

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124643.D
 Acq On : 20 Jul 2021 23:46
 Operator : JU/CG
 Sample : M3043-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-077

Quant Time: Jul 21 03:14:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

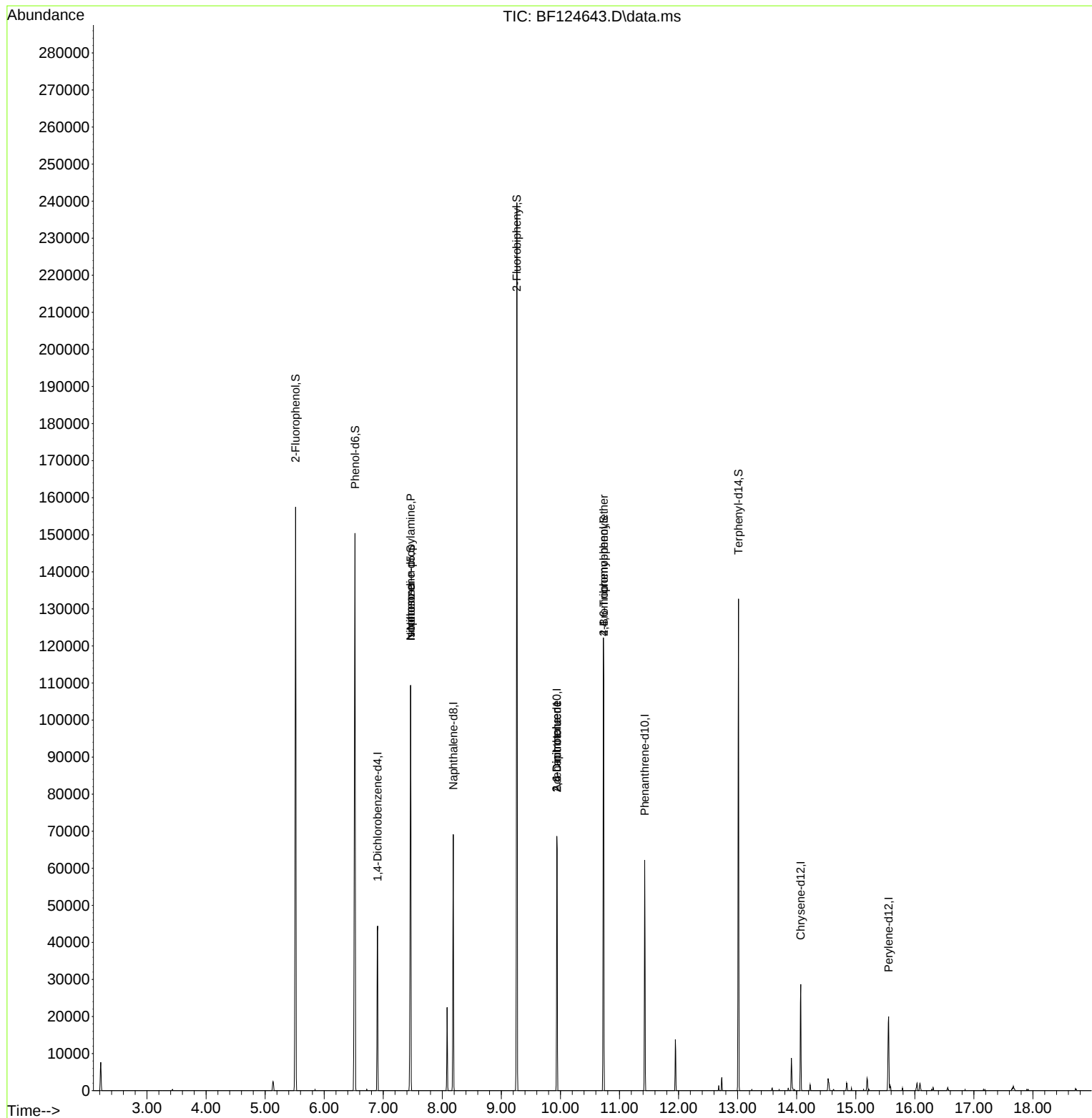
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7215	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	28850	20.00	ng	-0.02
39) Acenaphthene-d10	9.939	164	14887	20.00	ng	-0.02
64) Phenanthrene-d10	11.427	188	22441	20.00	ng	-0.02
76) Chrysene-d12	14.068	240	10879	20.00	ng	#-0.02
86) Perylene-d12	15.557	264	10619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	45148	108.42	ng	-0.02
7) Phenol-d6	6.522	99	54195	106.98	ng	-0.02
23) Nitrobenzene-d5	7.463	82	33080	72.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	12170	105.05	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	67029	65.66	ng	-0.02
79) Terphenyl-d14	13.015	244	40916	63.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	4352	15.28	ng	# 76
25) Isophorone	7.463	82	32837	39.14	ng	# 59
51) 2,6-Dinitrotoluene	9.939	165	1947	9.54	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	1947	6.97	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	916	3.95	ng	# 1

