

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124777.D
 Acq On : 26 Jul 2021 22:05
 Operator : JU/CG
 Sample : M3151-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Jul 27 04:26:22 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)

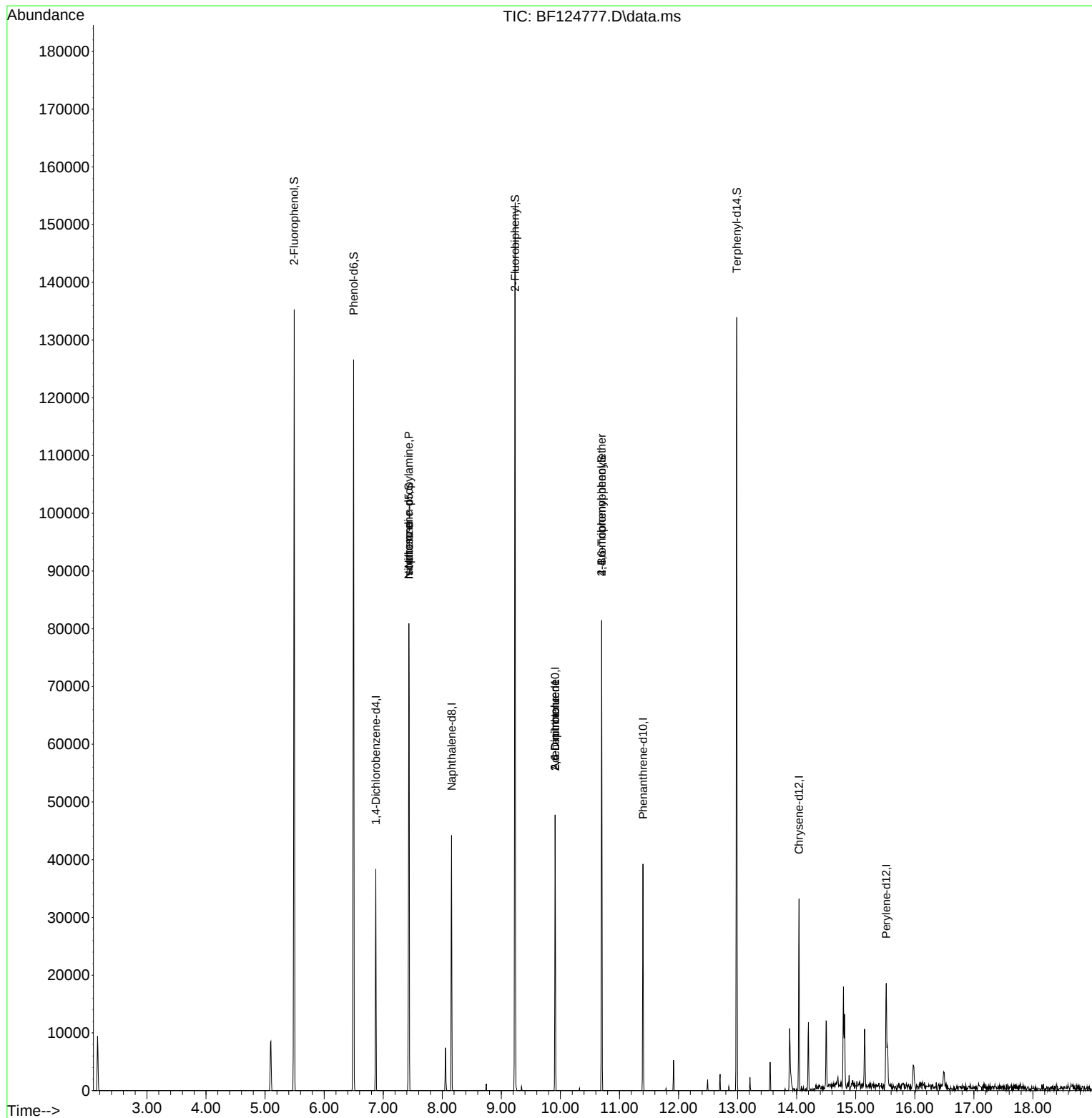
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5354	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	19025	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	9355	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	14521	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11536	20.000	ng	0.00
86) Perylene-d12	15.515	264	9372	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	33005	104.376	ng	0.01
7) Phenol-d6	6.498	99	39353	99.270	ng	0.00
23) Nitrobenzene-d5	7.434	82	24525	76.724	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7399	92.117	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	47679	74.857	ng	0.00
79) Terphenyl-d14	12.986	244	45037	66.921	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	3155	14.904	ng	# 78
25) Isophorone	7.434	82	24524	43.389	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1087	7.638	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1087	5.629	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	482	3.130	ng	# 1

