

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124776.D
 Acq On : 26 Jul 2021 21:31
 Operator : JU/CG
 Sample : M3151-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jul 27 04:26:05 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)

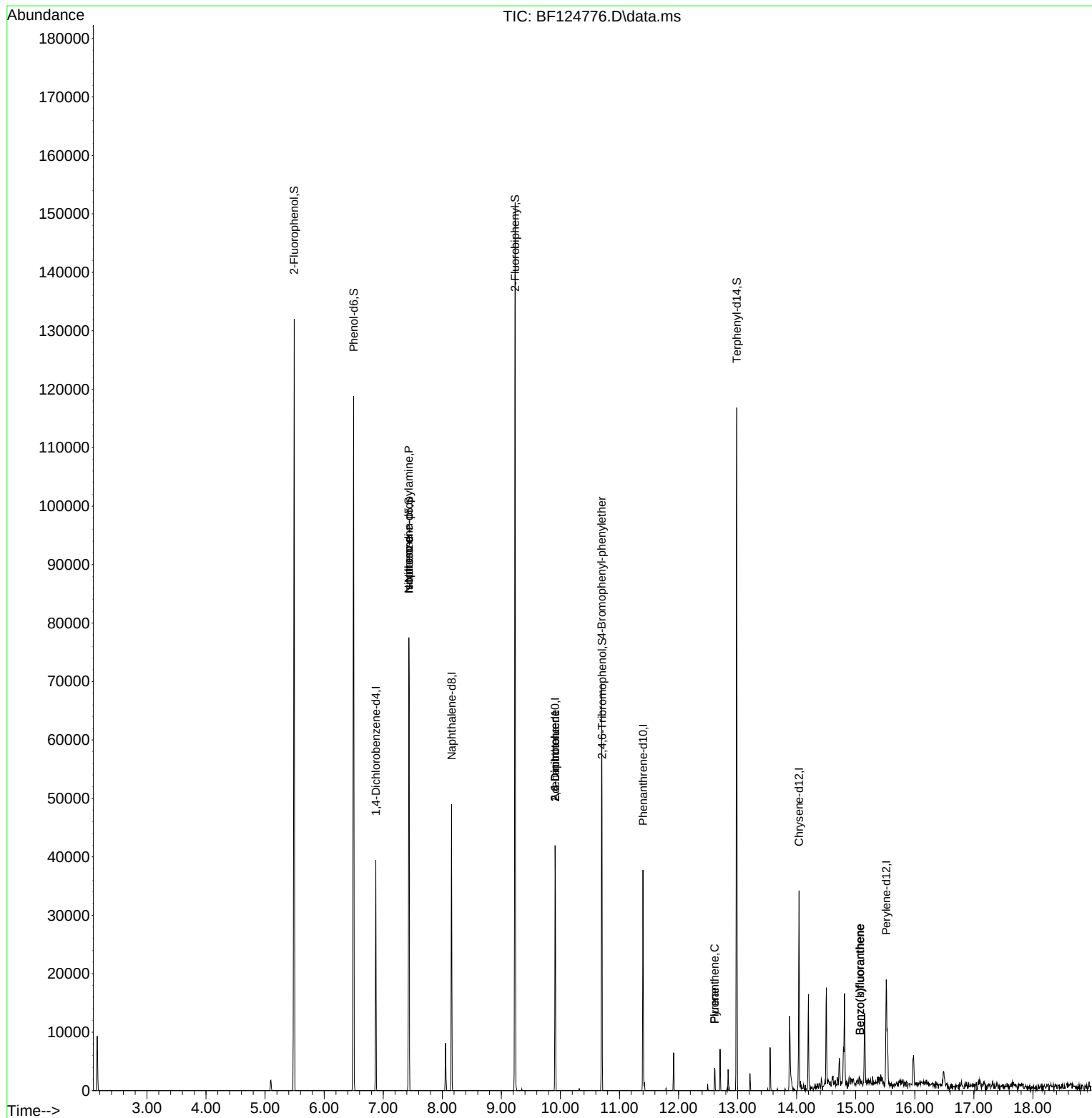
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5258	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	19073	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	9018	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	13225	20.000	ng	0.00
76) Chrysene-d12	14.039	240	12247	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	9171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	32805	105.637	ng	0.01
7) Phenol-d6	6.498	99	37693	96.819	ng	0.00
23) Nitrobenzene-d5	7.434	82	23362	72.902	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	6523	84.246	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	44000	71.662	ng	0.00
79) Terphenyl-d14	12.986	244	38558	53.968	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3276	15.758	ng	# 69
25) Isophorone	7.434	82	23361	41.227	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1087	7.924	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1087	5.839	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	531	3.786	ng	# 1
75) Fluoranthene	12.610	202	2197	3.027	ng	98
78) Pyrene	12.610	202	2197	2.266	ng	99
88) Benzo(b)fluoranthene	15.074	252	1298	2.010	ng	# 60
89) Benzo(k)fluoranthene	15.074	252	1298	2.200	ng	# 60

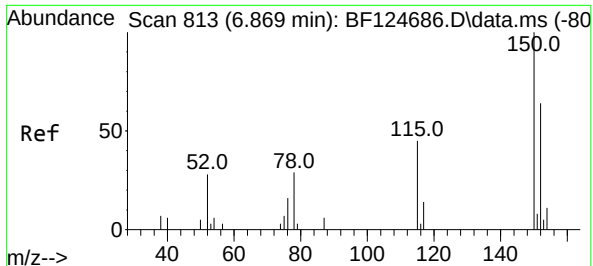
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124776.D
Acq On : 26 Jul 2021 21:31
Operator : JU/CG
Sample : M3151-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Jul 27 04:26:05 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