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

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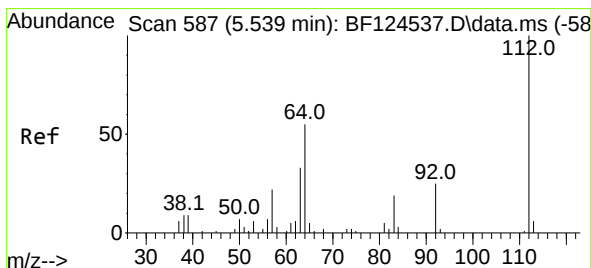
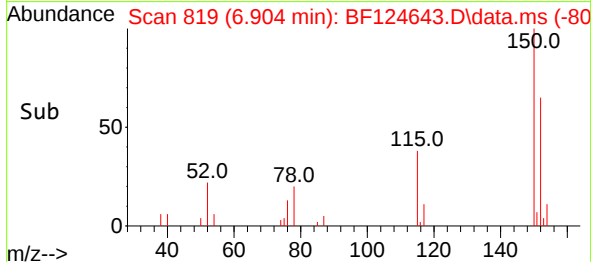
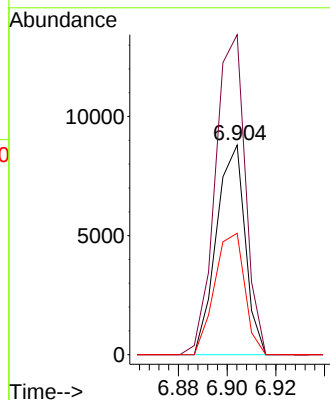
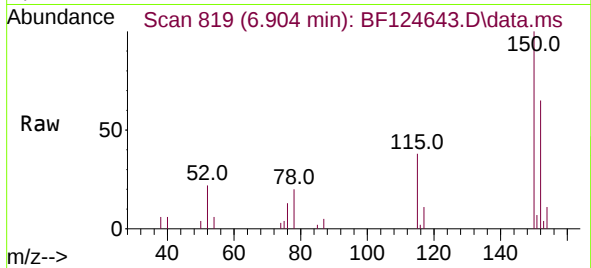




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

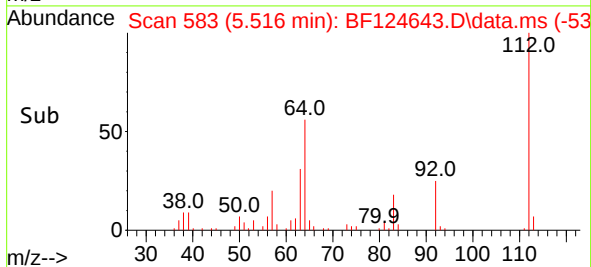
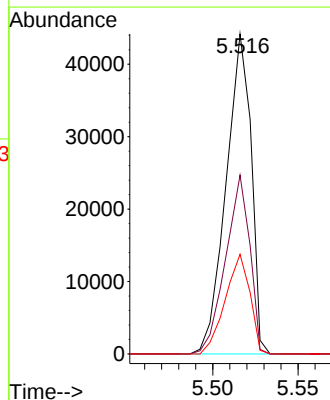
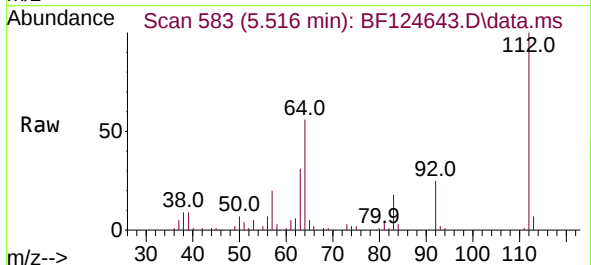
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

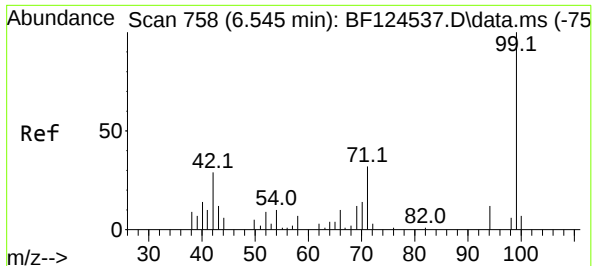
Tgt Ion:152 Resp: 7215
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 58.0 47.1 70.7



#5
2-Fluorophenol
Concen: 108.42 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:112 Resp: 45148
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 31.2 26.2 39.2

