

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126077.D
 Acq On : 9 Nov 2021 12:00
 Operator : JU/CG
 Sample : M4485-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-3

Quant Time: Nov 10 13:41:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	196562	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	736074	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	452549	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	846892	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	642977	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	470988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	714270	62.403	ng	0.00
7) Phenol-d6	6.475	99	581616	36.046	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1459010	93.479	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	766453	147.786	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2820012	84.209	ng	0.00
79) Terphenyl-d14	12.963	244	3203909	80.352	ng	0.00

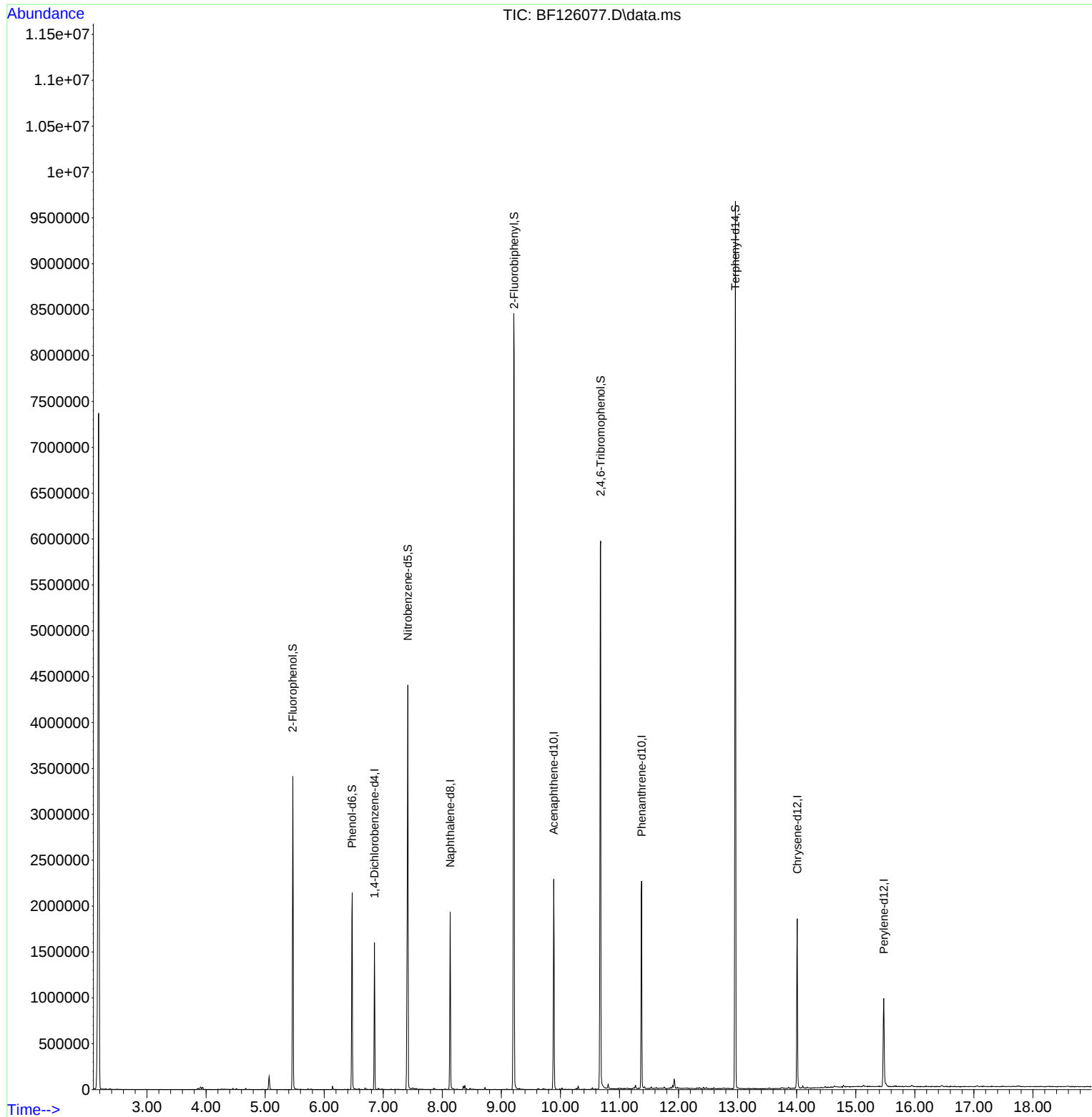
Target Compounds	Qvalue

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

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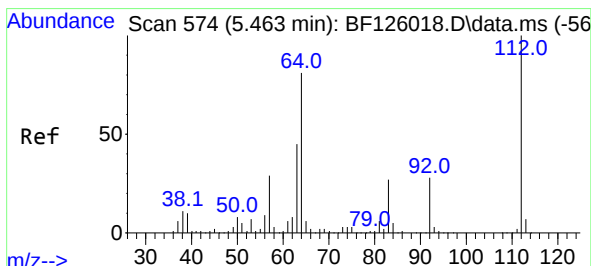
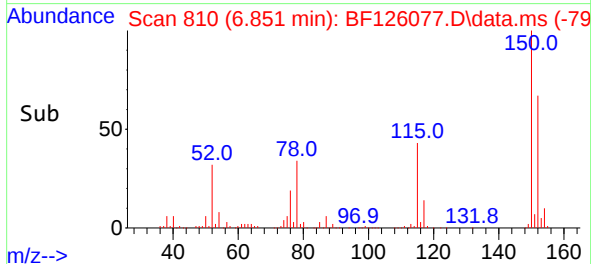
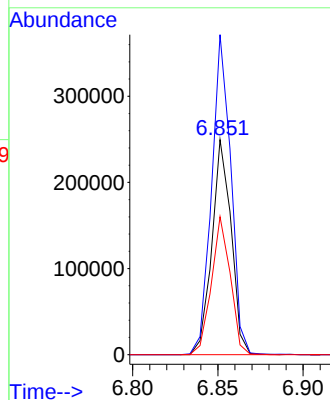
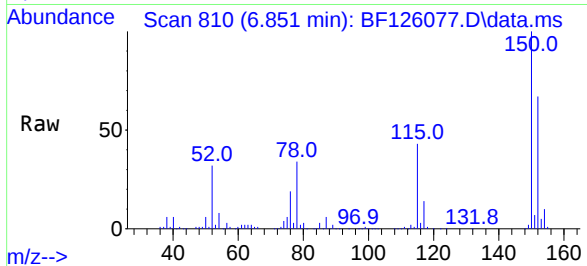




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

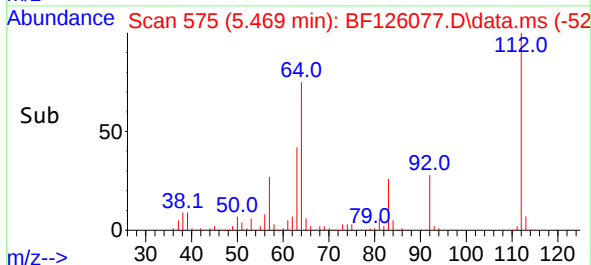
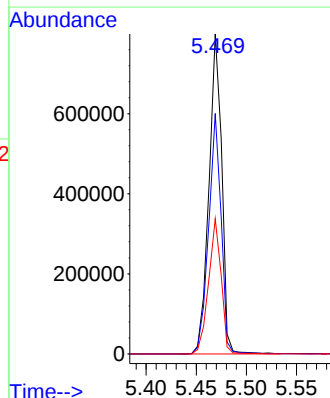
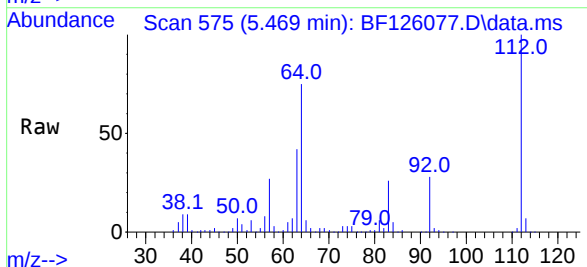
Instrument :
BNA_F
ClientSampleId :
AG-3