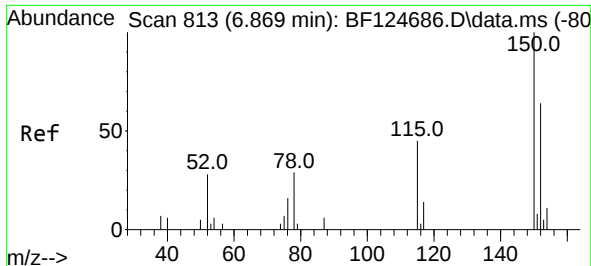
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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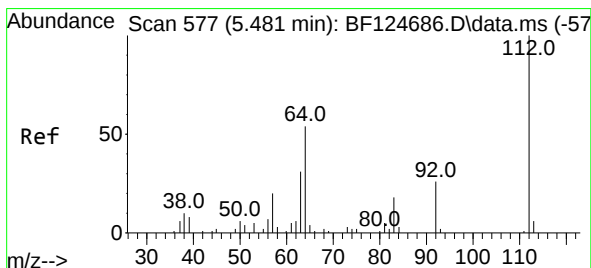
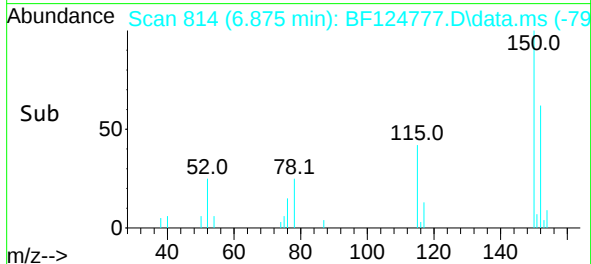
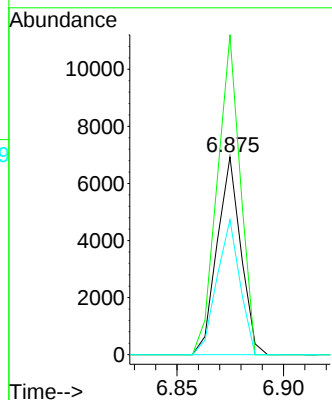
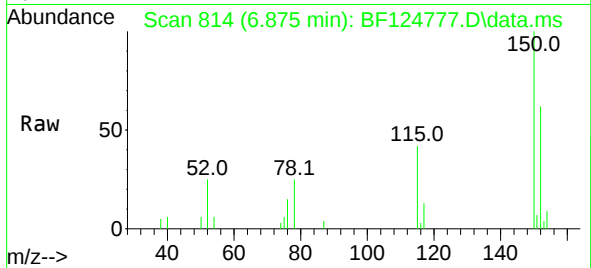




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

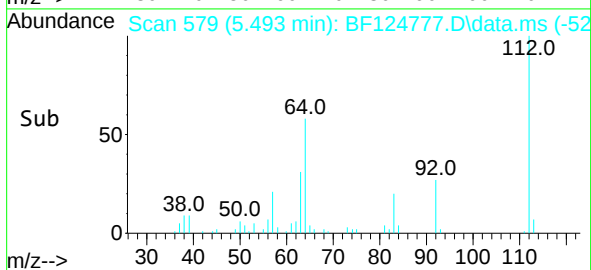
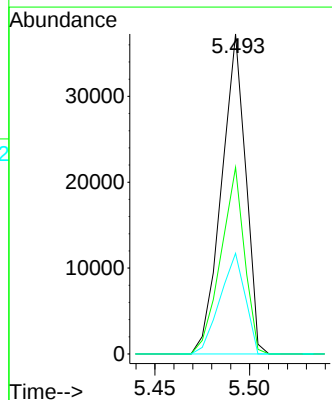
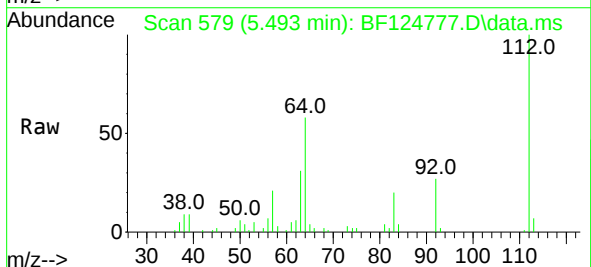
Instrument :
BNA_F
ClientSampleId :
COMP-1

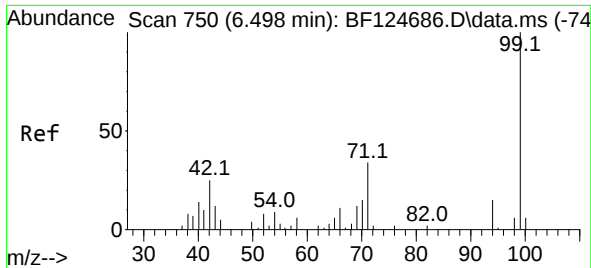
Tgt Ion:152 Resp: 5354
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 68.3 47.1 70.7



#5
2-Fluorophenol
Concen: 104.376 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:112 Resp: 33005
Ion Ratio Lower Upper
112 100
64 58.3 44.2 66.2
63 31.4 26.2 39.2