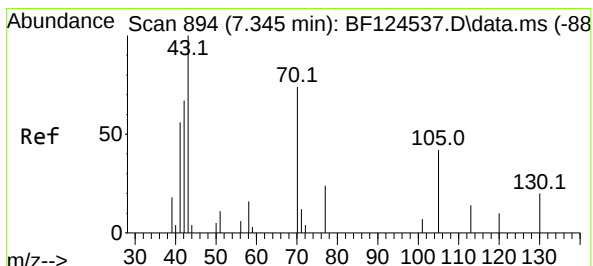
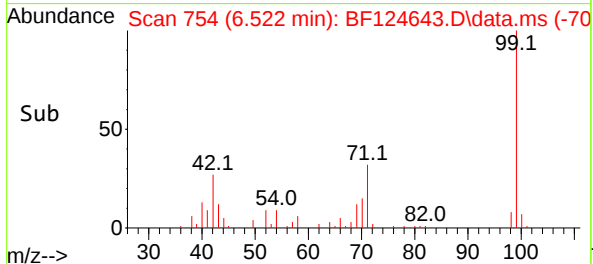
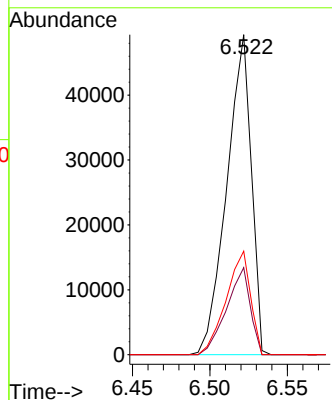
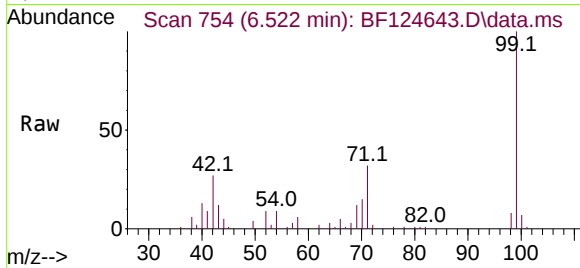




#7
Phenol-d6
Concen: 106.98 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

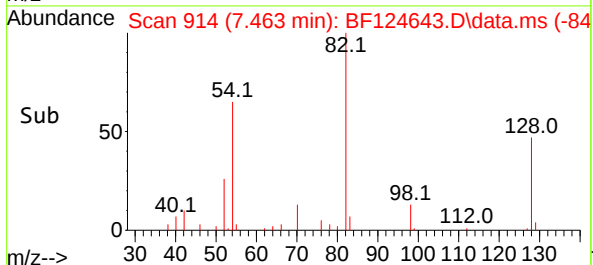
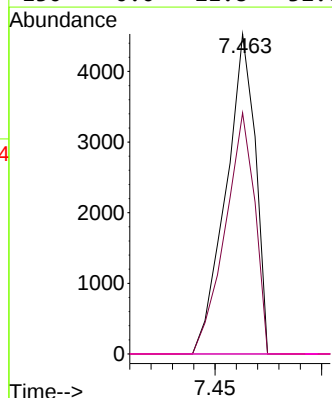
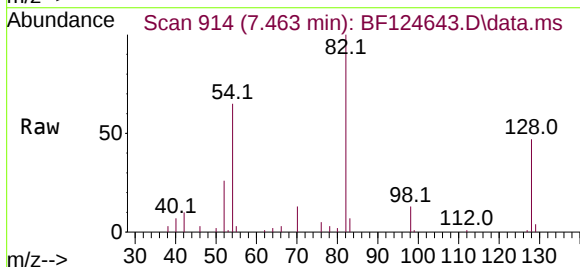
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

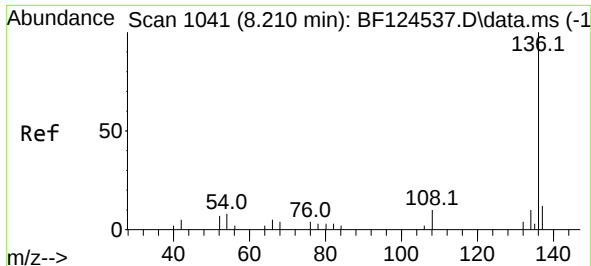
Tgt Ion:	99	Resp:	54195
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.5	35.3
71	32.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.129 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:	70	Resp:	4352
Ion	Ratio	Lower	Upper
70	100		
42	75.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

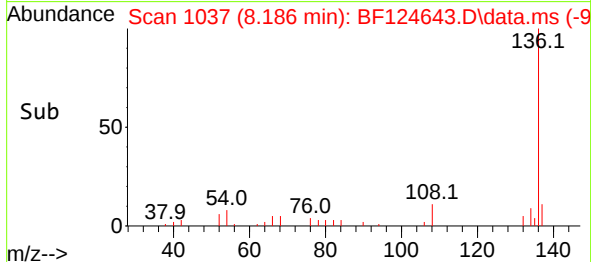
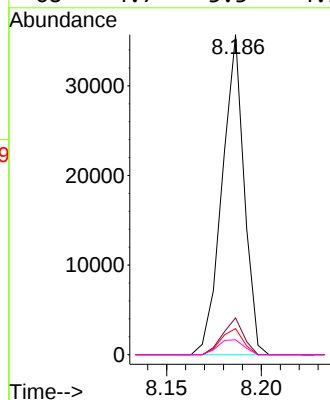
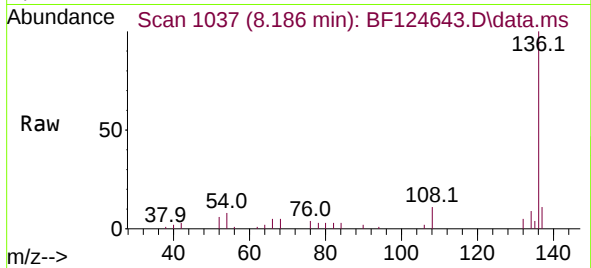