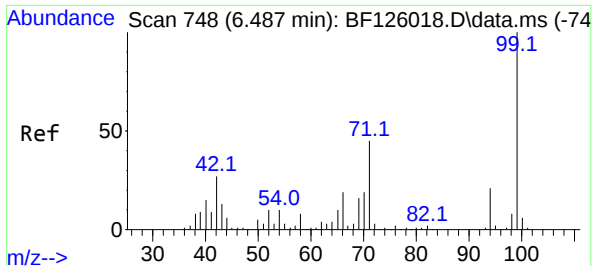
Tgt Ion:152 Resp: 196562
Ion Ratio Lower Upper
152 100
150 148.8 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 62.403 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:112 Resp: 714270
Ion Ratio Lower Upper
112 100
64 75.1 44.2 66.2#
63 42.3 26.2 39.2#

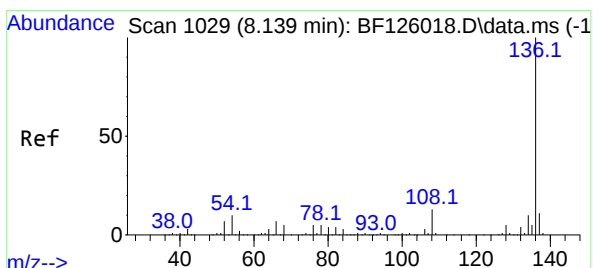
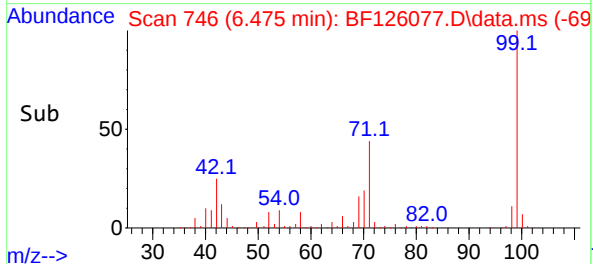
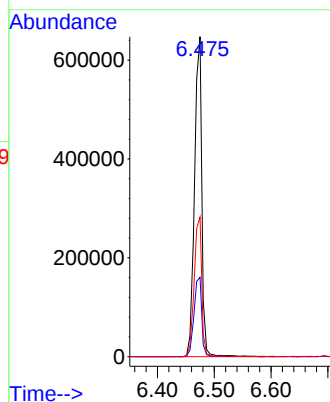
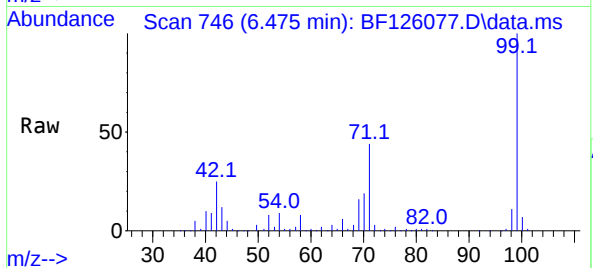




#7
Phenol-d6
Concen: 36.046 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

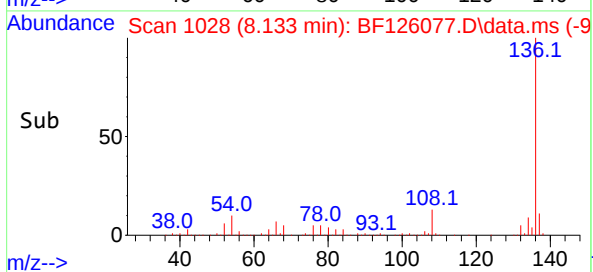
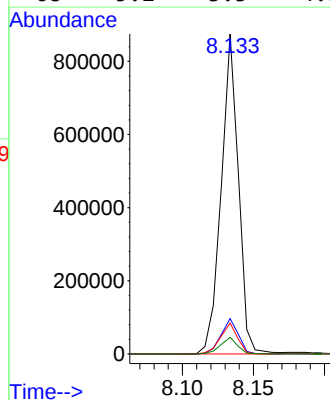
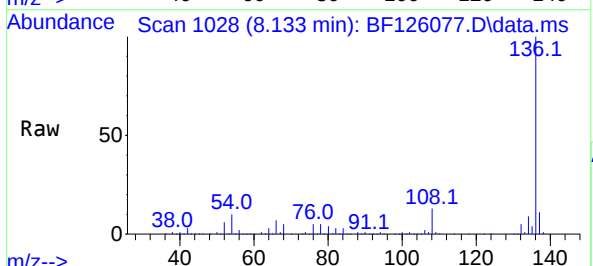
Instrument :
BNA_F
ClientSampleId :
AG-3

