

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

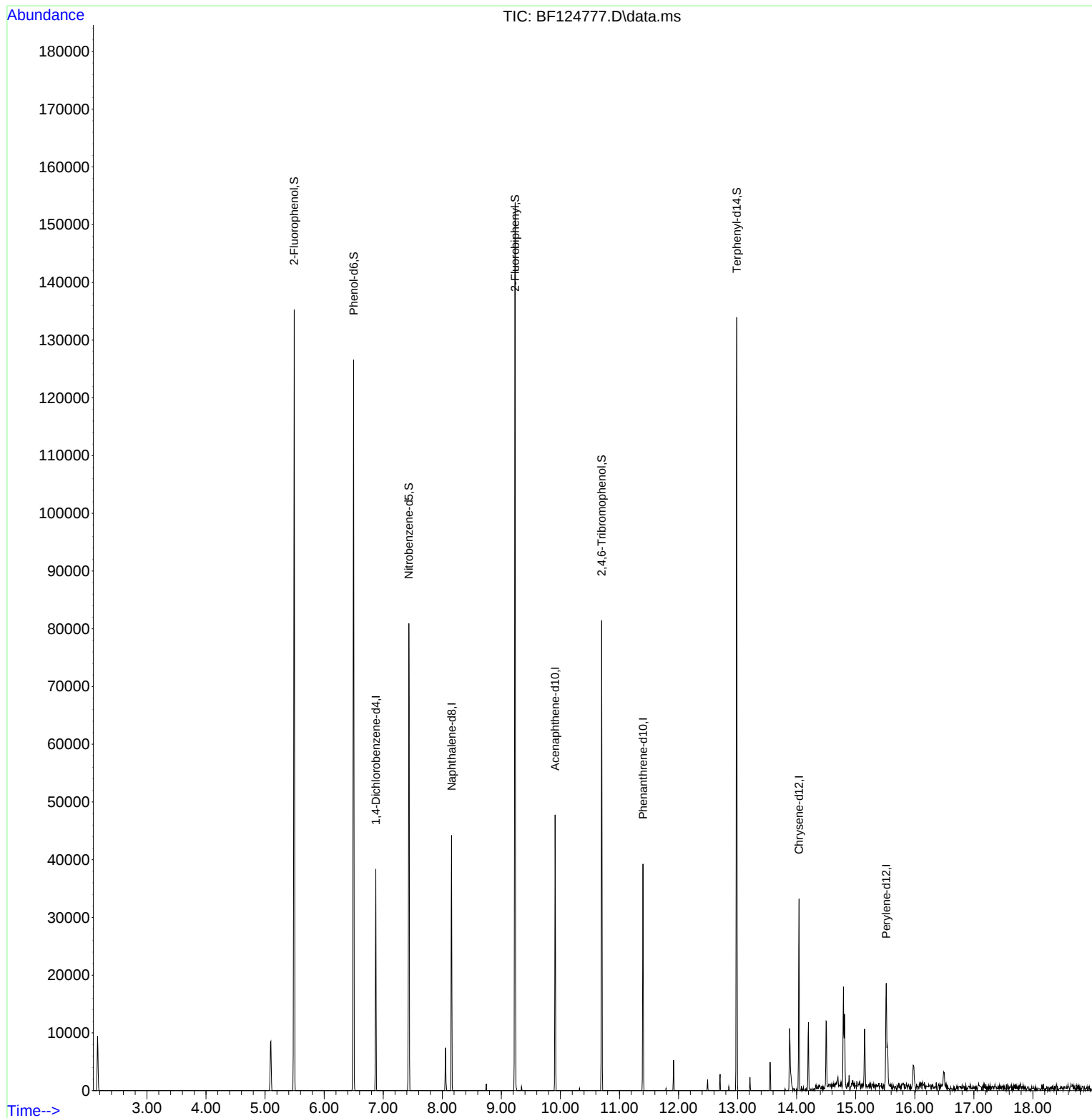
Target Compounds	Qvalue

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

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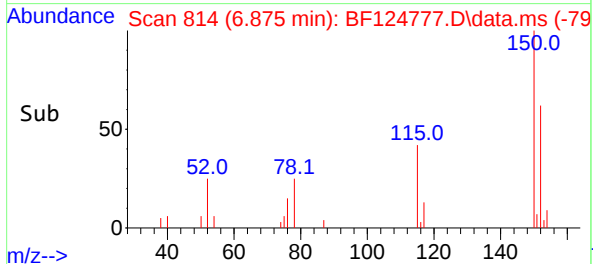
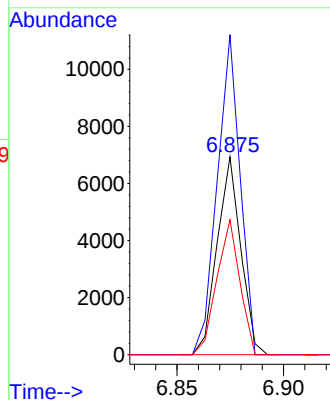
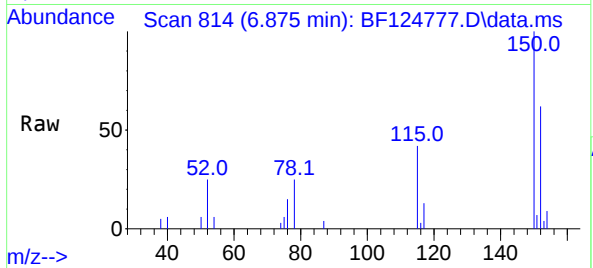