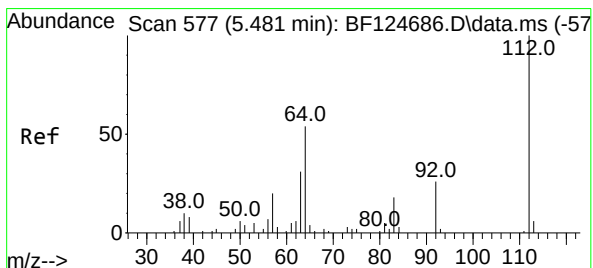
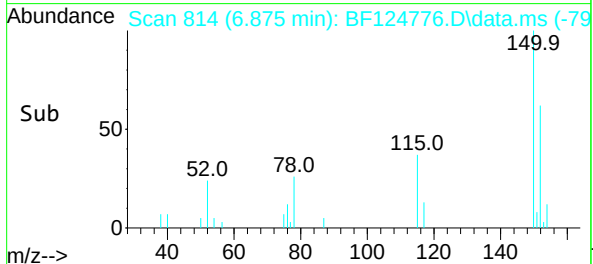
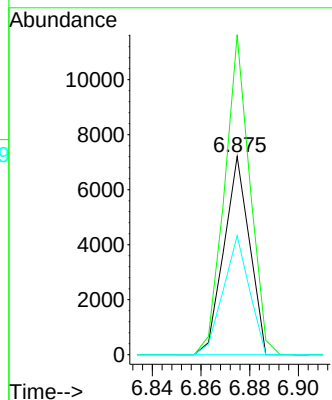
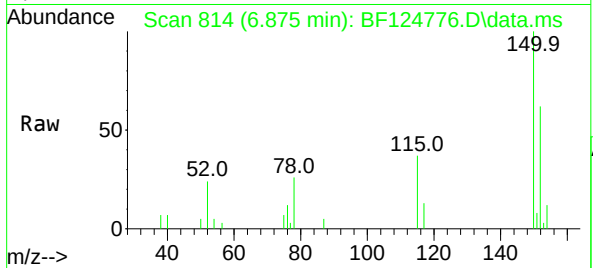




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

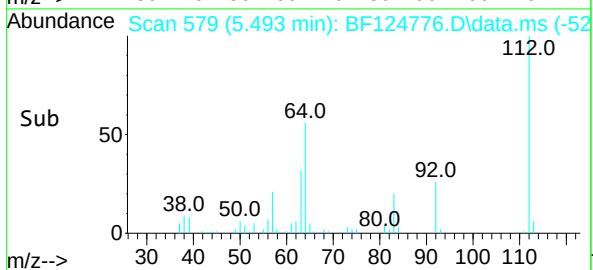
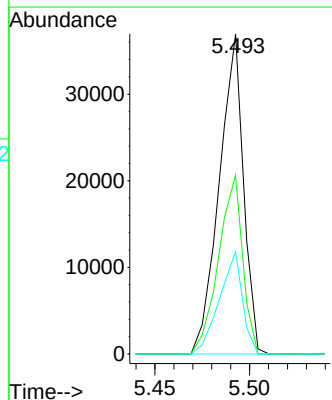
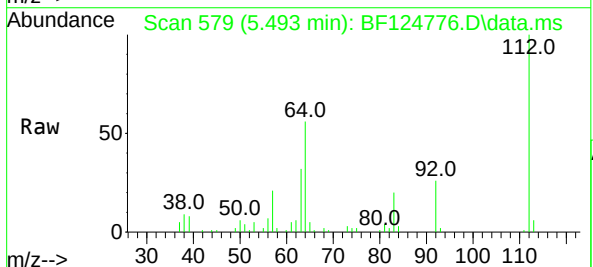
Instrument :
BNA_F
ClientSampleId :
COMP-2

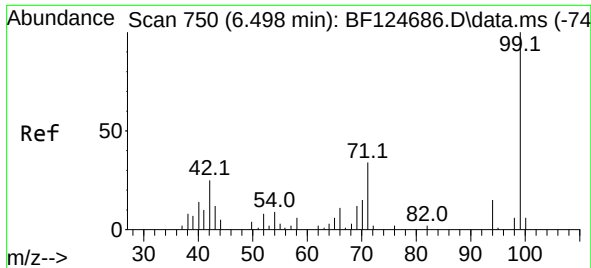
Tgt Ion:152 Resp: 5258
Ion Ratio Lower Upper
152 100
150 161.5 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 105.637 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:112 Resp: 32805
Ion Ratio Lower Upper
112 100
64 55.8 44.2 66.2
63 32.0 26.2 39.2

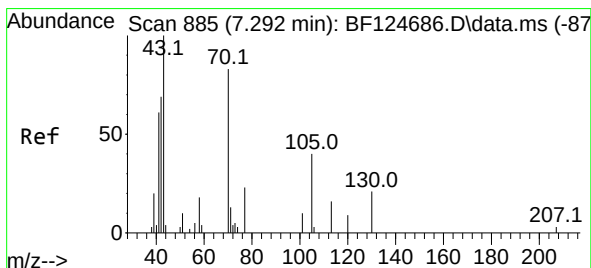
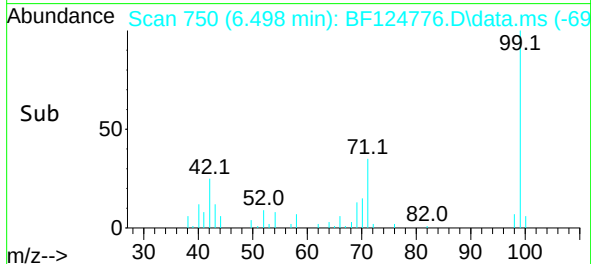
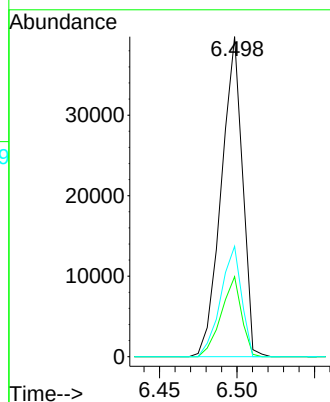
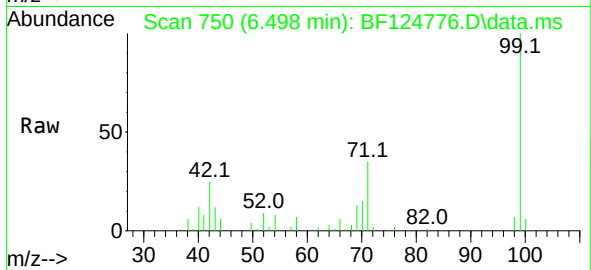




#7
Phenol-d6
Concen: 96.819 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