Tgt Ion: 99 Resp: 581616
Ion Ratio Lower Upper
99 100
42 24.8 23.5 35.3
71 43.7 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion: 136 Resp: 736074
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 93.479 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126077.D

Acq: 9 Nov 2021 12:00

Instrument :

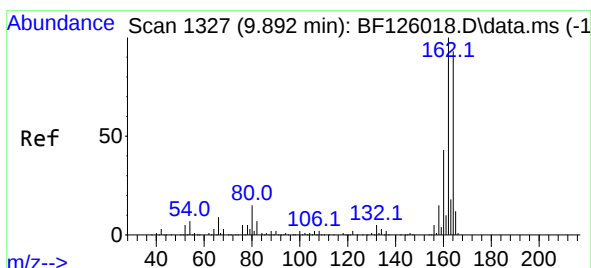
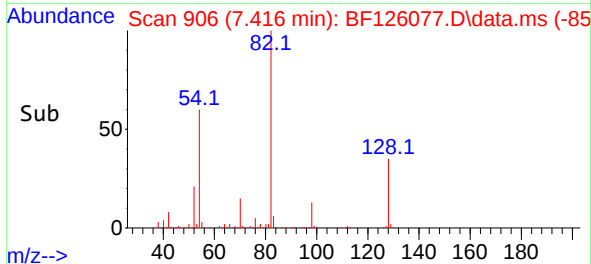
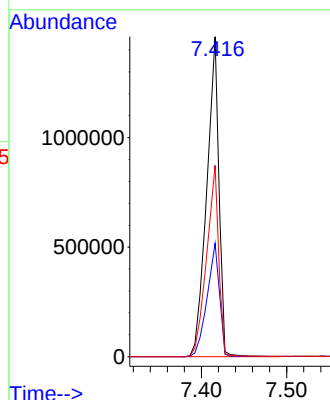
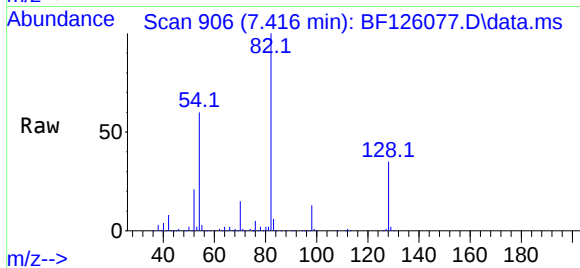
BNA_F

ClientSampleId :

AG-3

Tgt Ion: 82 Resp: 1459010

Ion	Ratio	Lower	Upper
82	100		
128	35.5	40.6	60.8#
54	59.8	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

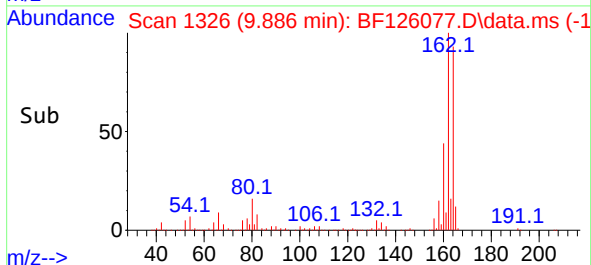
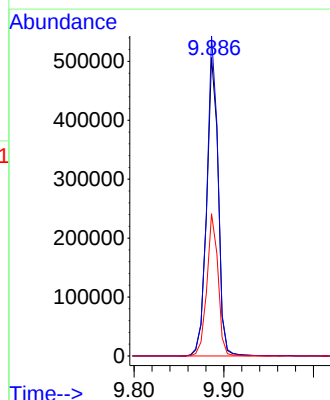
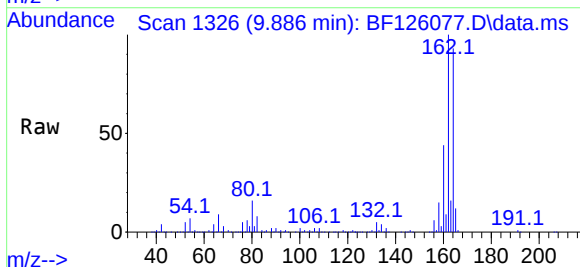
Delta R.T. -0.006 min