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

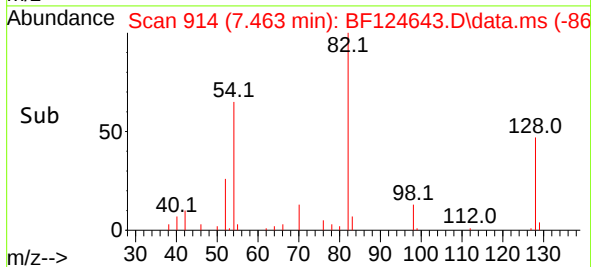
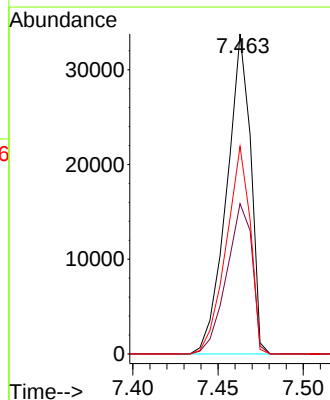
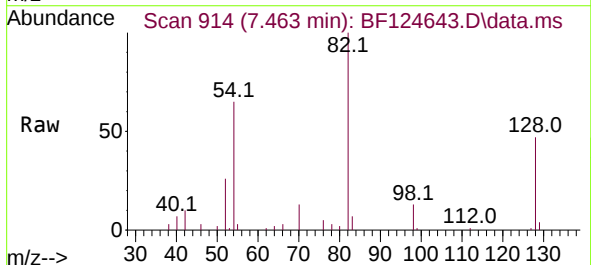
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

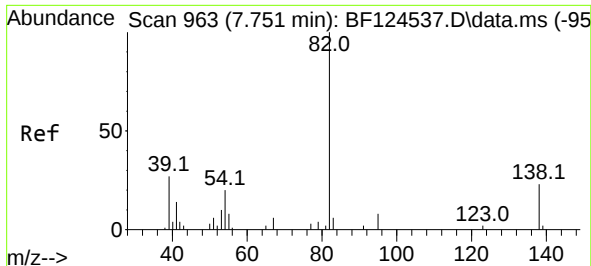
Tgt Ion:	136	Resp:	28850
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	8.2	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 72.38 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:	82	Resp:	33080
Ion Ratio	Lower	Upper	
82	100		
128	46.9	40.6	60.8
54	64.9	49.6	74.4

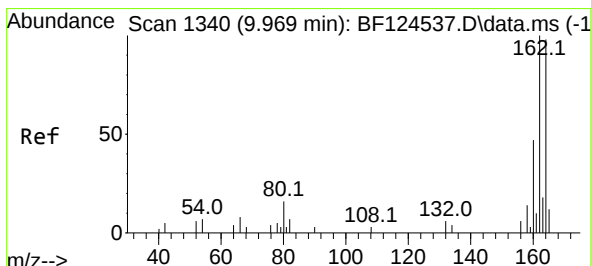
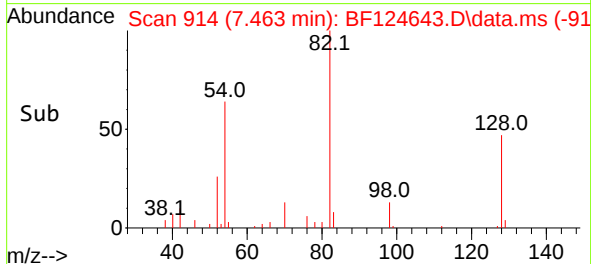
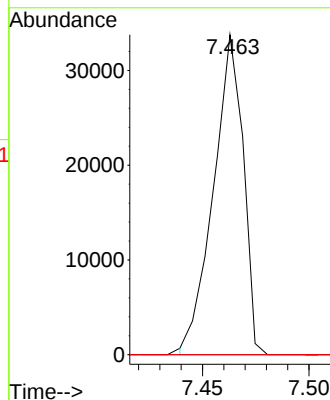
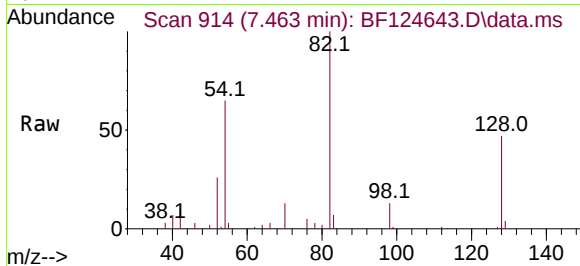




#25
Isophorone
Concen: 39.14 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