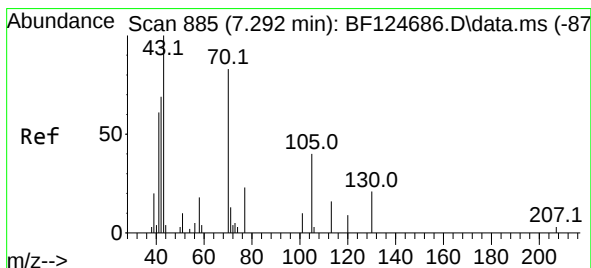
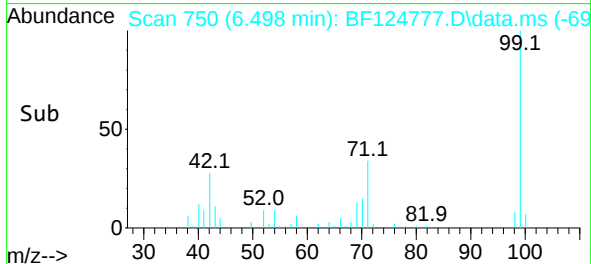
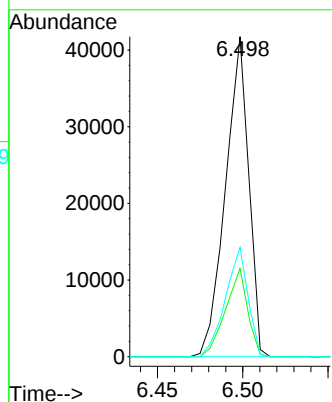
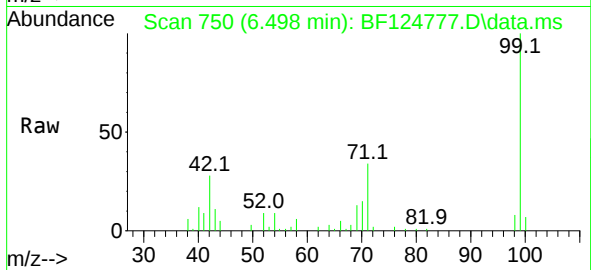




#7
Phenol-d6
Concen: 99.270 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

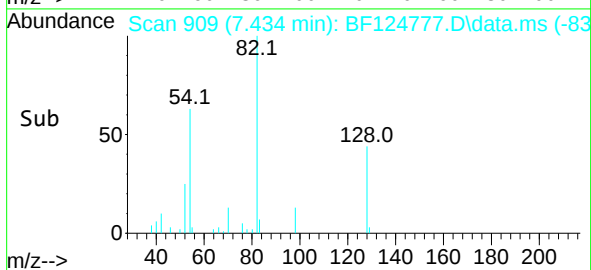
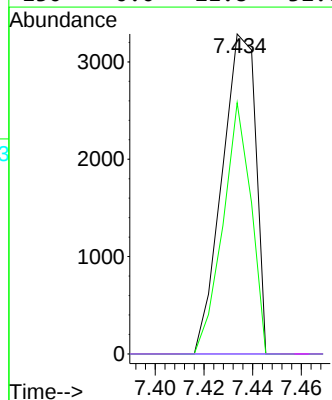
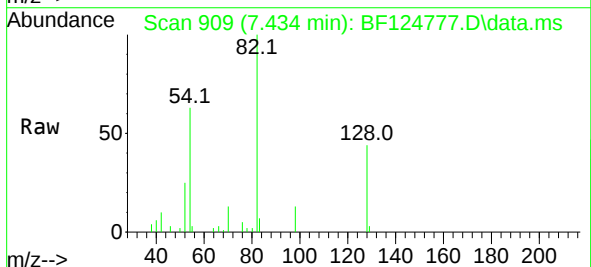
Instrument :
BNA_F
ClientSampled :
COMP-1

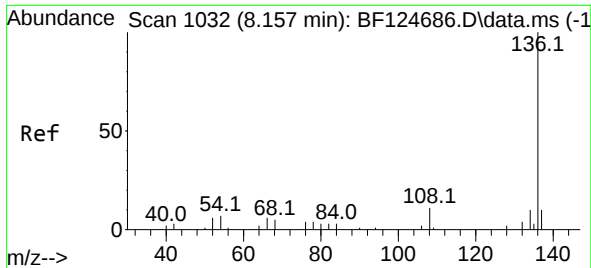
Tgt Ion:	99	Resp:	39353
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	34.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.904 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:	70	Resp:	3155
Ion	Ratio	Lower	Upper
70	100		
42	78.5	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

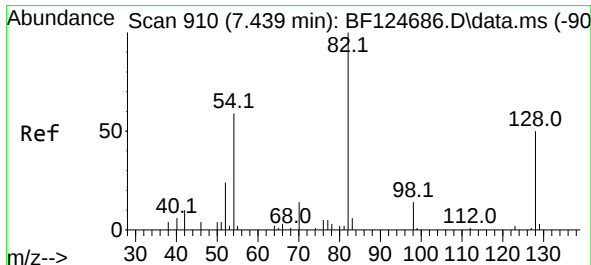
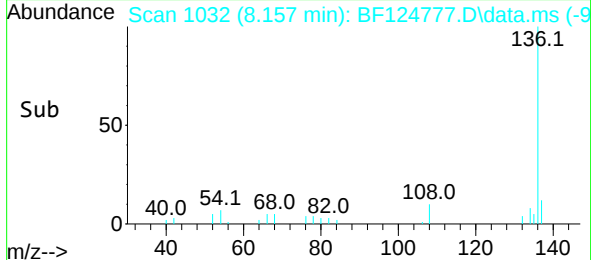
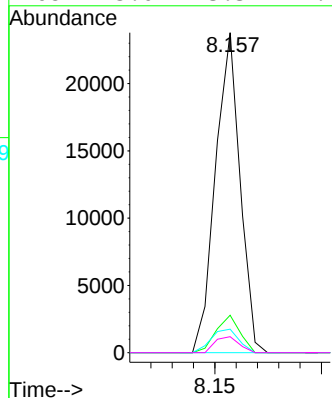
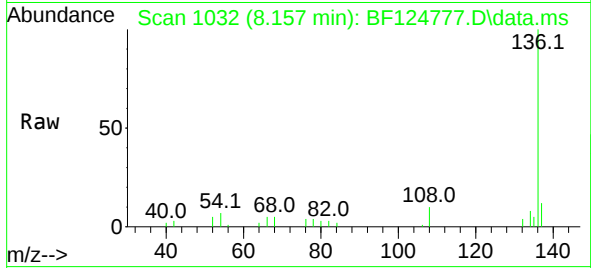