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

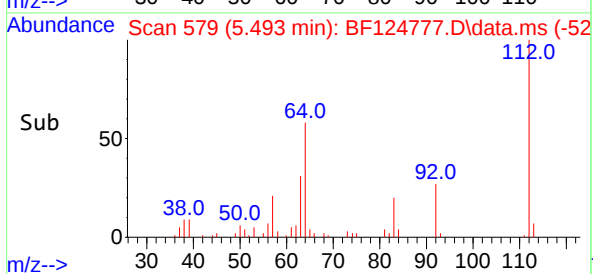
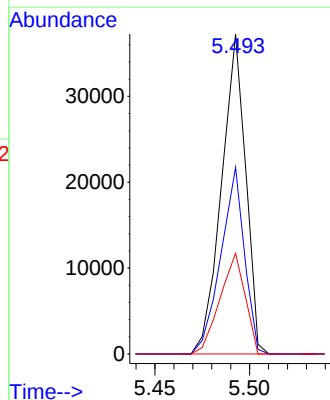
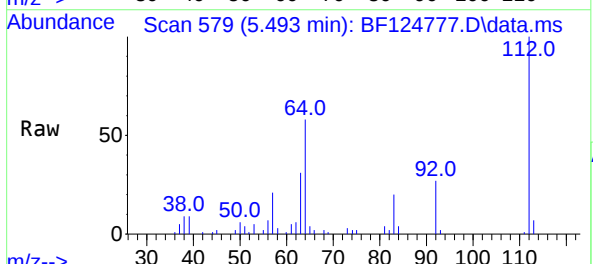
Instrument :
BNA_F
ClientSampleId :
COMP-1

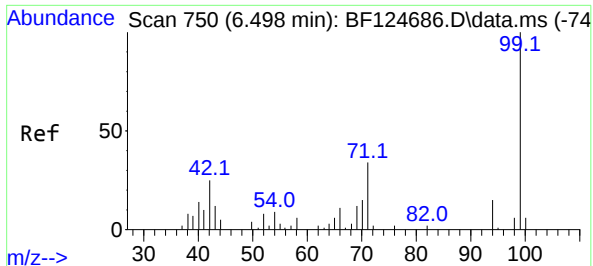
Tgt Ion:152 Resp: 5354
Ion Ratio Lower Upper
152 100
150 161.8 117.6 176.4
115 68.3 47.1 70.7