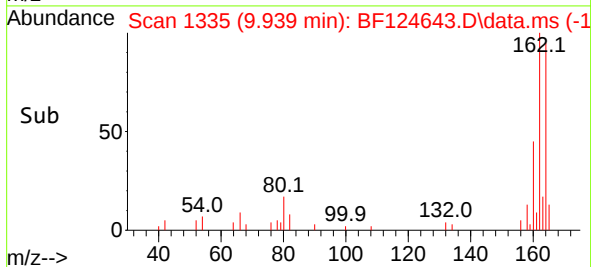
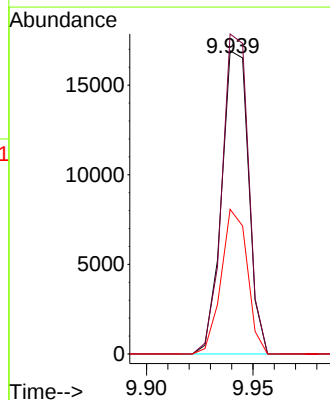
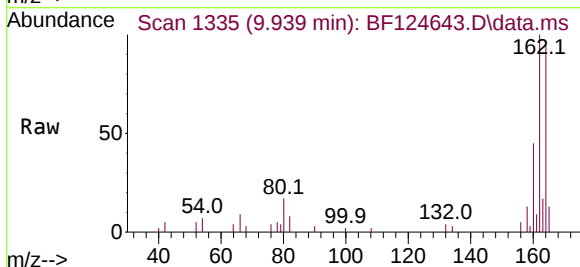
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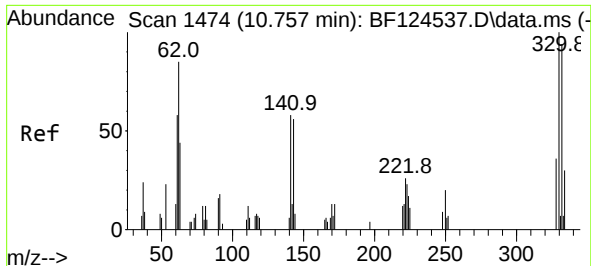
Tgt Ion: 82 Resp: 32837
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:164 Resp: 14887
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 47.7 38.0 57.0

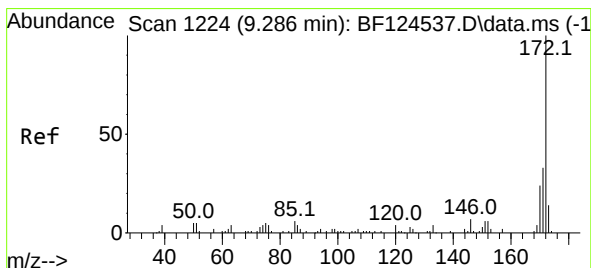
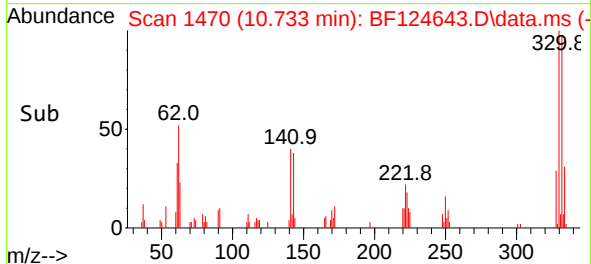
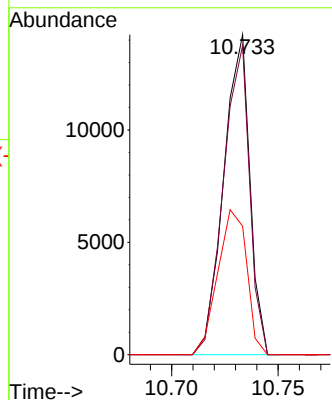
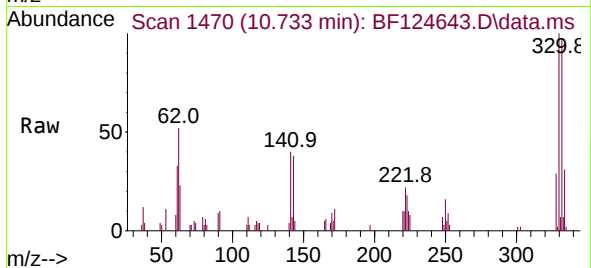




#42
2,4,6-Tribromophenol
Concen: 105.05 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

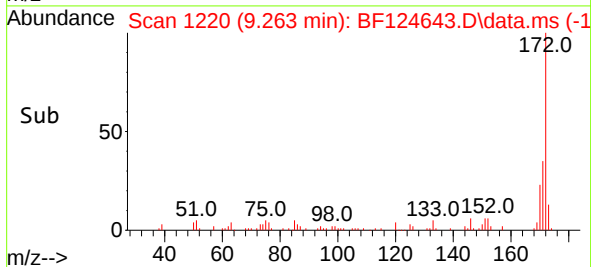
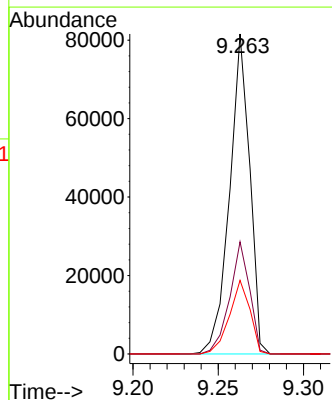
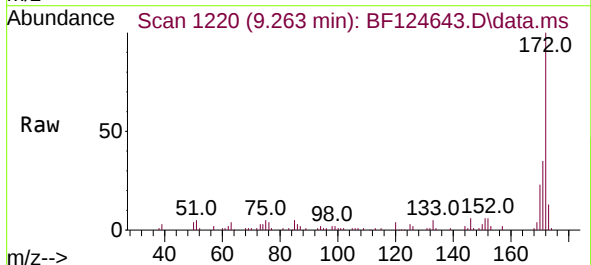
Instrument :
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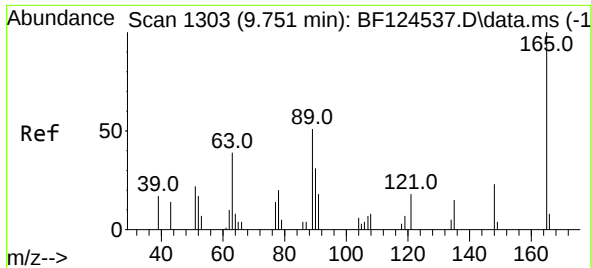
Tgt Ion: 330 Resp: 12170
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 50.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 65.66 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion: 172 Resp: 67029
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.0 18.8 28.2

