

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124880.D
 Acq On : 30 Jul 2021 17:19
 Operator : JU/CG
 Sample : M3229-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-A-E

Quant Time: Jul 30 17:42:57 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)

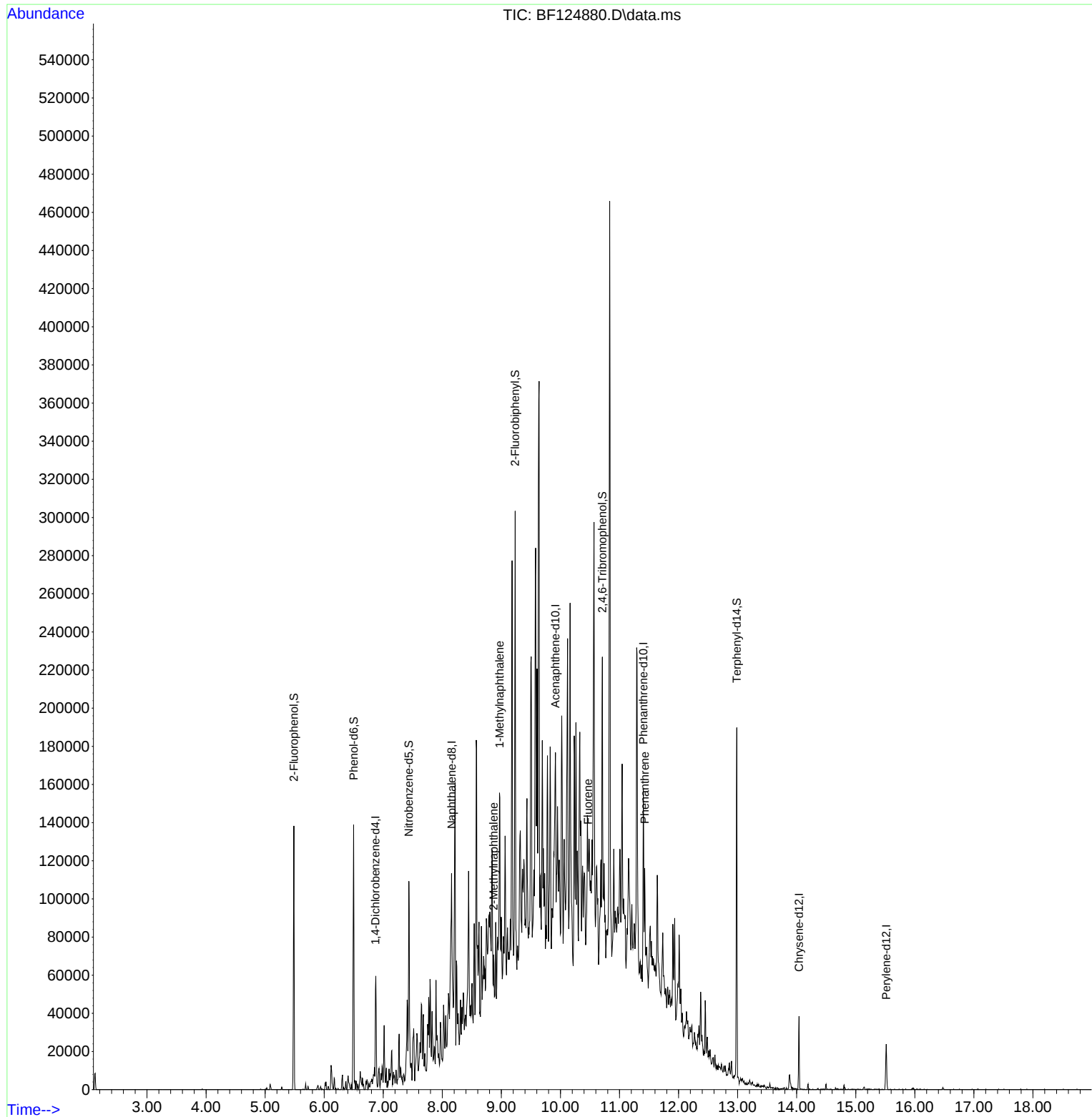
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6269	20.000	ng	# 0.00
21) Naphthalene-d8	8.157	136	26493	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	16093	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	26927	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	14379	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	12982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34130	92.180	ng	0.00
7) Phenol-d6	6.498	99	42369	91.279	ng	0.00
23) Nitrobenzene-d5	7.434	82	29497	66.266	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	12624	91.363	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	60681	55.381	ng	0.00
79) Terphenyl-d14	12.986	244	59942	71.458	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.869	142	5745	6.219	ng	92
38) 1-Methylnaphthalene	8.969	142	24855	28.401	ng	100
58) Fluorene	10.469	166	6263	5.877	ng	# 90
71) Phenanthrene	11.427	178	15755	10.879	ng	# 95

