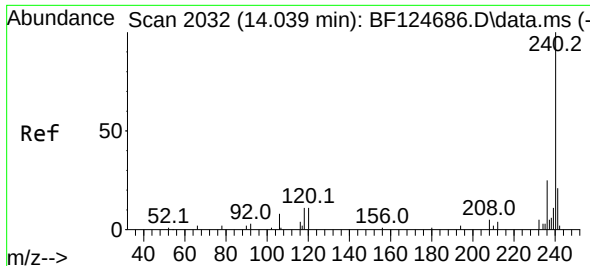
Tgt Ion:188 Resp: 23739
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 7.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.919 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:248 Resp: 735
Ion Ratio Lower Upper
248 100
250 118.3 74.2 111.4#
141 375.5 60.4 90.6#

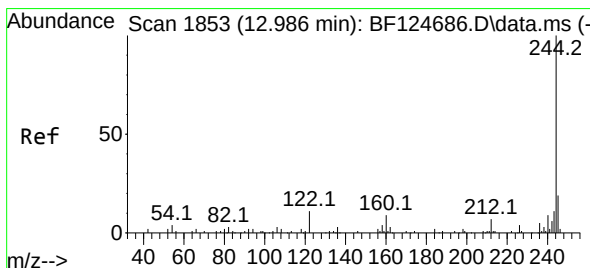
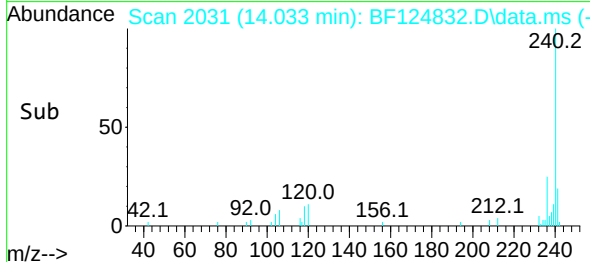
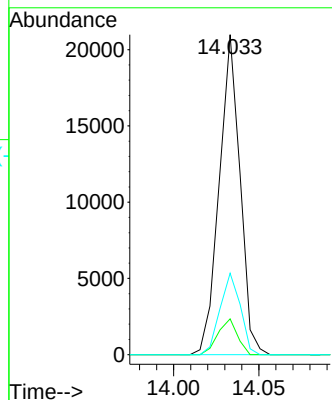
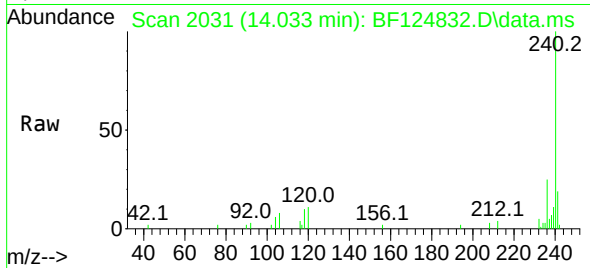




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

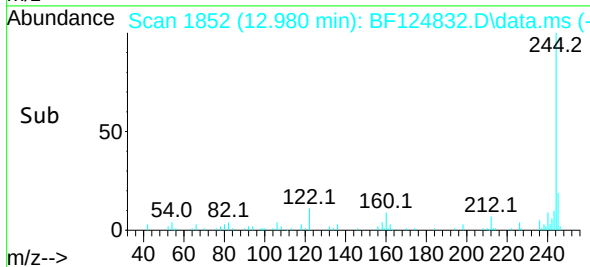
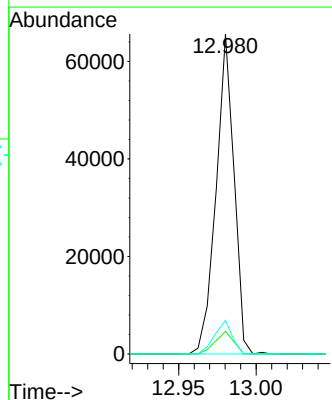
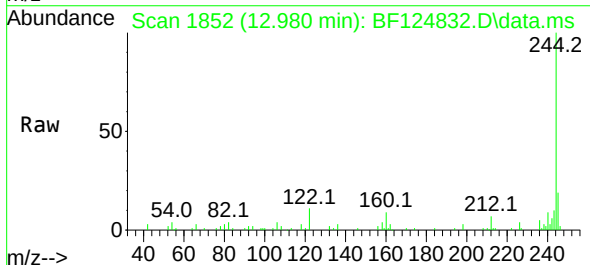
Instrument :
BNA_F
ClientSampleId :
20210556-COM-29

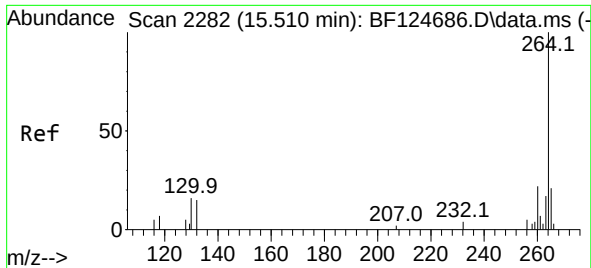
Tgt Ion:240 Resp: 17804
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 50.775 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124832.D
Acq: 28 Jul 2021 17:41

Tgt Ion:244 Resp: 52737
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.5 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124832.D
 Acq: 28 Jul 2021 17:41

Instrument :
 BNA_F
 ClientSampleId :
 20210556-COM-29

Tgt Ion:264 Resp: 14363
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 22.2 17.2 25.8