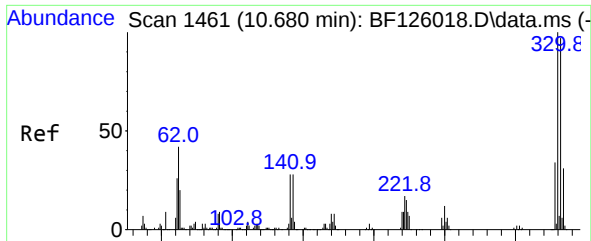
Lab File: BF126077.D

Acq: 9 Nov 2021 12:00

Tgt Ion:164 Resp: 452549

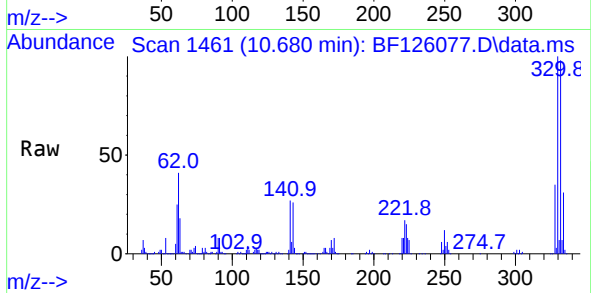
Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.3	121.9
160	47.7	38.0	57.0



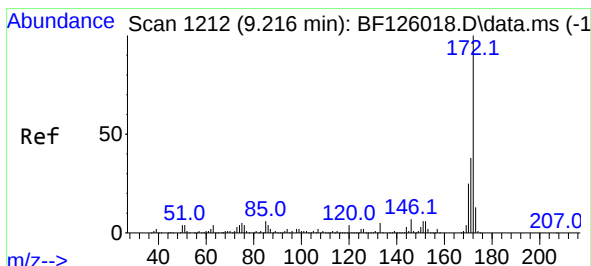
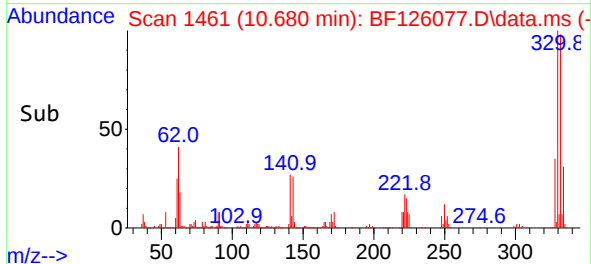
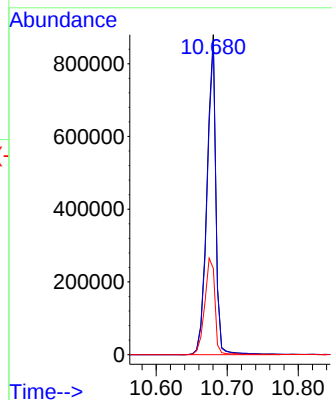


#42
2,4,6-Tribromophenol
Concen: 147.786 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Instrument :
BNA_F
ClientSampleId :
AG-3