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

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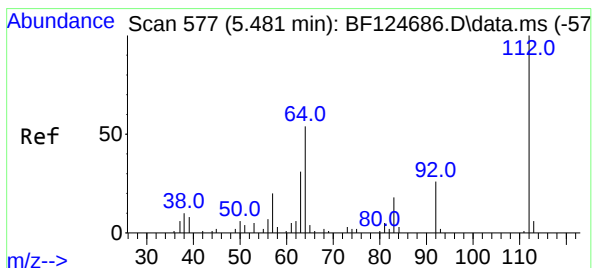
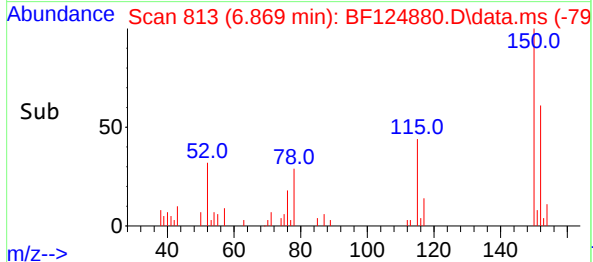
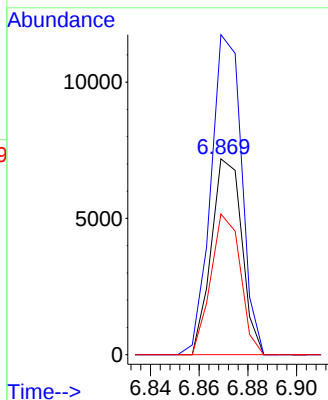
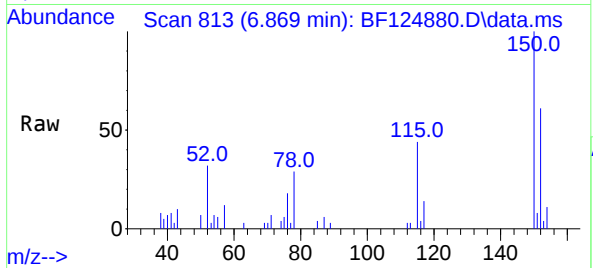




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

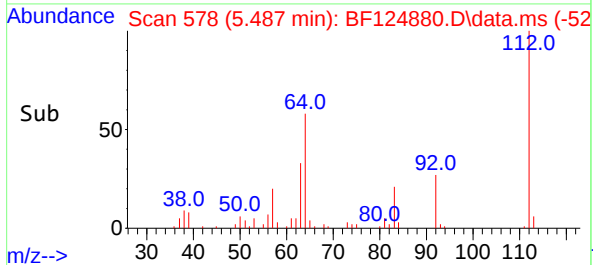
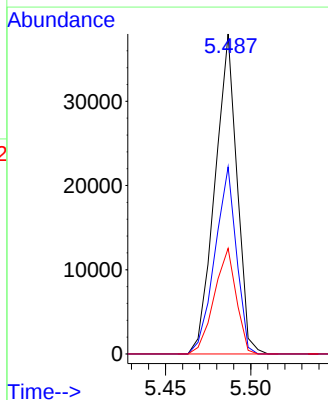
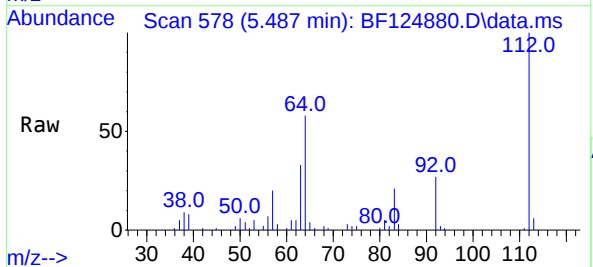
Instrument :
BNA_F
ClientSampleId :
SOLID-A-E

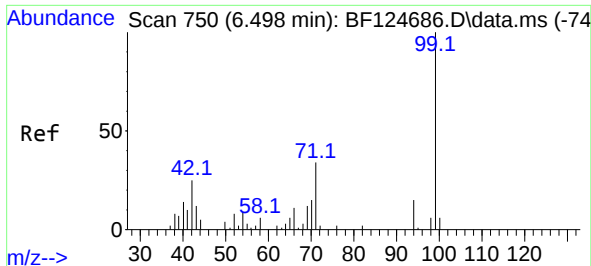
Tgt Ion:152 Resp: 6269
Ion Ratio Lower Upper
152 100
150 163.4 117.6 176.4
115 71.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 92.180 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

Tgt Ion:112 Resp: 34130
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.0 26.2 39.2