#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



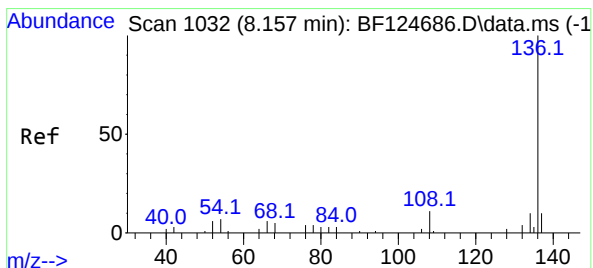
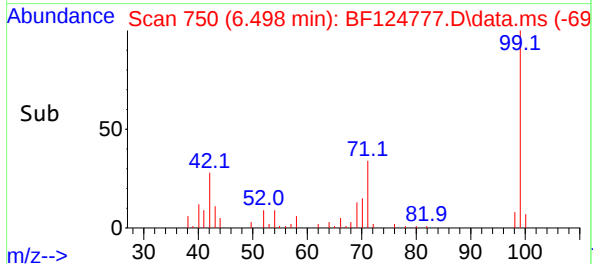
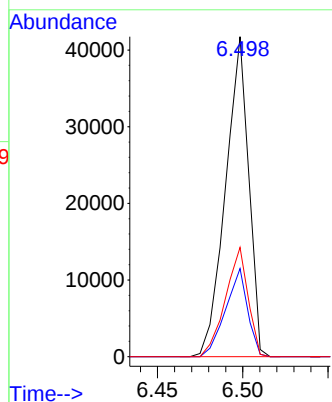
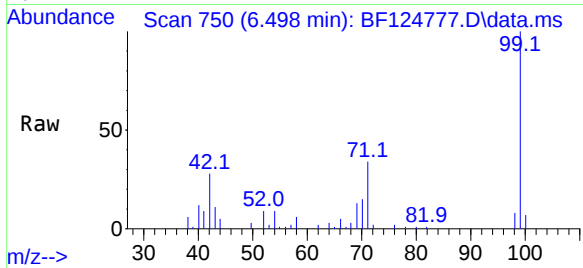


#7
Phenol-d6
Concen: 99.270 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 39353

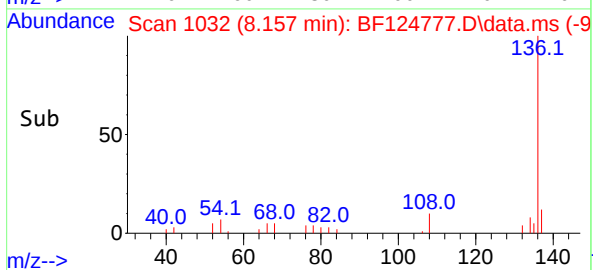
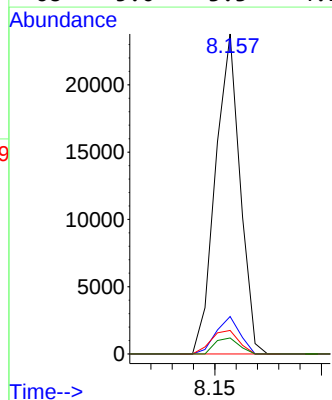
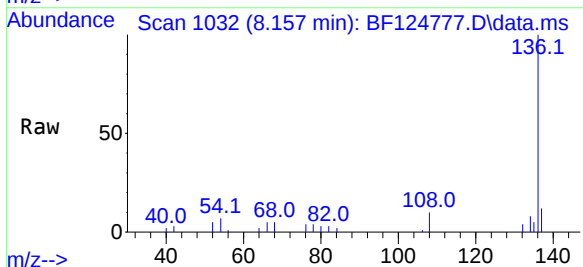
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	34.1	25.6	38.4