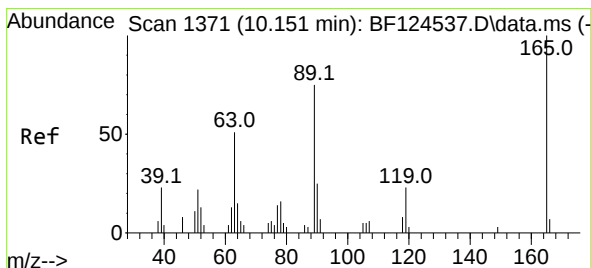
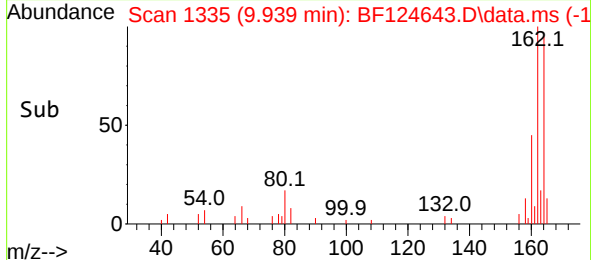
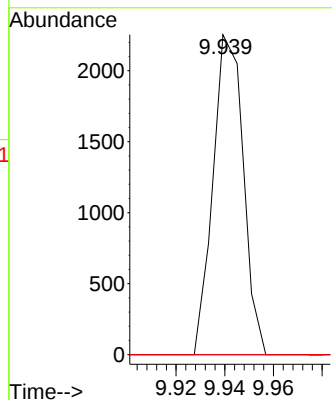
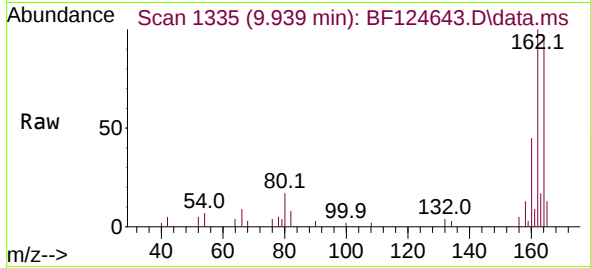




#51
2,6-Dinitrotoluene
Concen: 9.54 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.194 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

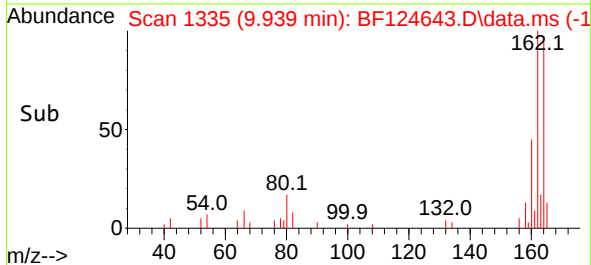
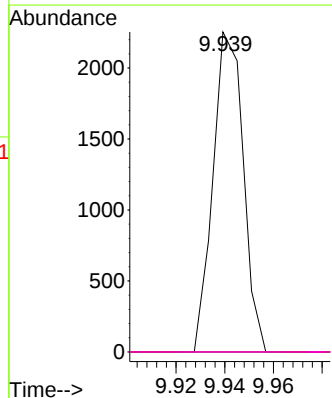
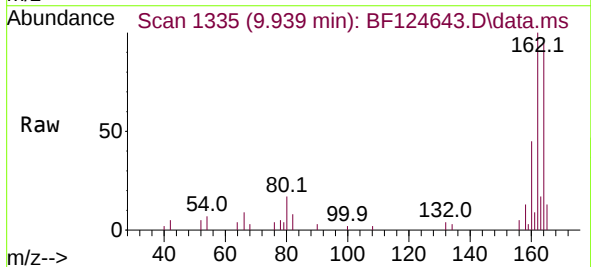
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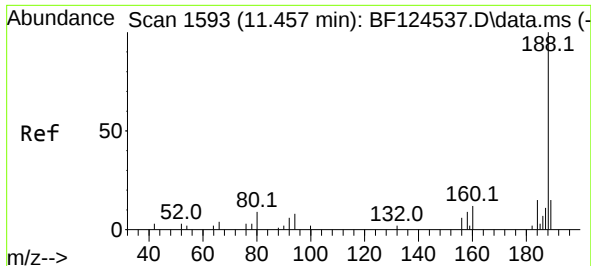
Tgt Ion:165 Resp: 1947
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.206 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:165 Resp: 1947
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