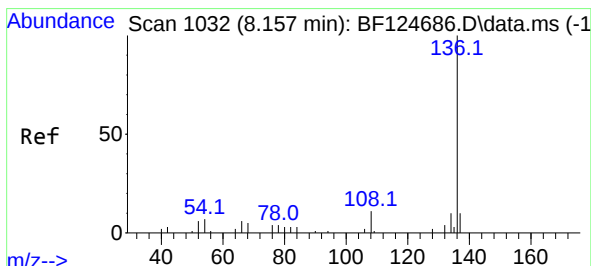
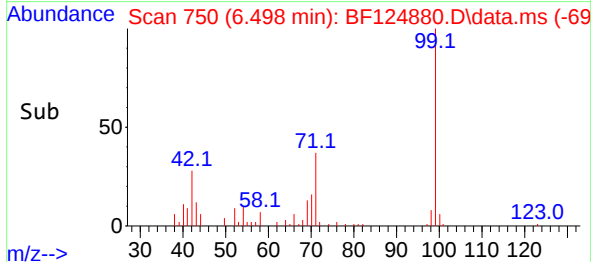
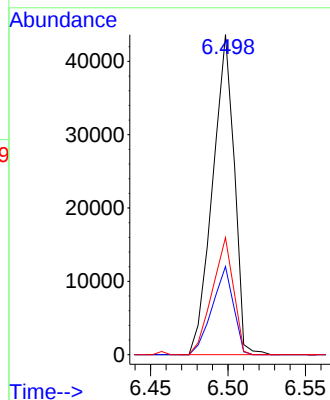
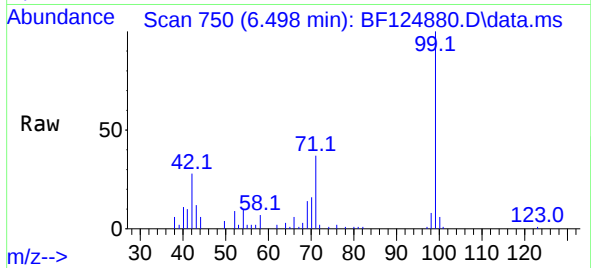




#7
Phenol-d6
Concen: 91.279 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

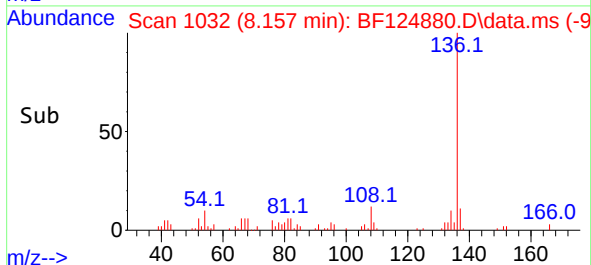
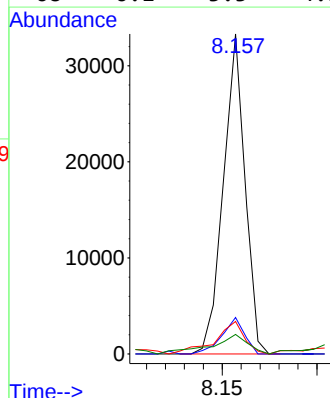
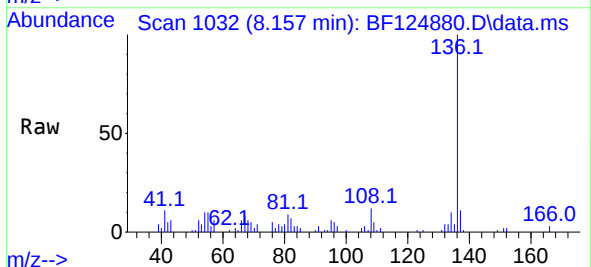
Instrument :
BNA_F
ClientSampleId :
SOLID-A-E

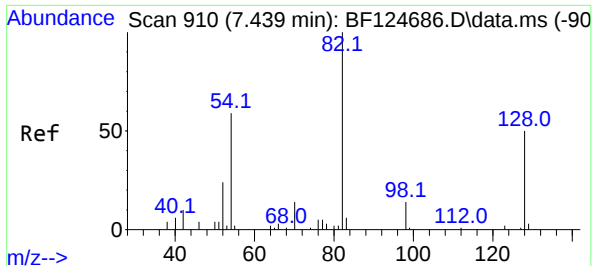
Tgt Ion:	99	Resp:	42369
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	36.6	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

Tgt Ion:	136	Resp:	26493
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	10.1	6.4	9.6#
68	6.1	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 66.266 ng