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

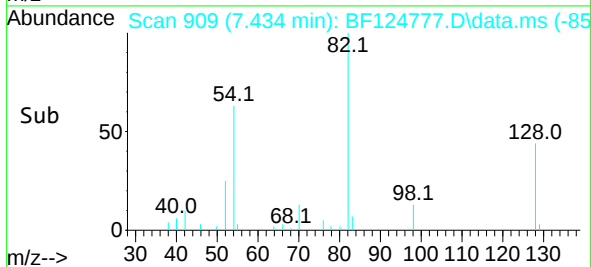
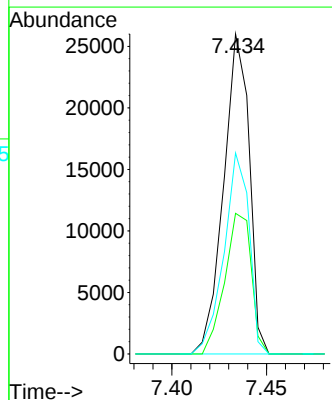
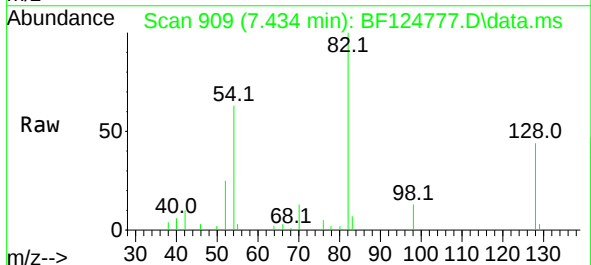
Instrument :
BNA_F
ClientSampled :
COMP-1

Tgt Ion:	136	Resp:	19025
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.8	14.6
54	7.3	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 76.724 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:	82	Resp:	24525
Ion Ratio	Lower	Upper	
82	100		
128	44.0	40.6	60.8
54	62.8	49.6	74.4

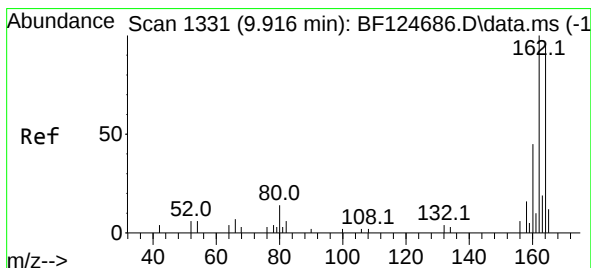
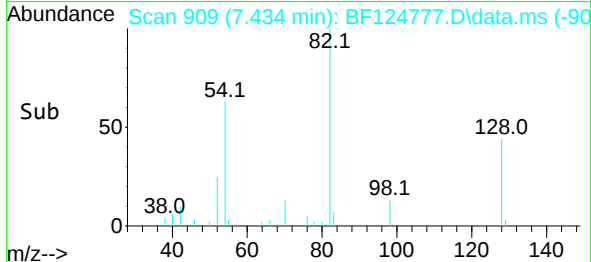
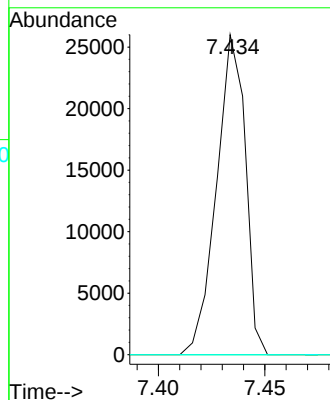
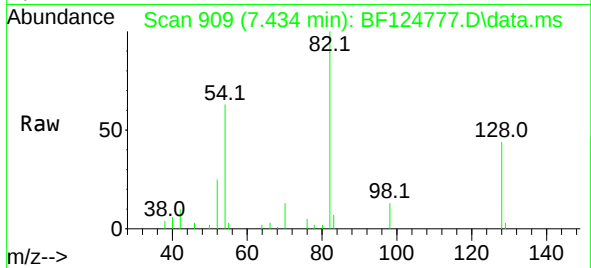




#25
Isophorone
Concen: 43.389 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