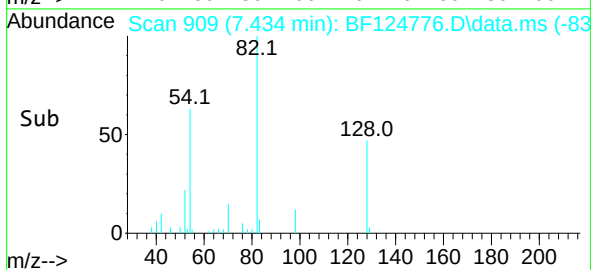
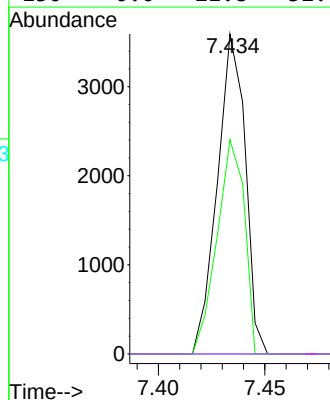
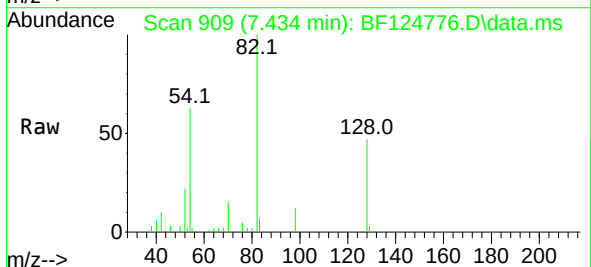
Instrument :
BNA_F
ClientSampleId :
COMP-2

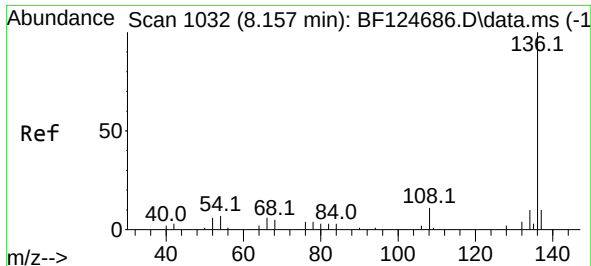
Tgt Ion:	99	Resp:	37693
Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.5	35.3
71	34.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.758 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:	70	Resp:	3276
Ion	Ratio	Lower	Upper
70	100		
42	66.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

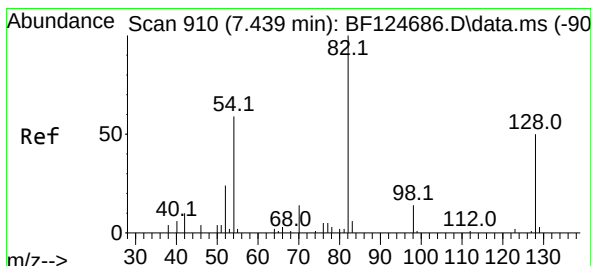
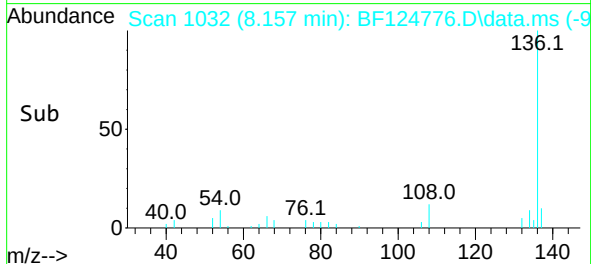
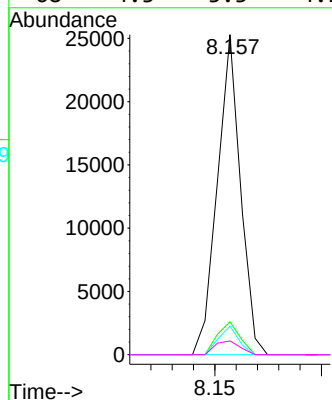
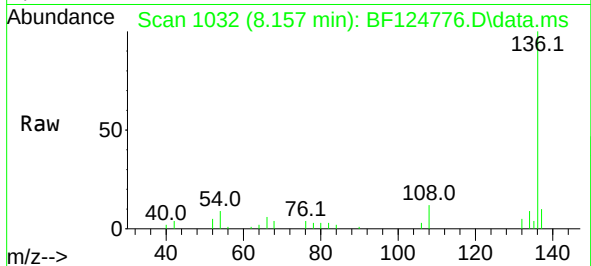




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

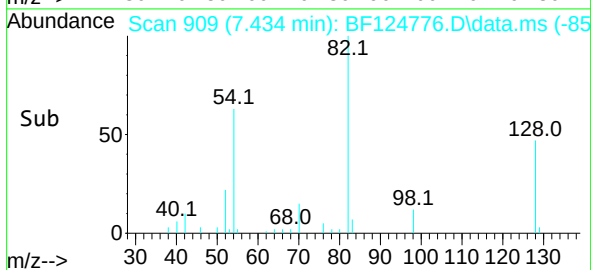
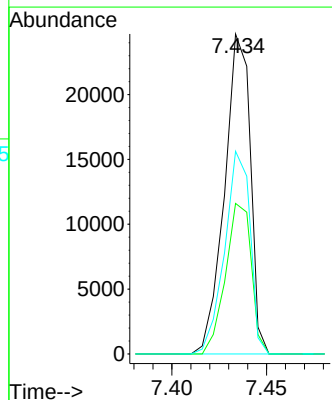
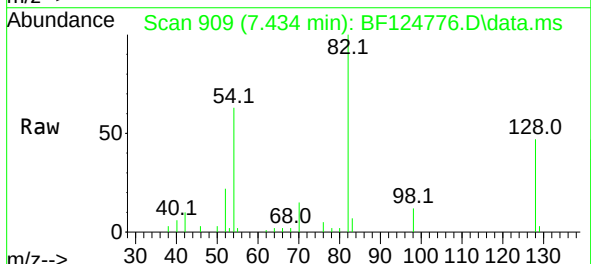
Instrument :
BNA_F
ClientSampleId :
COMP-2

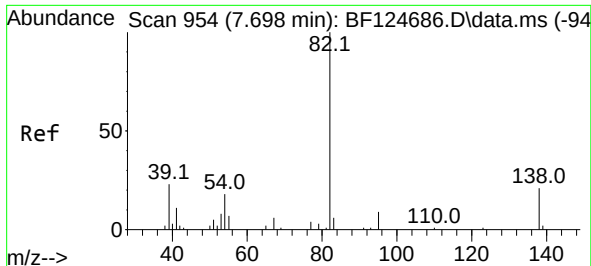
Tgt Ion:	136	Resp:	19073
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.8	14.6
54	8.9	6.4	9.6
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 72.902 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:	82	Resp:	23362
Ion Ratio	Lower	Upper	
82	100		
128	47.0	40.6	60.8
54	63.4	49.6	74.4