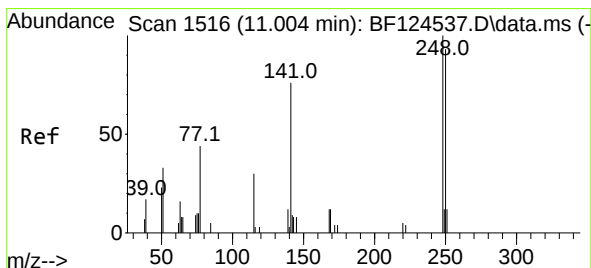
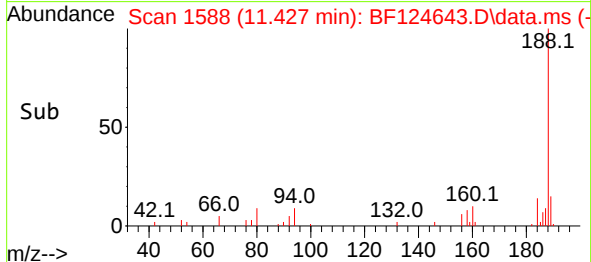
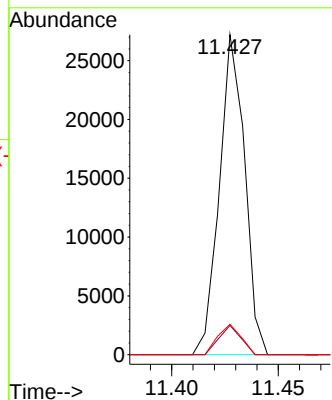
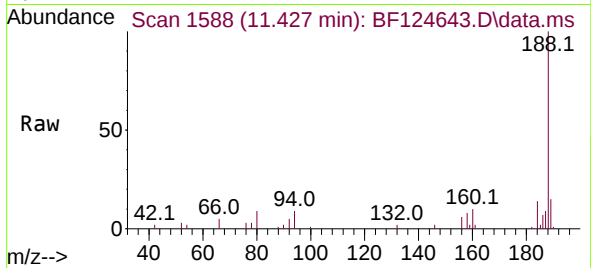




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

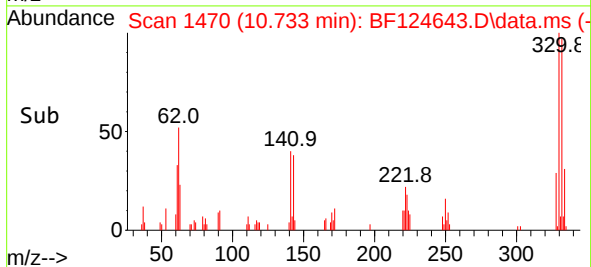
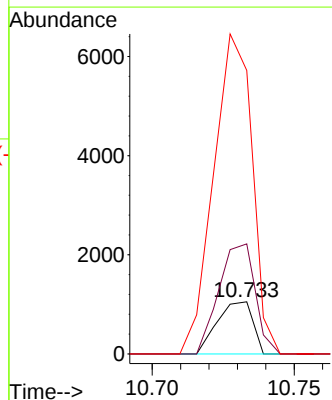
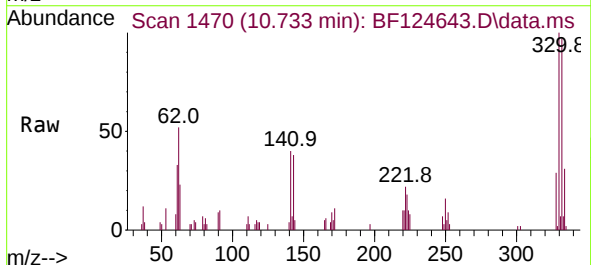
Instrument :
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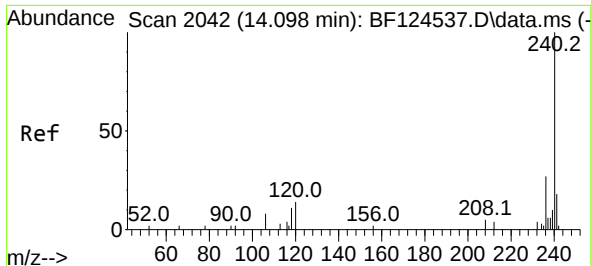
Tgt Ion:188	Resp:	22441
Ion Ratio	Lower	Upper
188	100	
94	9.1	6.7 10.1
80	9.5	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

Tgt Ion:248	Resp:	916
Ion Ratio	Lower	Upper
248	100	
250	211.4	74.2 111.4#
141	544.1	60.4 90.6#