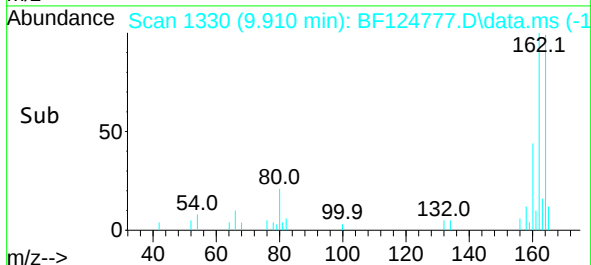
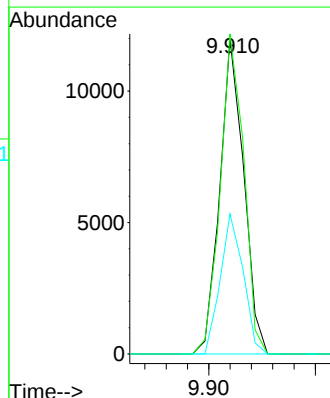
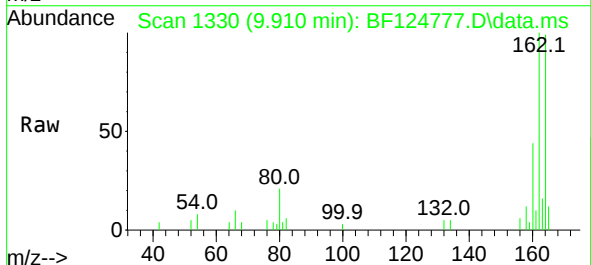
Instrument :
BNA_F
ClientSampled :
COMP-1

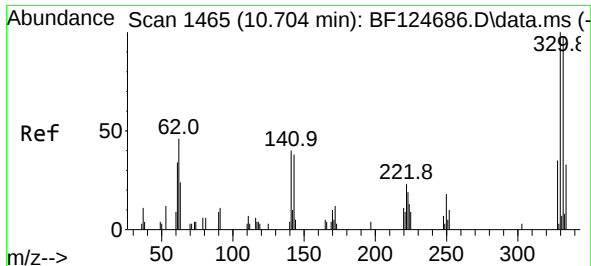
Tgt Ion: 82 Resp: 24524
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion: 164 Resp: 9355
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.3 38.0 57.0

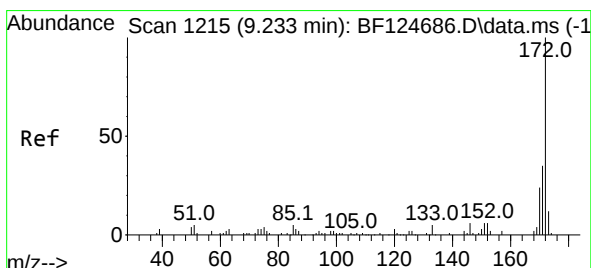
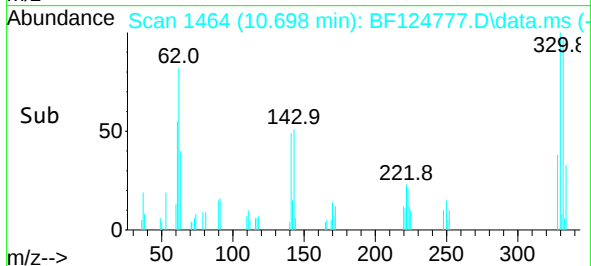
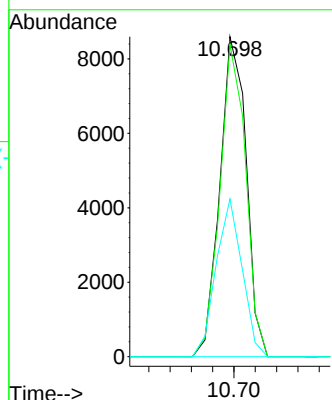
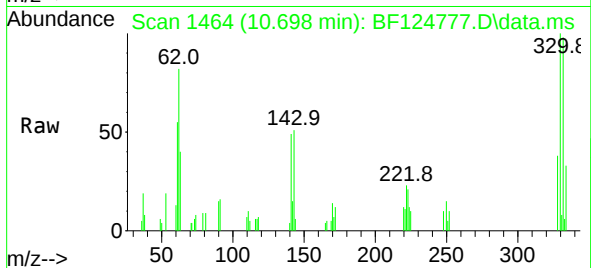




#42
2,4,6-Tribromophenol
Concen: 92.117 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