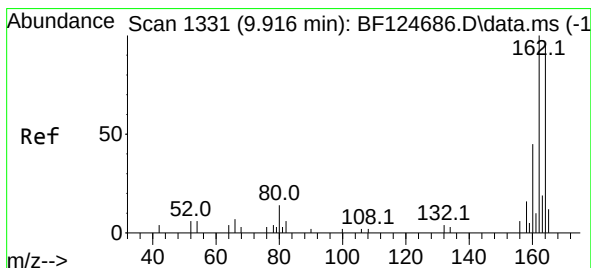
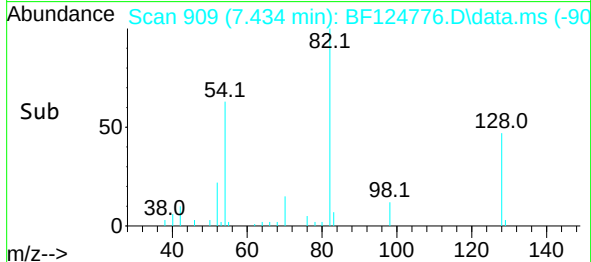
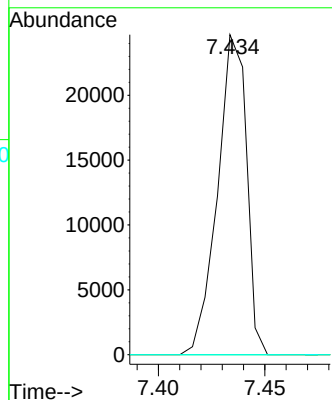
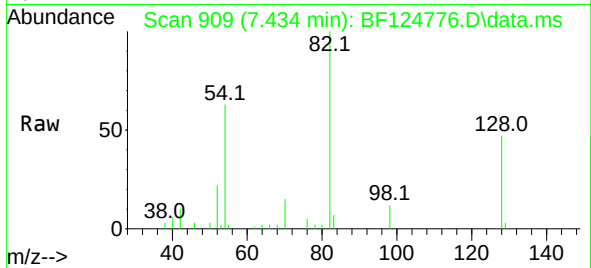




#25
Isophorone
Concen: 41.227 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

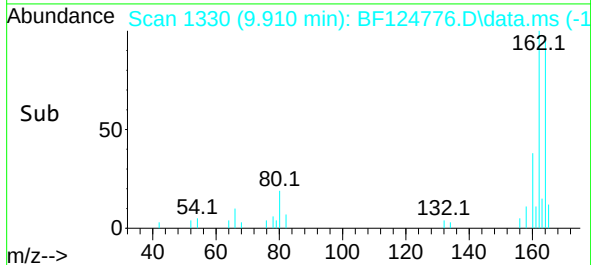
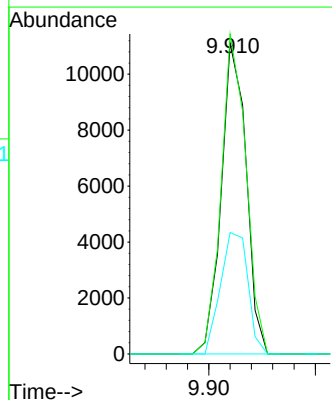
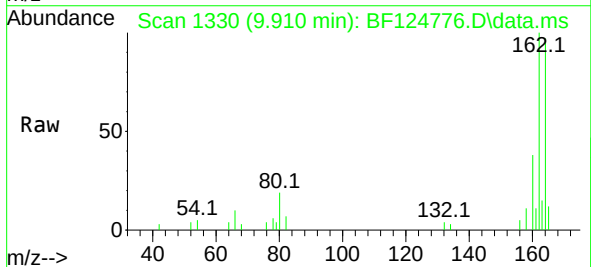
Instrument :
BNA_F
ClientSampleId :
COMP-2

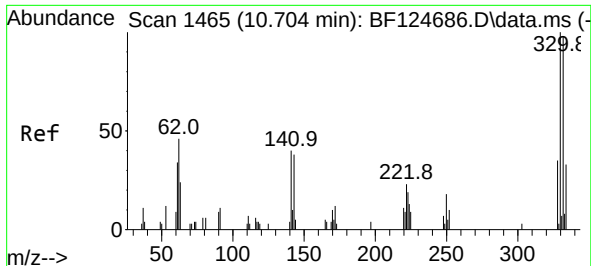
Tgt Ion: 82 Resp: 23361
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion: 164 Resp: 9018
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 39.1 38.0 57.0

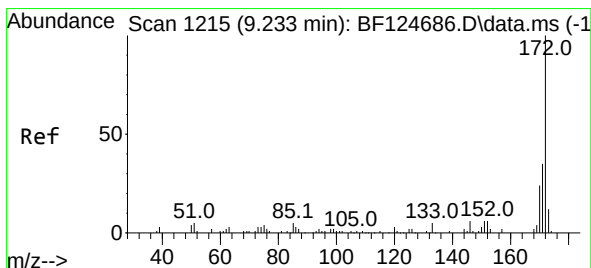
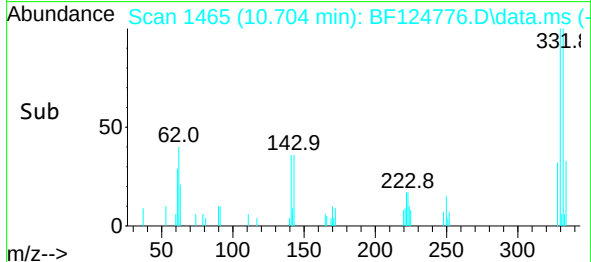
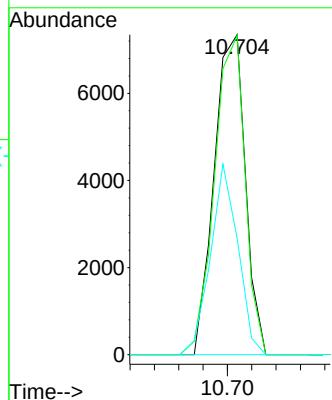
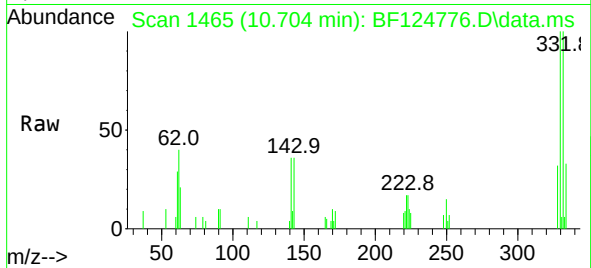