RT: 7.434 min Scan# 909

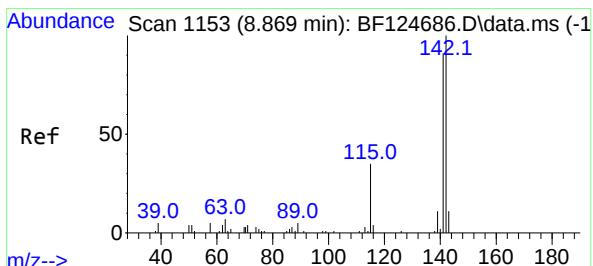
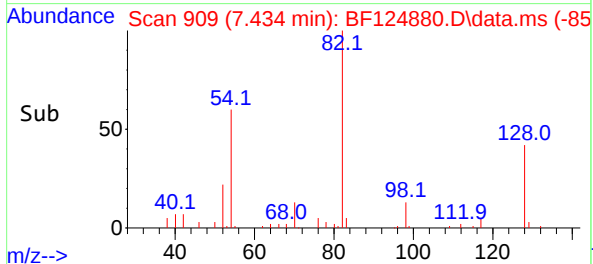
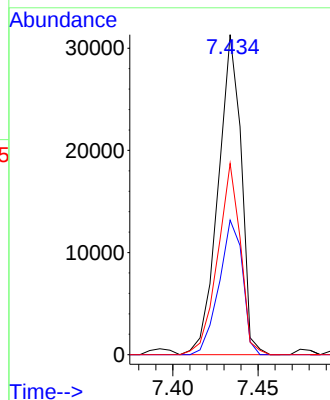
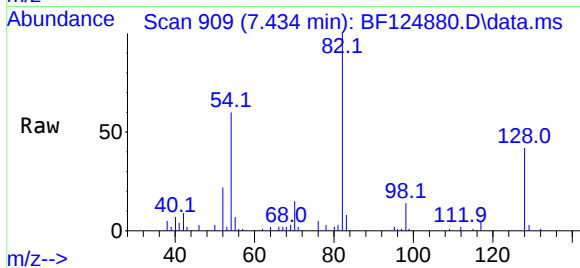
Delta R.T. -0.006 min

Lab File: BF124880.D

Acq: 30 Jul 2021 17:19

Tgt Ion: 82 Resp: 29497

Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	60.8
54	59.8	49.6	74.4



#37

2-Methylnaphthalene

Concen: 6.219 ng

RT: 8.869 min Scan# 1153

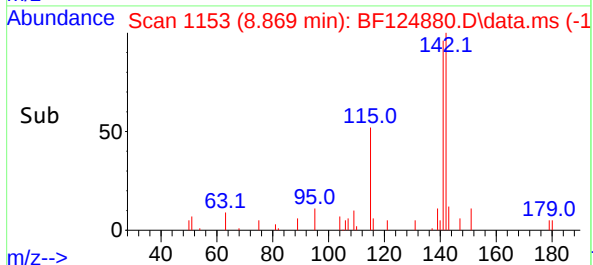
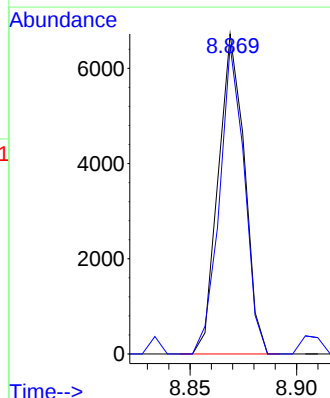
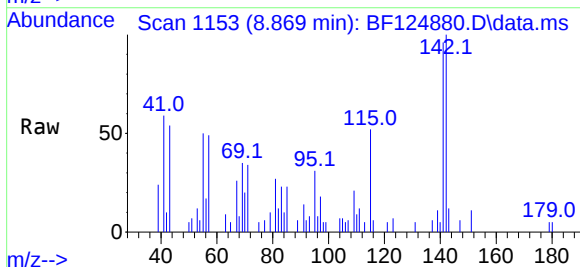
Delta R.T. -0.000 min