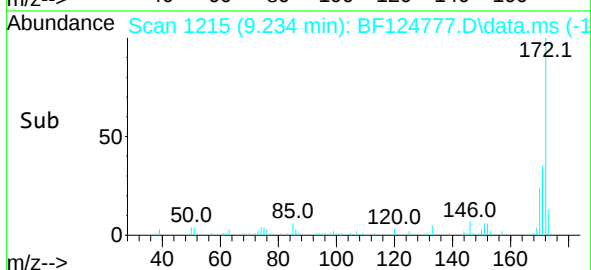
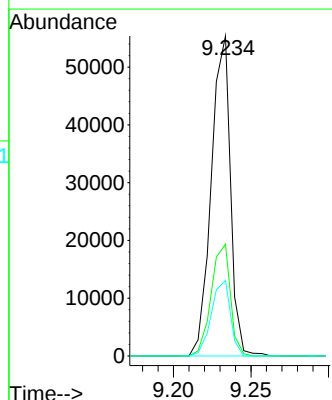
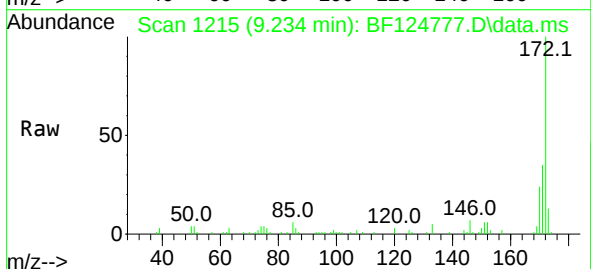
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BNA_F
ClientSampleId :
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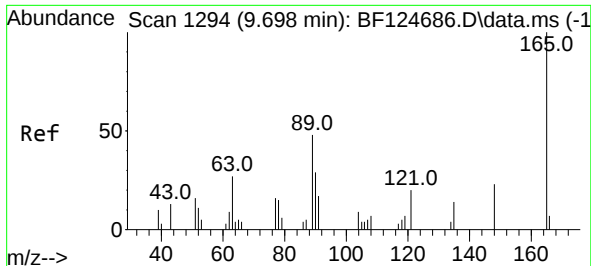
Tgt Ion:330 Resp: 7399
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 48.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 74.857 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:172 Resp: 47679
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.6 18.8 28.2

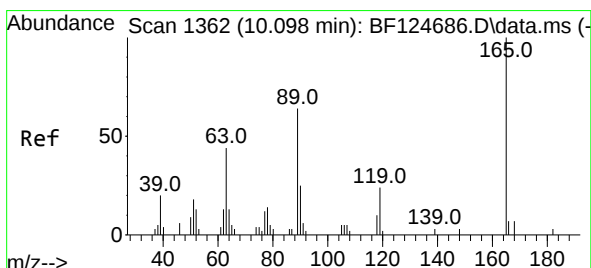
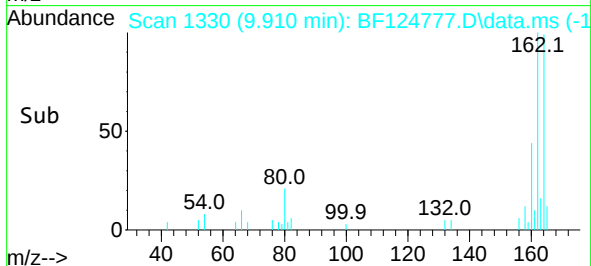
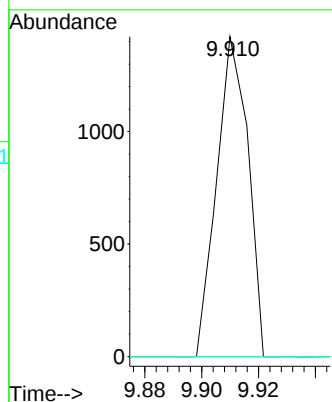
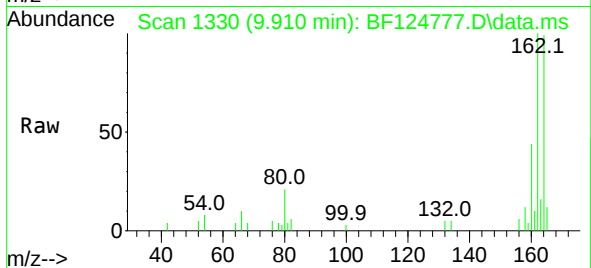




#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

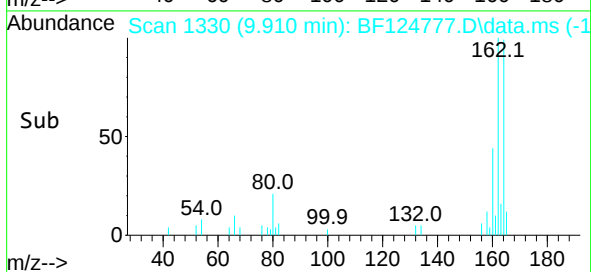
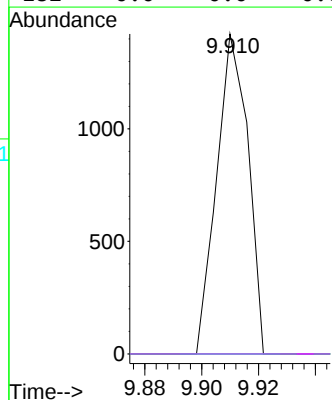
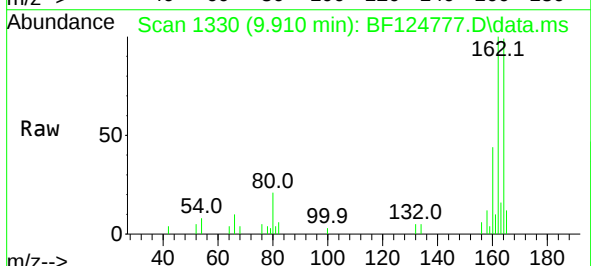
Instrument :
BNA_F
ClientSampled :
COMP-1