#42
2,4,6-Tribromophenol
Concen: 84.246 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

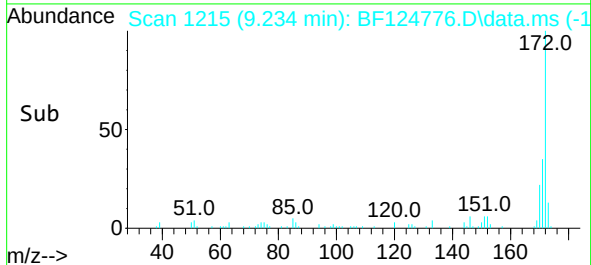
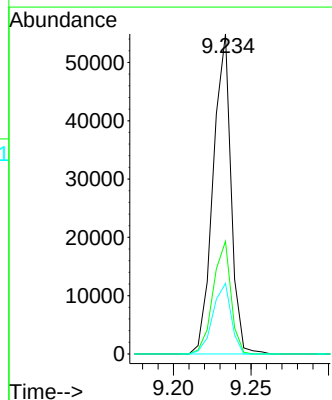
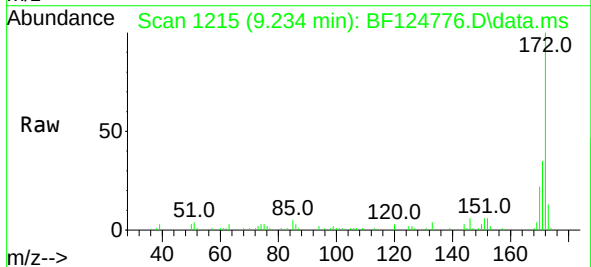
Instrument :
BNA_F
ClientSampleId :
COMP-2

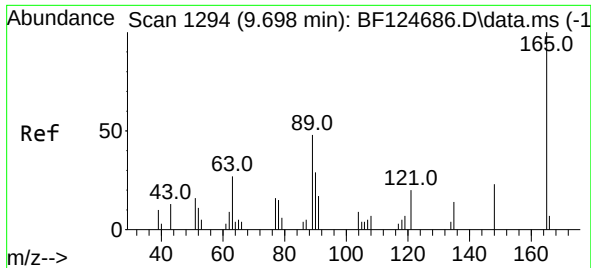
Tgt Ion: 330 Resp: 6523
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 52.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 71.662 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion: 172 Resp: 44000
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 22.1 18.8 28.2

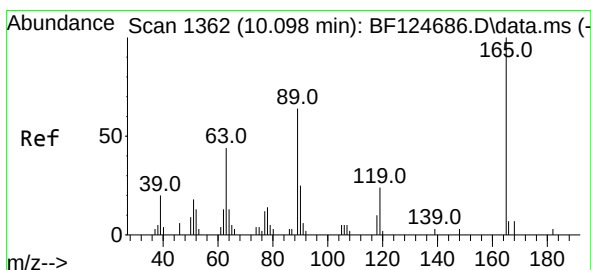
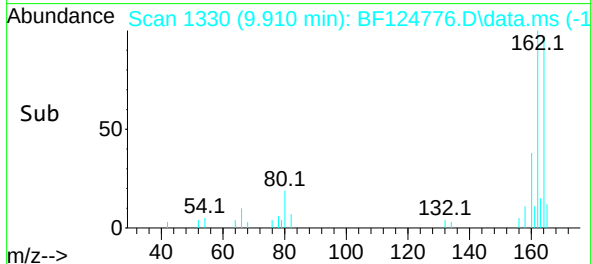
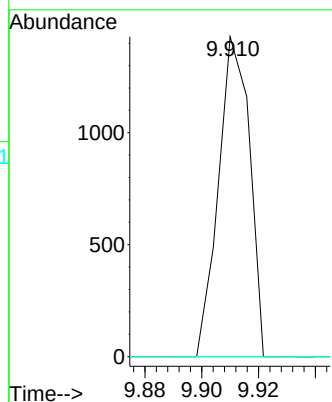
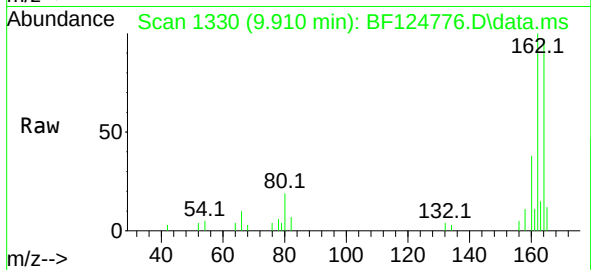




#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

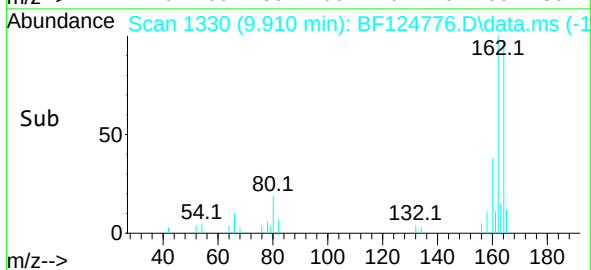
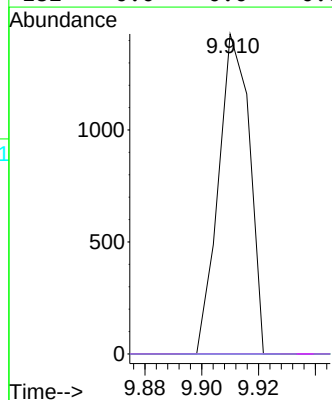
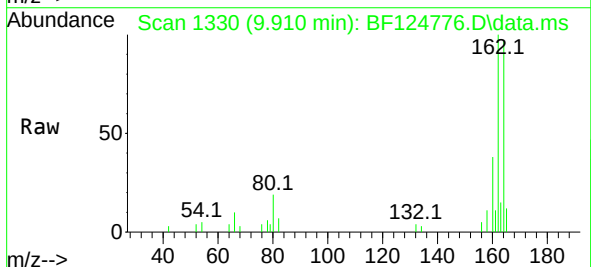
Instrument :
BNA_F
ClientSampleId :
COMP-2