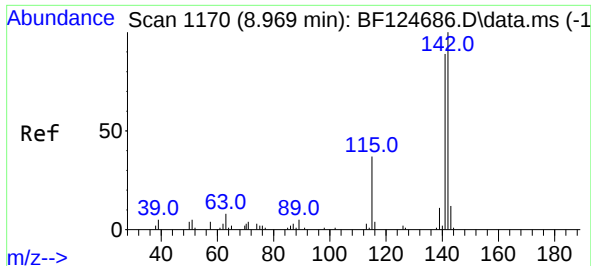
Lab File: BF124880.D

Acq: 30 Jul 2021 17:19

Tgt Ion: 142 Resp: 5745

Ion	Ratio	Lower	Upper
142	100		
141	96.4	71.2	106.8

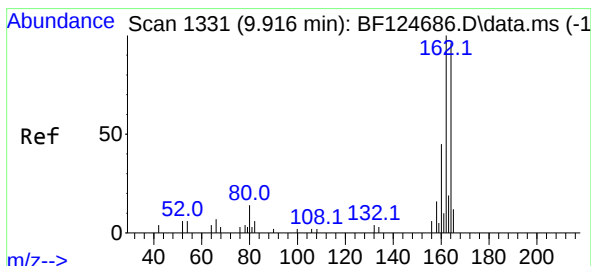
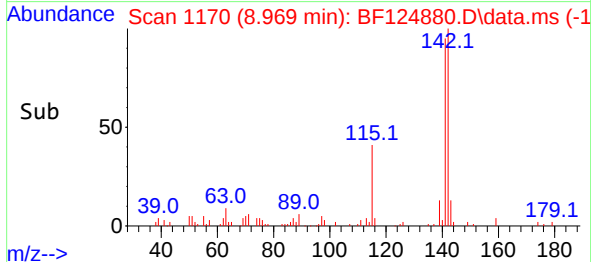
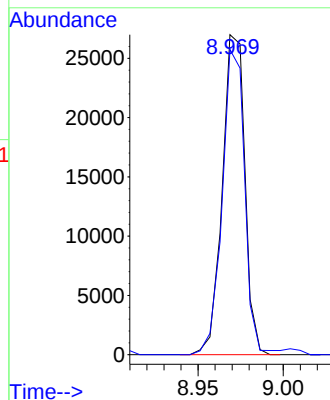
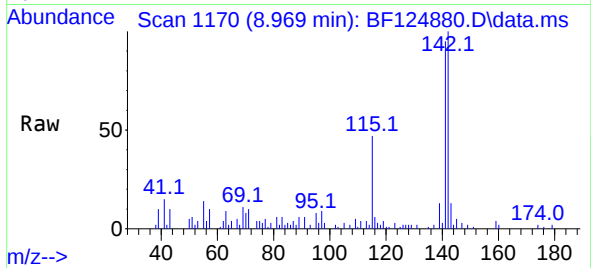




#38
1-Methylnaphthalene
Concen: 28.401 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

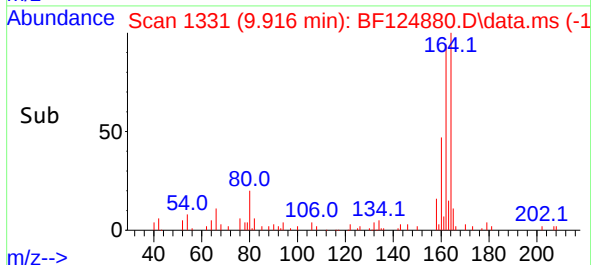
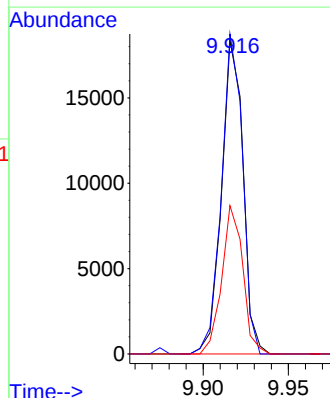
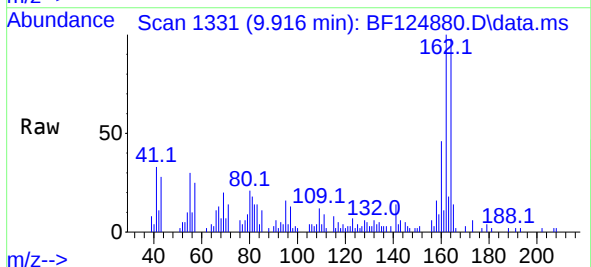
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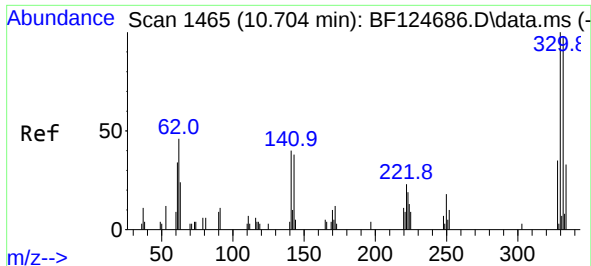
Tgt Ion:142 Resp: 24855
Ion Ratio Lower Upper
142 100
141 95.4 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

Tgt Ion:164 Resp: 16093
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 47.3 38.0 57.0

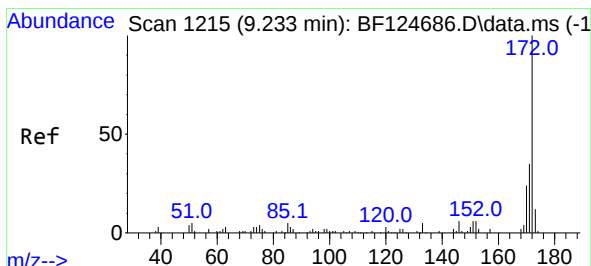
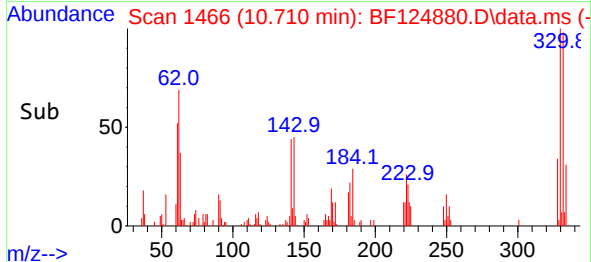
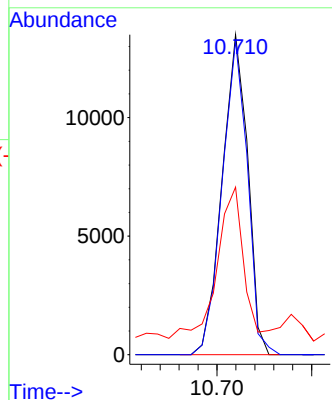
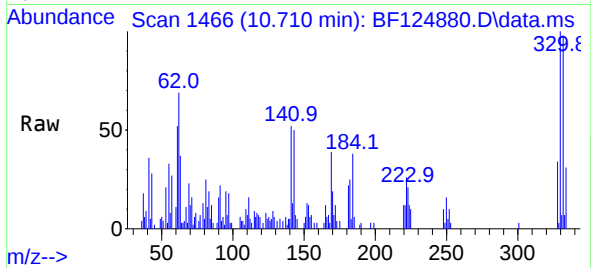