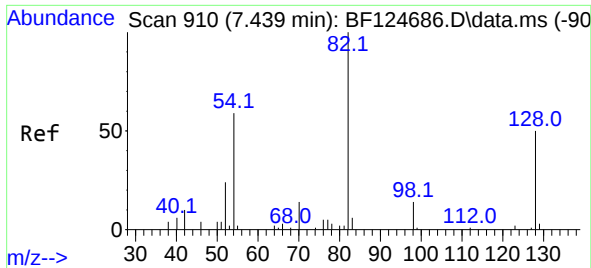


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

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

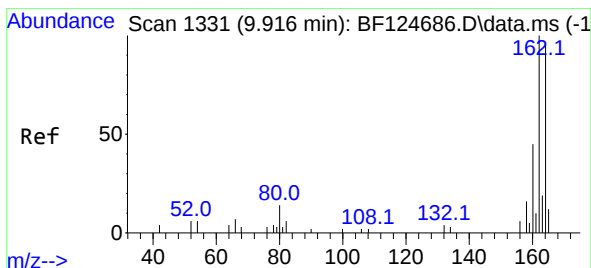
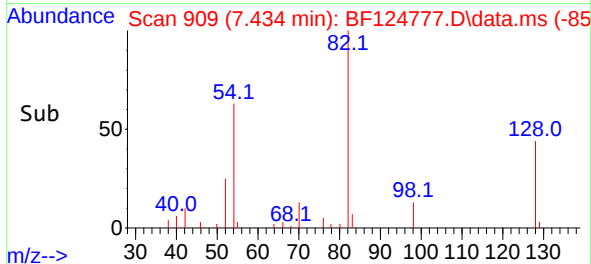
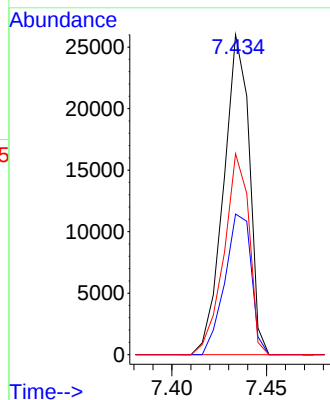
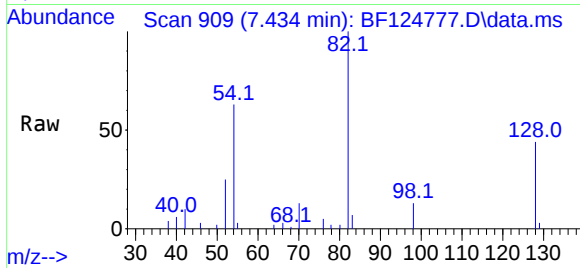
Tgt Ion: 82 Resp: 24525

Ion Ratio Lower Upper

82 100

128 44.0 40.6 60.8

54 62.8 49.6 74.4



#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

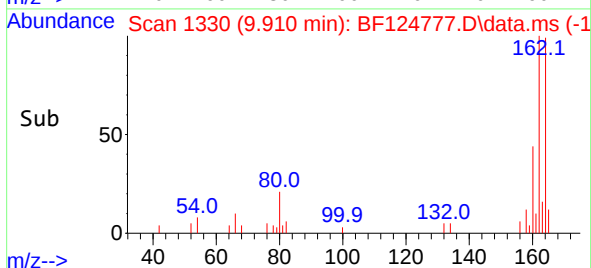
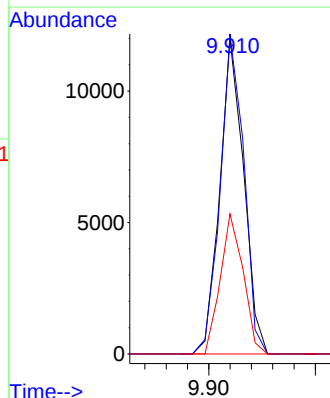
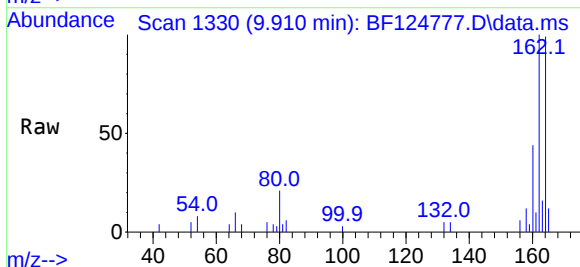
Tgt Ion: 164 Resp: 9355

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 44.3 38.0 57.0

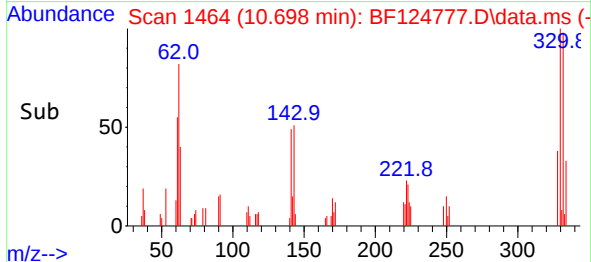
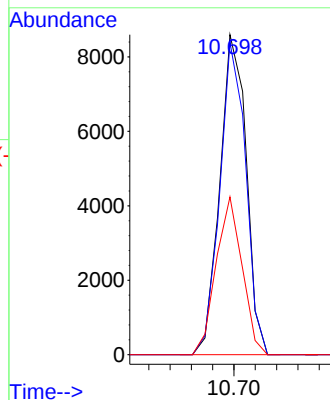
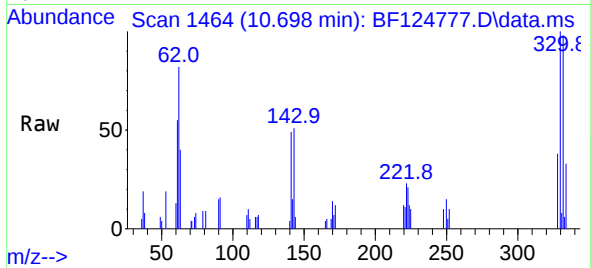