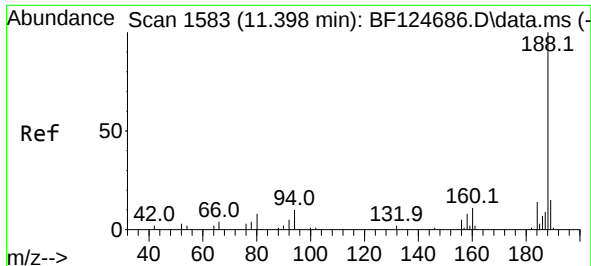
Tgt Ion:165 Resp: 1087
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.629 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:165 Resp: 1087
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

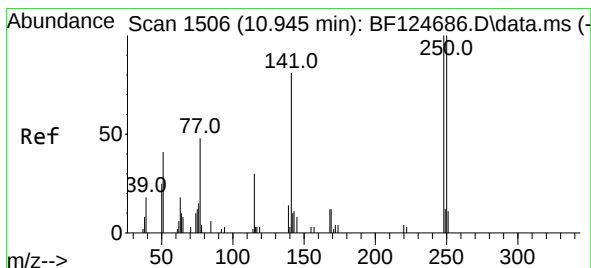
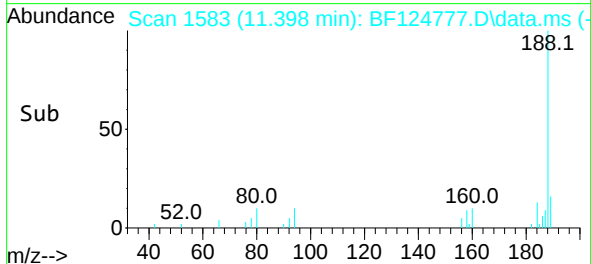
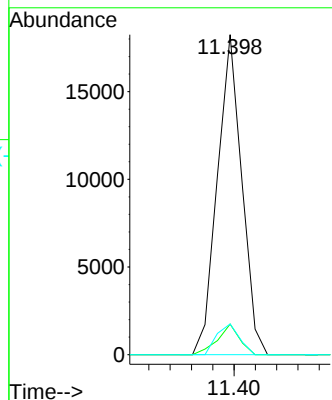
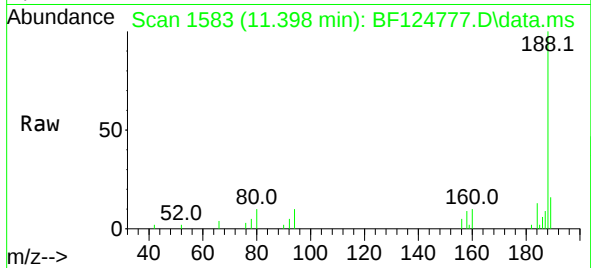




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

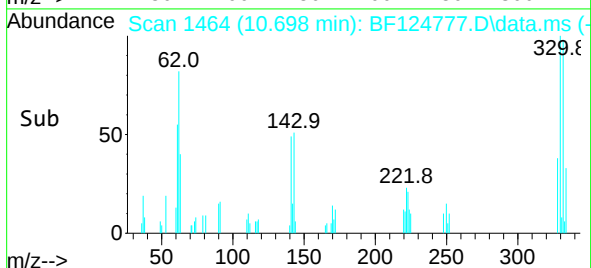
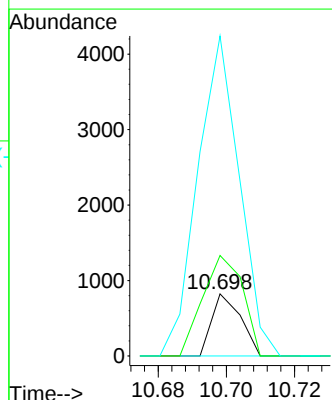
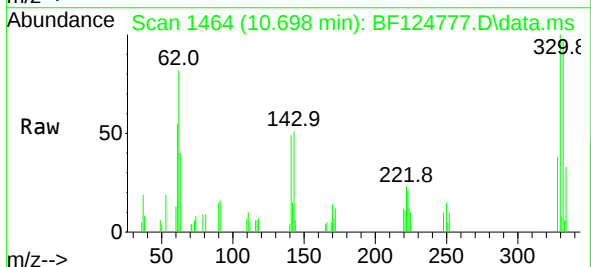
Instrument :
BNA_F
ClientSampleId :
COMP-1

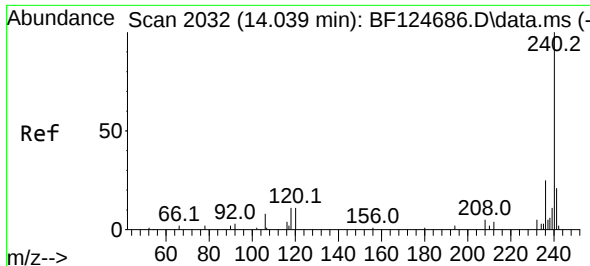
Tgt Ion:188 Resp: 14521
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Tgt Ion:248 Resp: 482
Ion Ratio Lower Upper
248 100
250 161.9 74.2 111.4#
141 515.9 60.4 90.6#