#42
2,4,6-Tribromophenol
Concen: 91.363 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

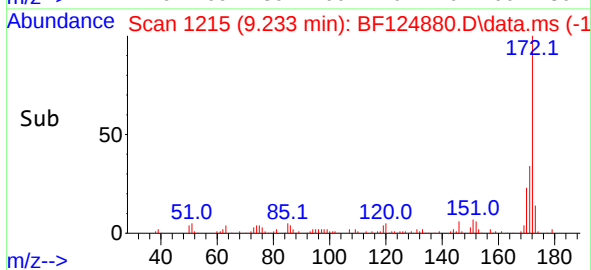
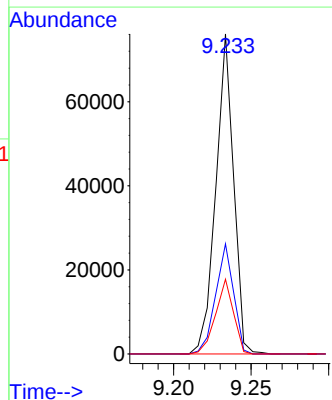
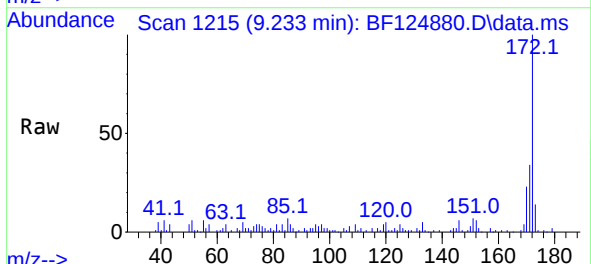
Instrument :
BNA_F
ClientSampleId :
SOLID-A-E

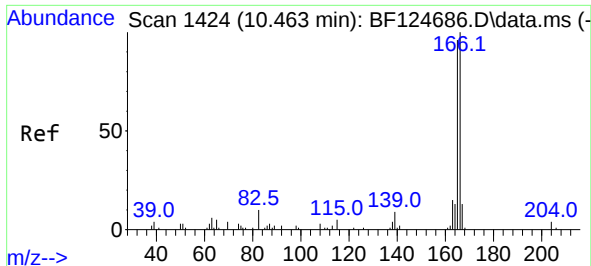
Tgt Ion: 330 Resp: 12624
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 57.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 55.381 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

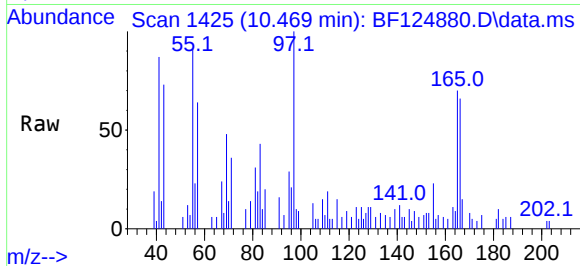
Tgt Ion: 172 Resp: 60681
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.4 18.8 28.2



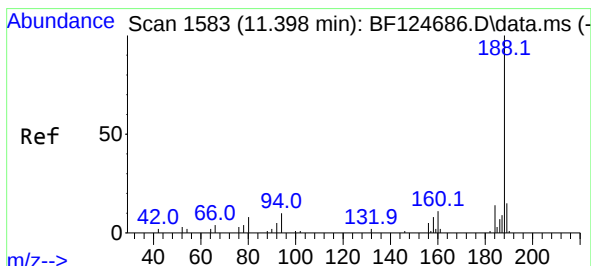
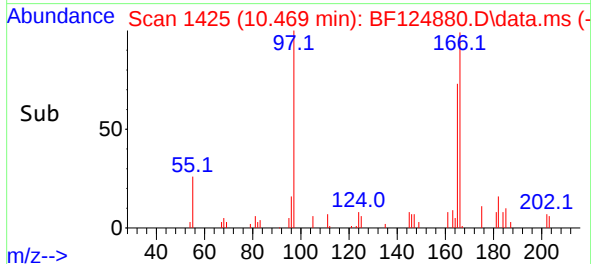
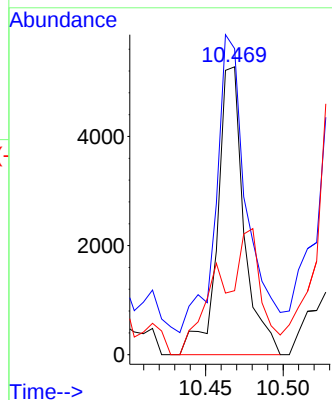