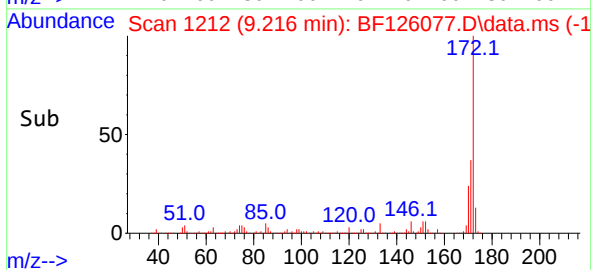
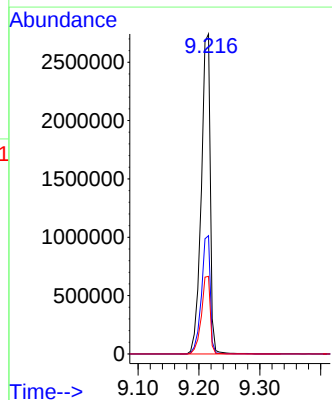
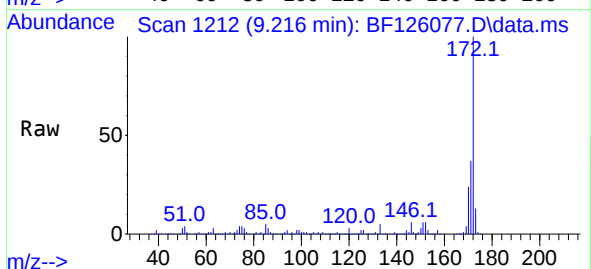


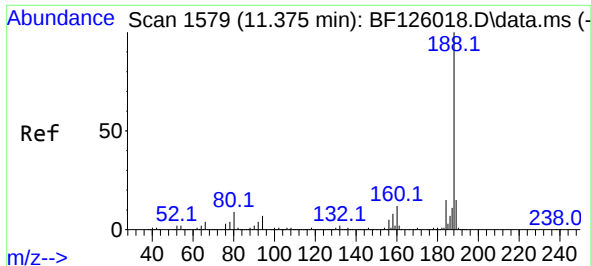
Tgt Ion:330 Resp: 766453
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 84.209 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

Tgt Ion:172 Resp: 2820012
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.2 18.8 28.2

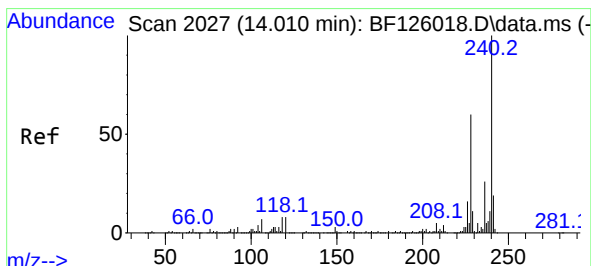
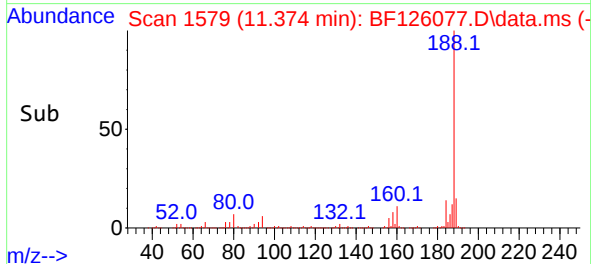
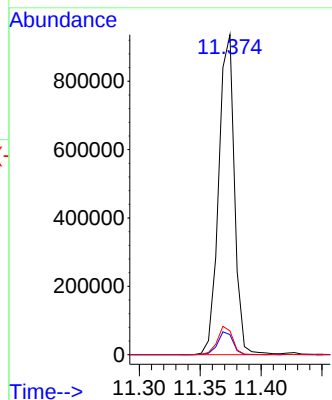
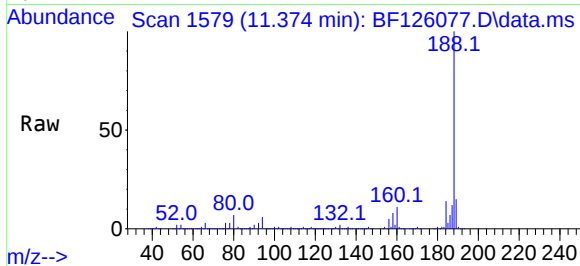