#42
2,4,6-Tribromophenol
Concen: 92.117 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

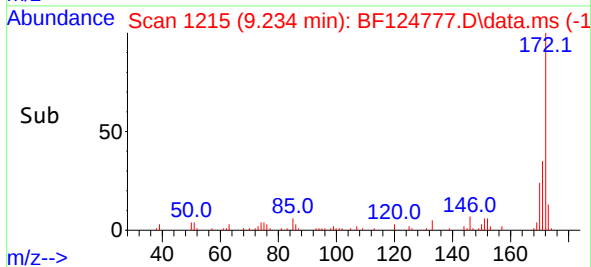
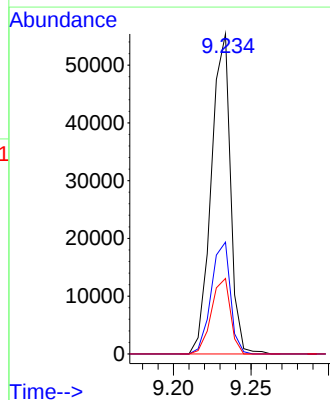
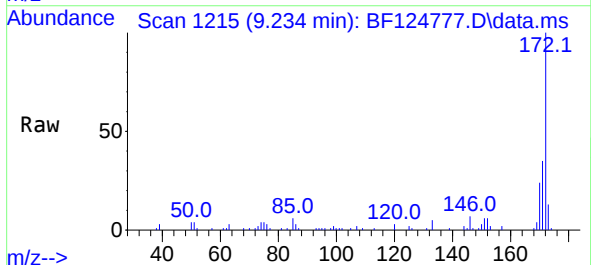
Instrument :
BNA_F
ClientSampleId :
COMP-1

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

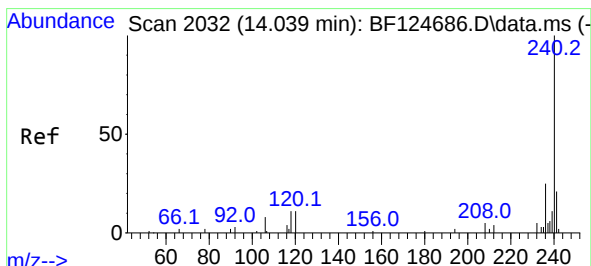
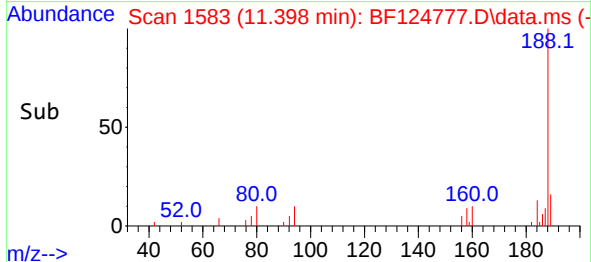
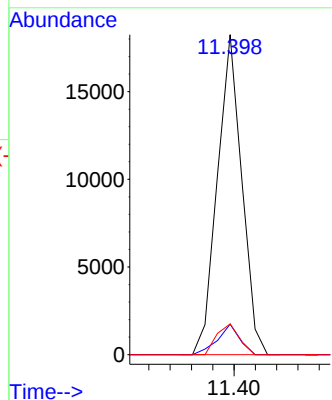
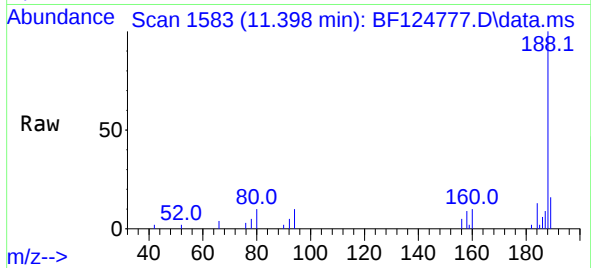