#58
Fluorene
Concen: 5.877 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

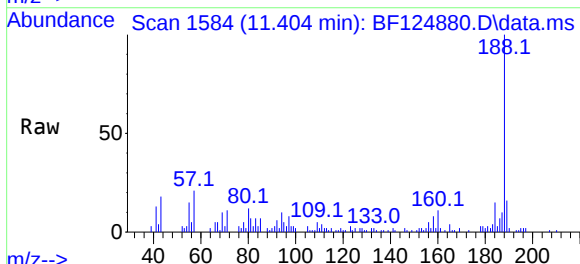
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BNA_F
ClientSampled :
SOLID-A-E



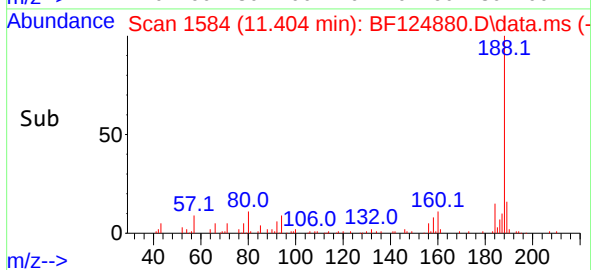
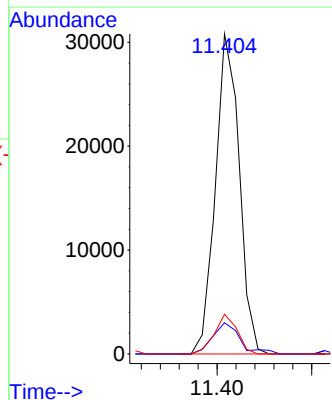
Tgt Ion:166 Resp: 6263
Ion Ratio Lower Upper
166 100
165 106.3 78.1 117.1
167 22.2 11.1 16.7#

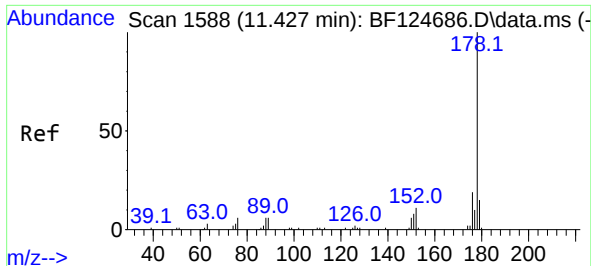


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19



Tgt Ion:188 Resp: 26927
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 12.4 7.5 11.3#

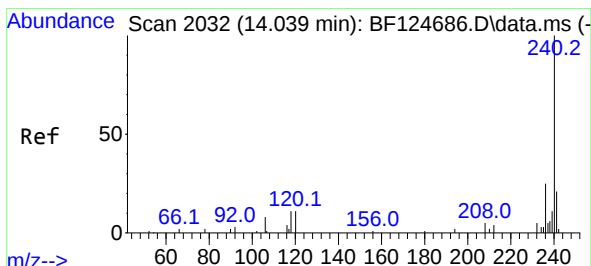
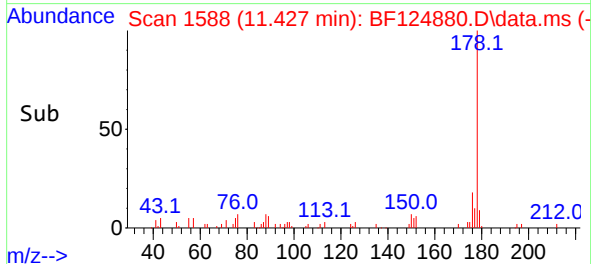
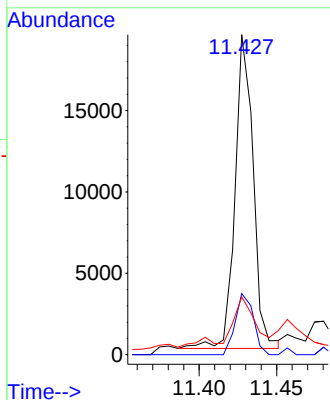
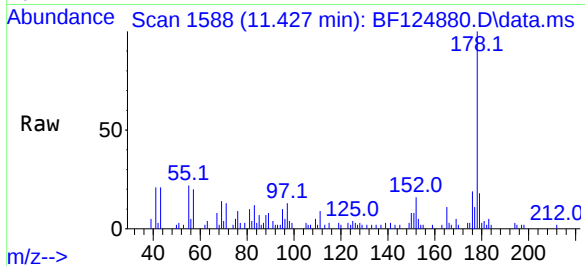




#71
Phenanthrene
Concen: 10.879 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