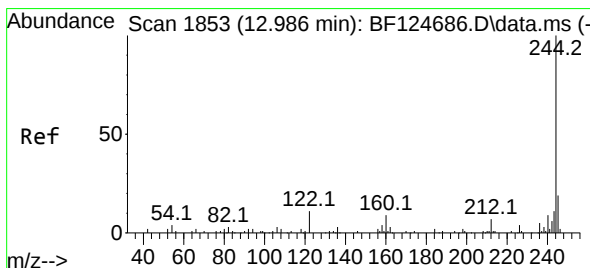
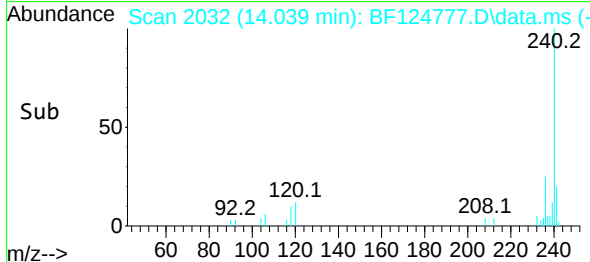
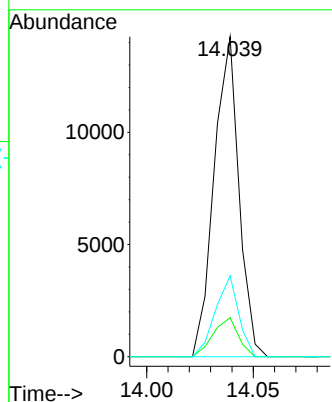
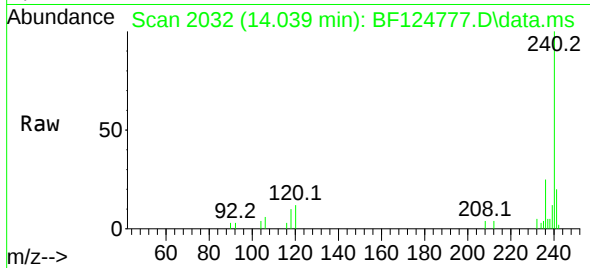




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

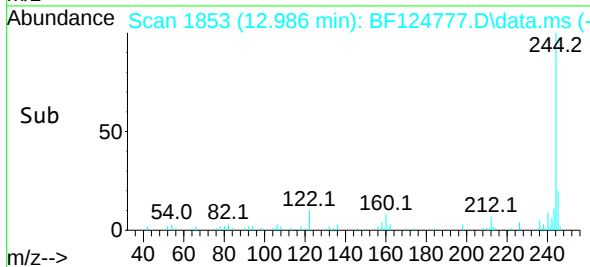
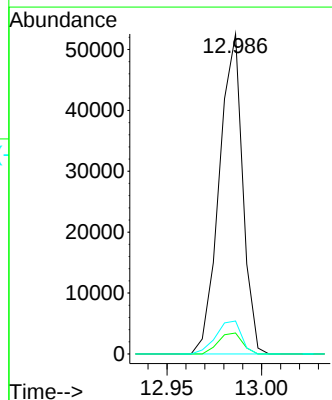
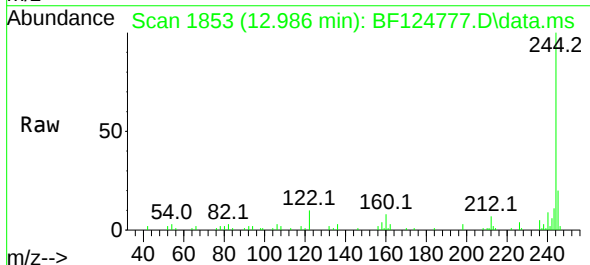
Instrument :
BNA_F
ClientSampleId :
COMP-1

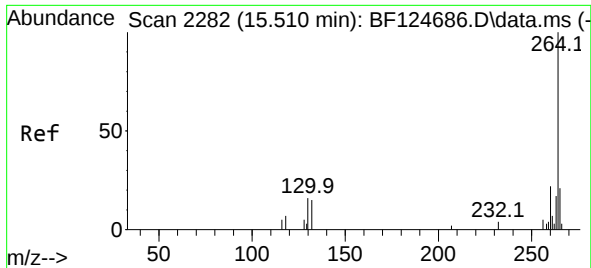
Tgt Ion:240 Resp: 11536
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 66.921 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

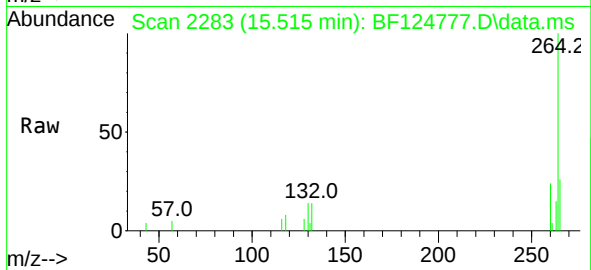
Tgt Ion:244 Resp: 45037
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124777.D
 Acq: 26 Jul 2021 22:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion:264 Resp: 9372
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 26.3 17.2 25.8#