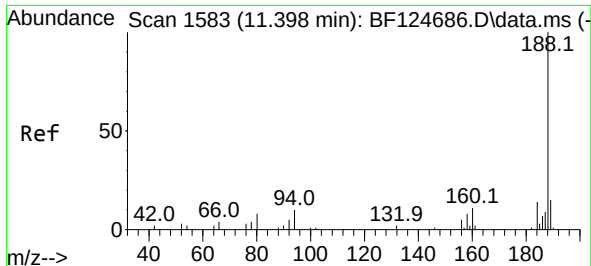
Tgt Ion:165 Resp: 1087
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

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

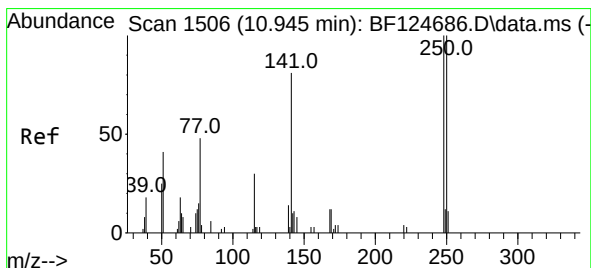
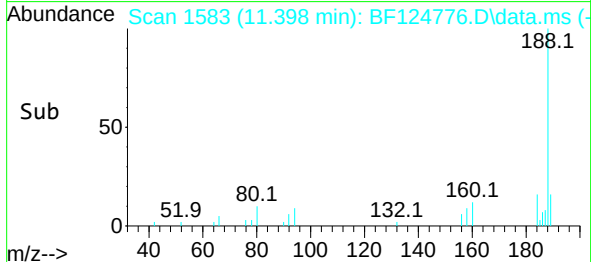
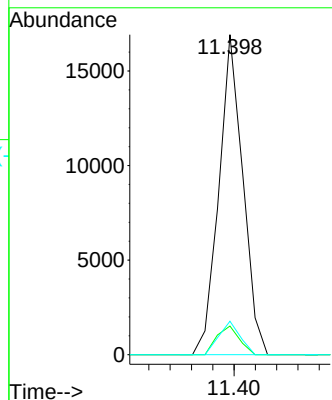
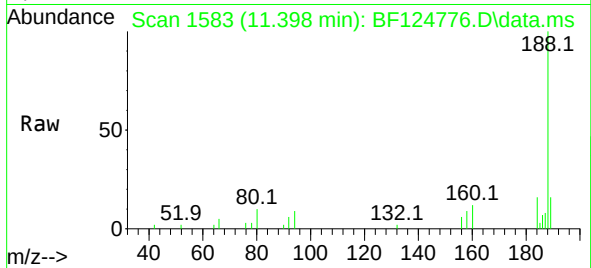




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

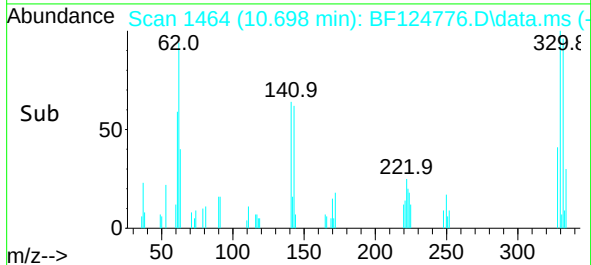
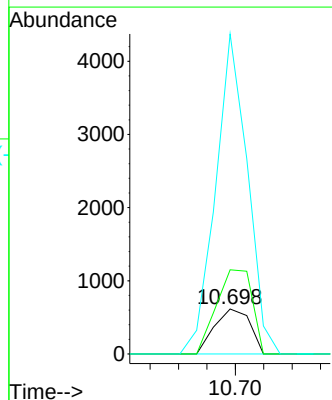
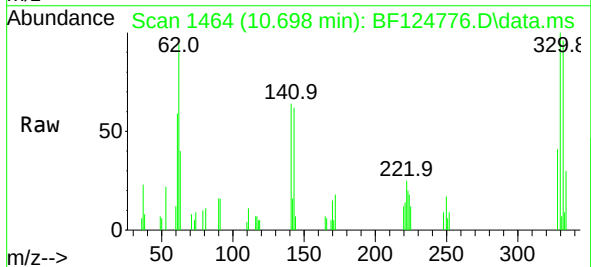
Instrument :
BNA_F
ClientSampleId :
COMP-2

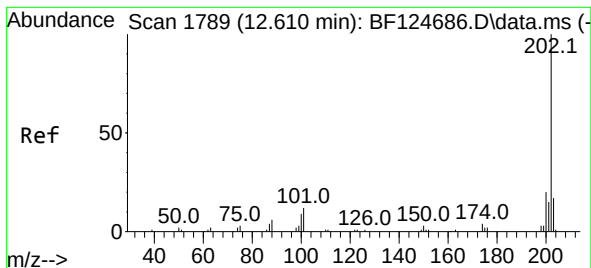
Tgt Ion:188 Resp: 13225
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:248 Resp: 531
Ion Ratio Lower Upper
248 100
250 249.5 74.2 111.4#
141 712.2 60.4 90.6#

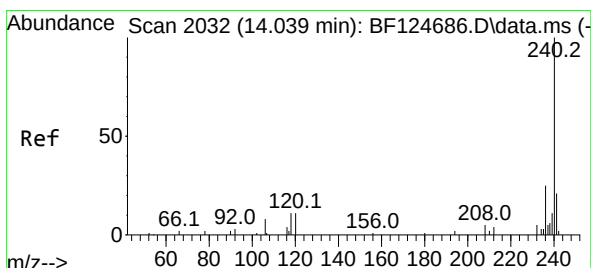
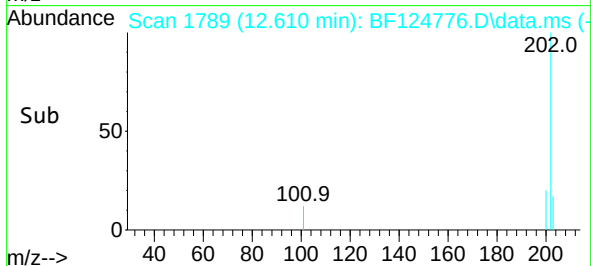
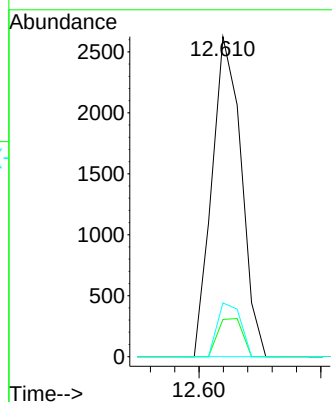
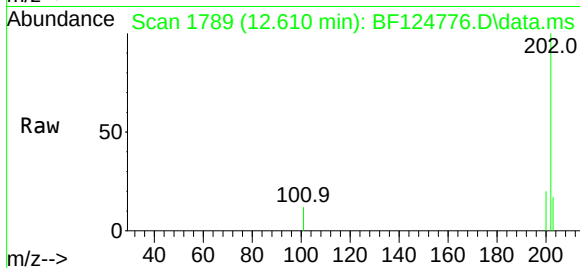