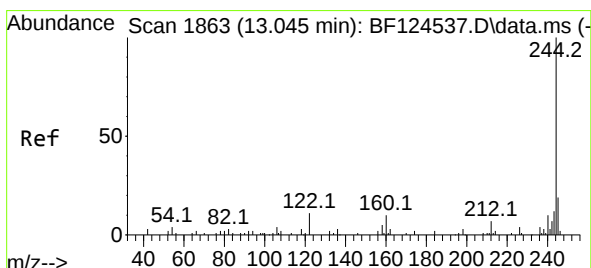
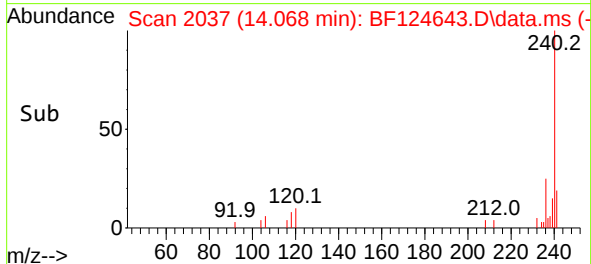
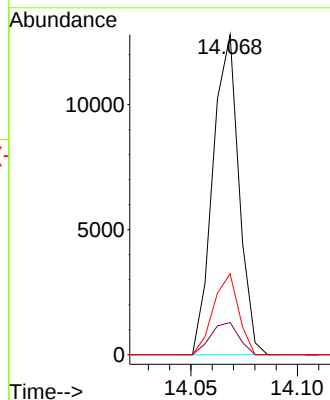
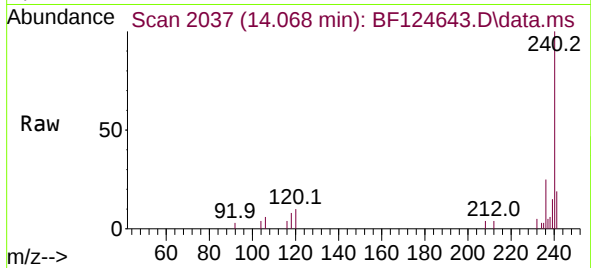




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

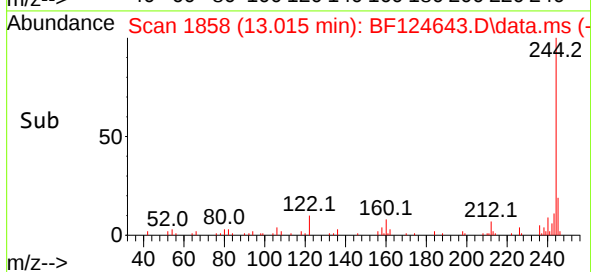
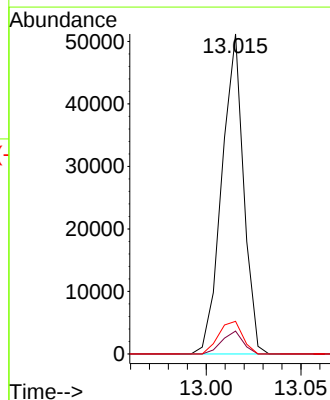
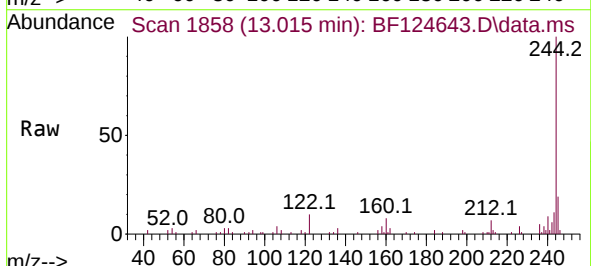
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-077

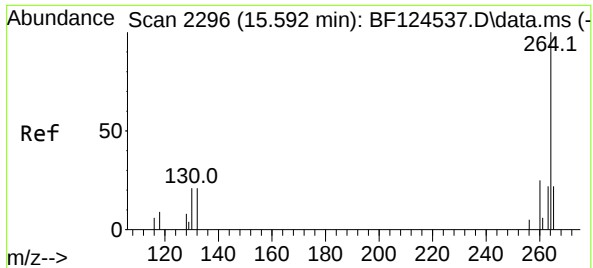
Tgt Ion:240 Resp: 10879
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 63.16 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BF124643.D
Acq: 20 Jul 2021 23:46

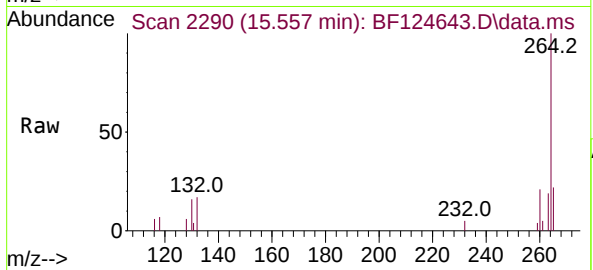
Tgt Ion:244 Resp: 40916
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF124643.D
 Acq: 20 Jul 2021 23:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-077



Tgt Ion:	264	Resp:	10619
Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.6	29.4
265	22.1	17.2	25.8