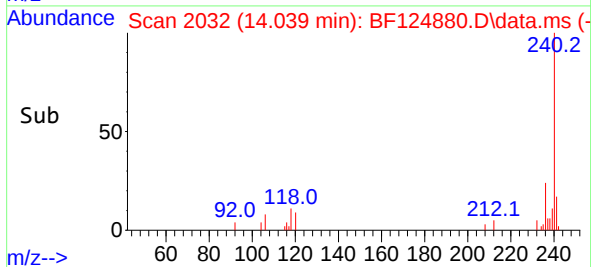
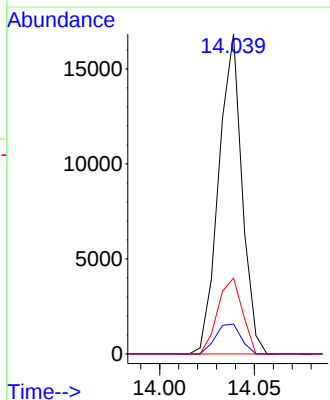
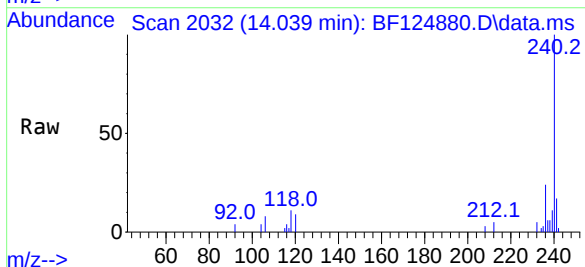
Instrument :
BNA_F
ClientSampleID :
SOLID-A-E

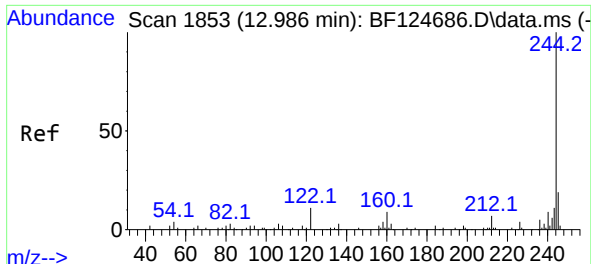
Tgt Ion:178 Resp: 15755
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 18.1 11.5 17.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

Tgt Ion:240 Resp: 14379
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 23.7 21.6 32.4

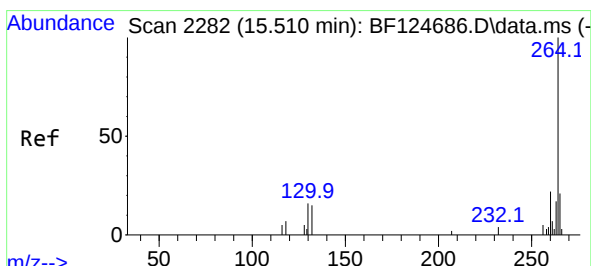
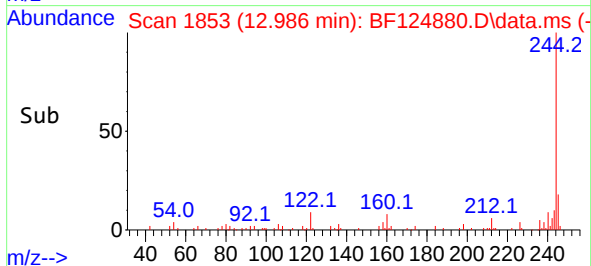
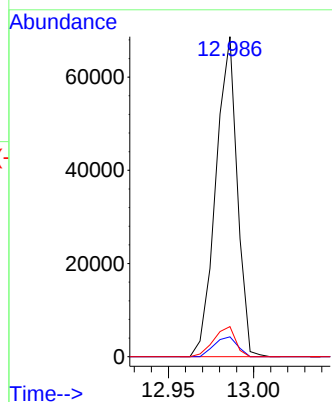
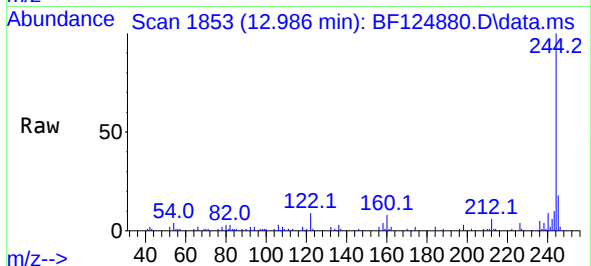




#79
Terphenyl-d14
Concen: 71.458 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124880.D
Acq: 30 Jul 2021 17:19

Instrument :
BNA_F
ClientSampleId :
SOLID-A-E

Tgt Ion:244	Resp:	59942
Ion Ratio	Lower	Upper
244	100	
212	6.2	5.9 8.9
122	9.4	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: BF124880.D
Acq: 30 Jul 2021 17:19

Tgt Ion:264	Resp:	12982
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.6 29.4
265	22.2	17.2 25.8