#75
Fluoranthene
Concen: 3.027 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

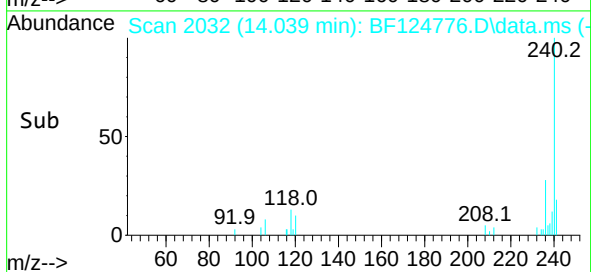
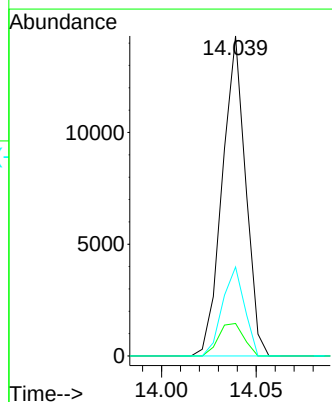
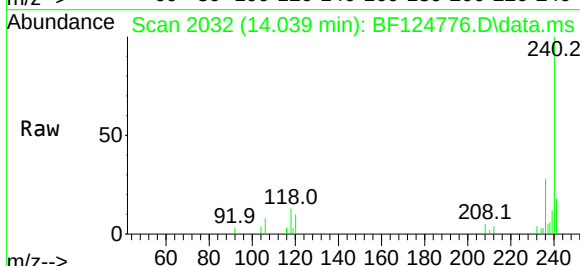
Instrument :
BNA_F
ClientSampled :
COMP-2

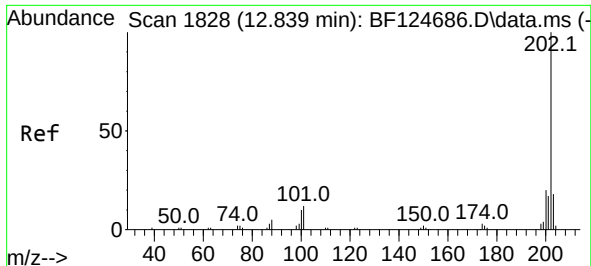
Tgt Ion:	202	Resp:	2197
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.7
203	16.8	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:	240	Resp:	12247
Ion Ratio	Lower	Upper	
240	100		
120	10.1	10.8	16.2#
236	27.8	21.6	32.4

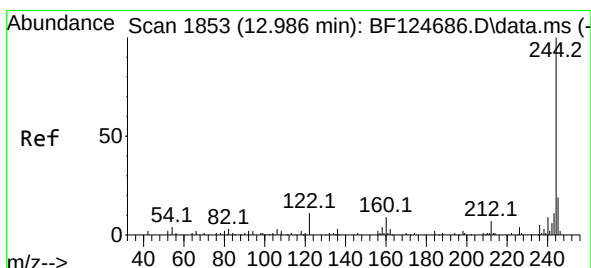
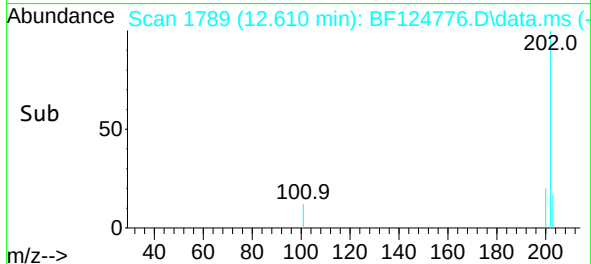
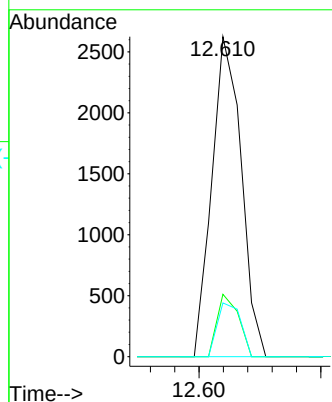
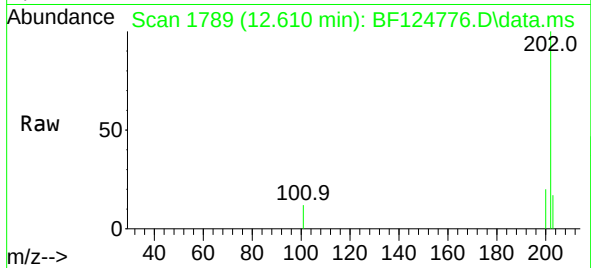




#78
Pyrene
Concen: 2.266 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.229 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

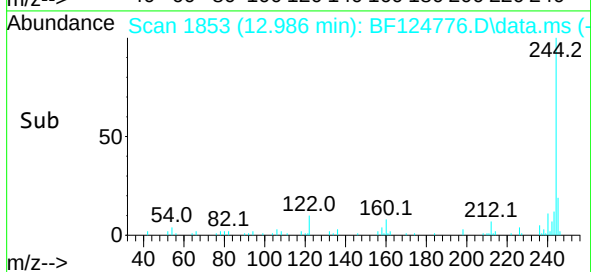
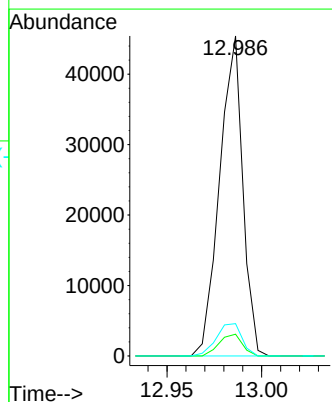
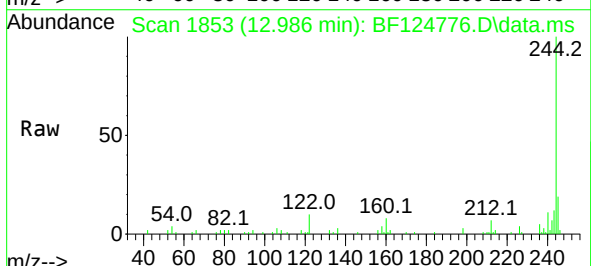
Instrument :
BNA_F
ClientSampleId :
COMP-2