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

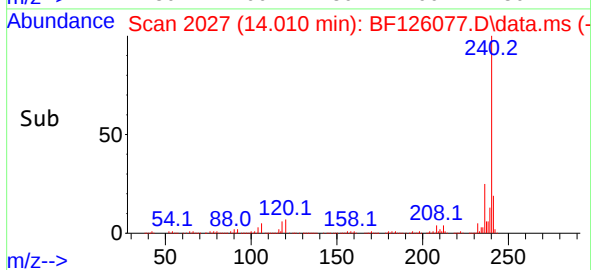
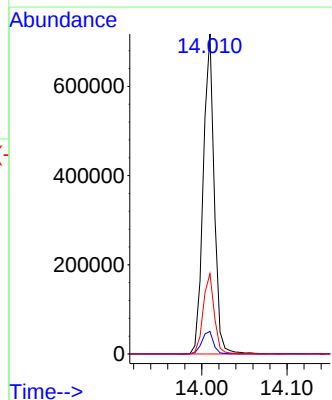
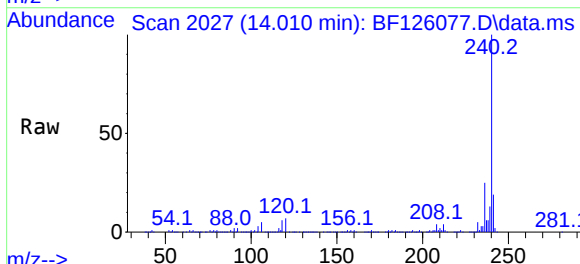
Instrument :
BNA_F
ClientSampleId :
AG-3

Tgt Ion:188 Resp: 846892
Ion Ratio Lower Upper
188 100
94 6.3 6.7 10.1#
80 7.5 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126077.D
Acq: 9 Nov 2021 12:00

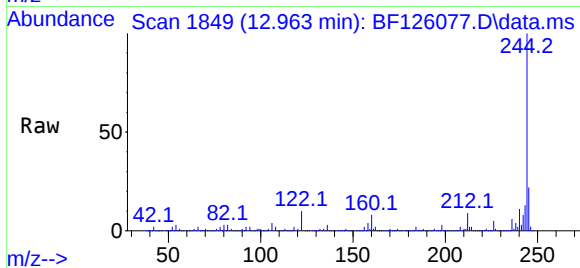
Tgt Ion:240 Resp: 642977
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 25.1 21.6 32.4





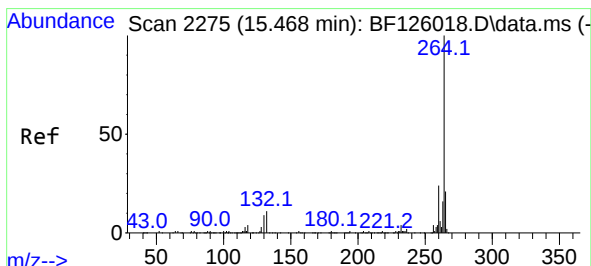
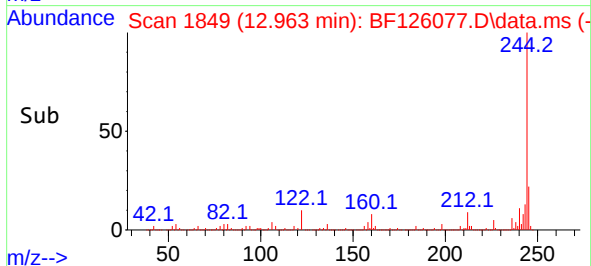
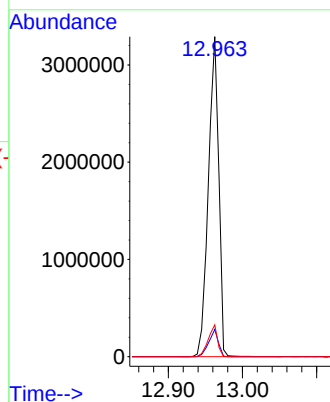
#79
 Terphenyl-d14
 Concen: 80.352 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126077.D
 Acq: 9 Nov 2021 12:00

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 3203909

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	10.0	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF126077.D
 Acq: 9 Nov 2021 12:00

Tgt Ion:264 Resp: 470988

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.5	17.2	25.8