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

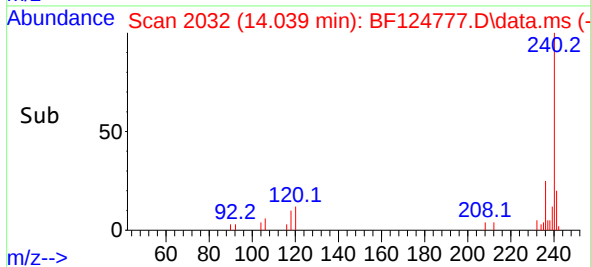
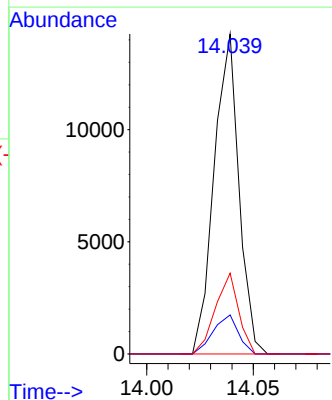
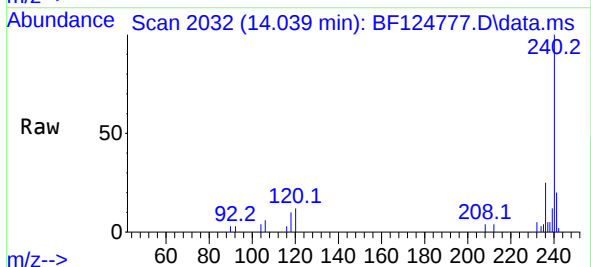
Instrument :
BNA_F
ClientSampled :
COMP-1

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



#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

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

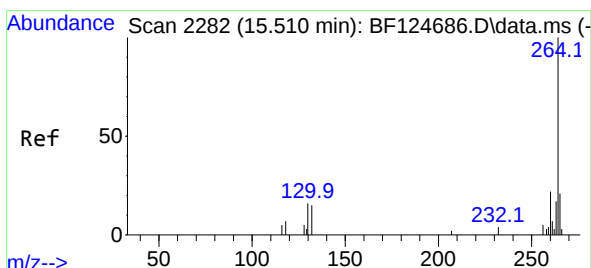
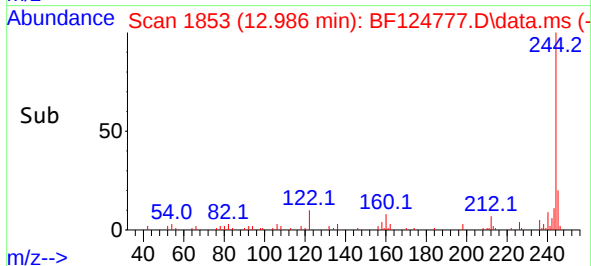
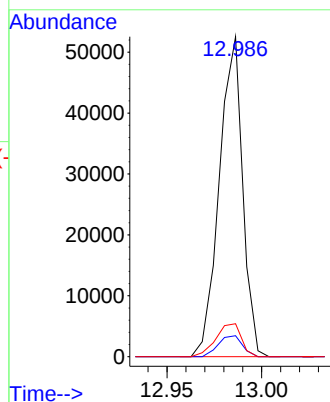
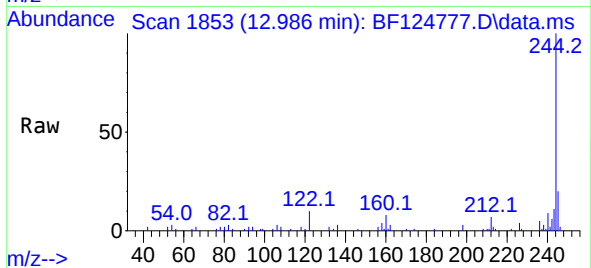




#79
Terphenyl-d14
Concen: 66.921 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124777.D
Acq: 26 Jul 2021 22:05

Instrument :
BNA_F
ClientSampled :
COMP-1

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

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#