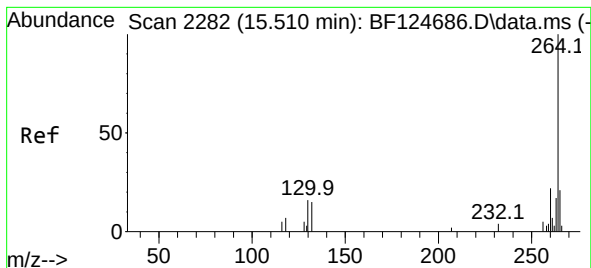
Tgt Ion:	202	Resp:	2197
Ion Ratio	Lower	Upper	
202	100		
200	19.5	15.3	22.9
203	16.8	13.4	20.0



#79
Terphenyl-d14
Concen: 53.968 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

Tgt Ion:	244	Resp:	38558
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	10.1	9.0	13.4

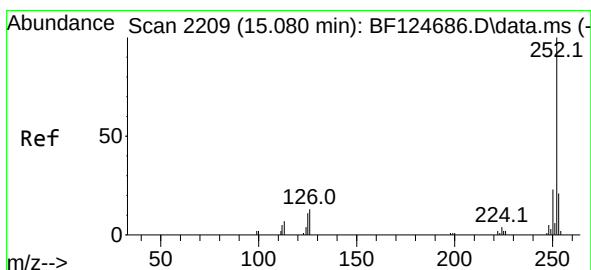
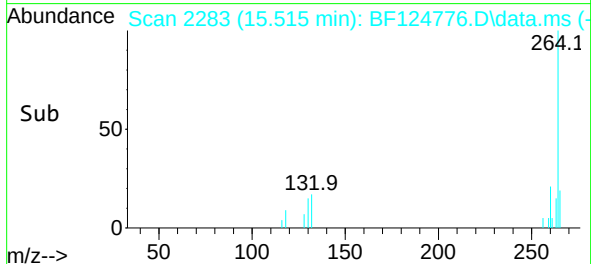
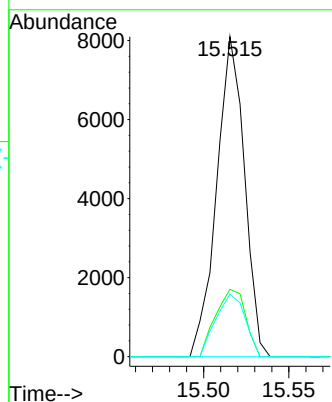
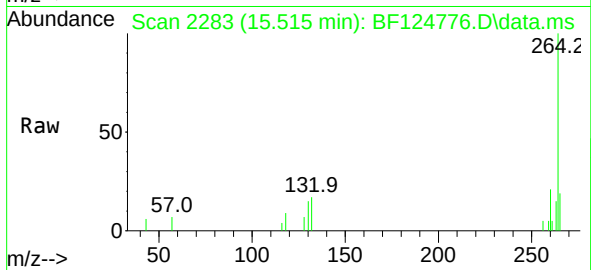




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

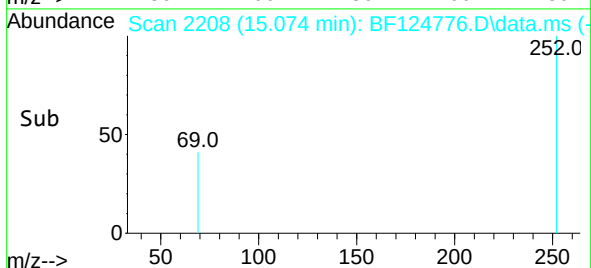
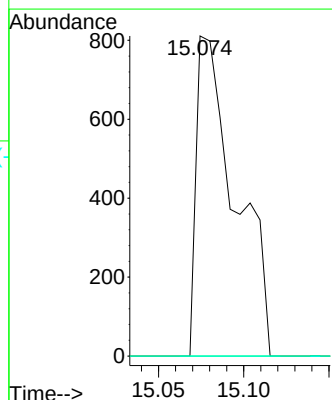
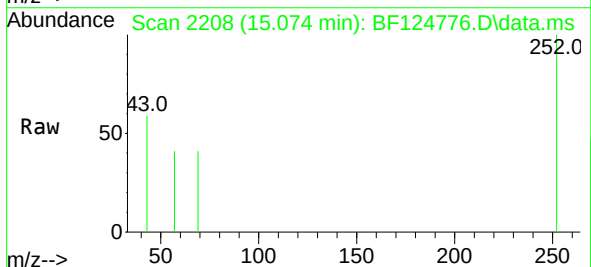
Instrument :
BNA_F
ClientSampleId :
COMP-2

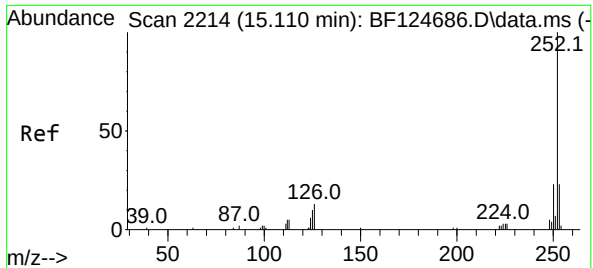
Tgt Ion:264 Resp: 9171
Ion Ratio Lower Upper
264 100
260 21.0 19.6 29.4
265 19.5 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.010 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124776.D
Acq: 26 Jul 2021 21:31

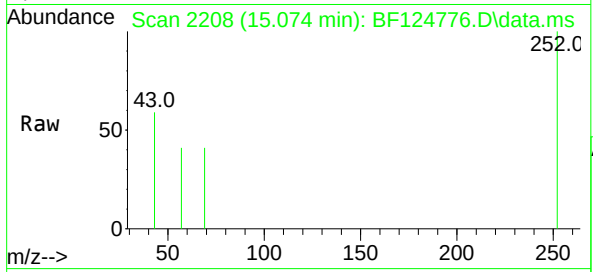
Tgt Ion:252 Resp: 1298
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 0.0 9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.200 ng
 RT: 15.074 min Scan# 2208
 Delta R.T. -0.035 min
 Lab File: BF124776.D
 Acq: 26 Jul 2021 21:31

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion: 252 Resp: 1298

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	7.2	10.8#

