

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126066.D
 Acq On : 8 Nov 2021 15:37
 Operator : JU/CG
 Sample : M4501-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Nov 08 16:55:09 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	6.857	152	163075	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	568576	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	291298	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	447255	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	363556	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	279222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1276548	134.428	ng	0.02
7) Phenol-d6	6.487	99	1470399	109.842	ng	0.00
23) Nitrobenzene-d5	7.416	82	1242090	103.025	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	453681	135.902	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2228706	103.392	ng	0.00
79) Terphenyl-d14	12.963	244	2085010	92.480	ng	0.00

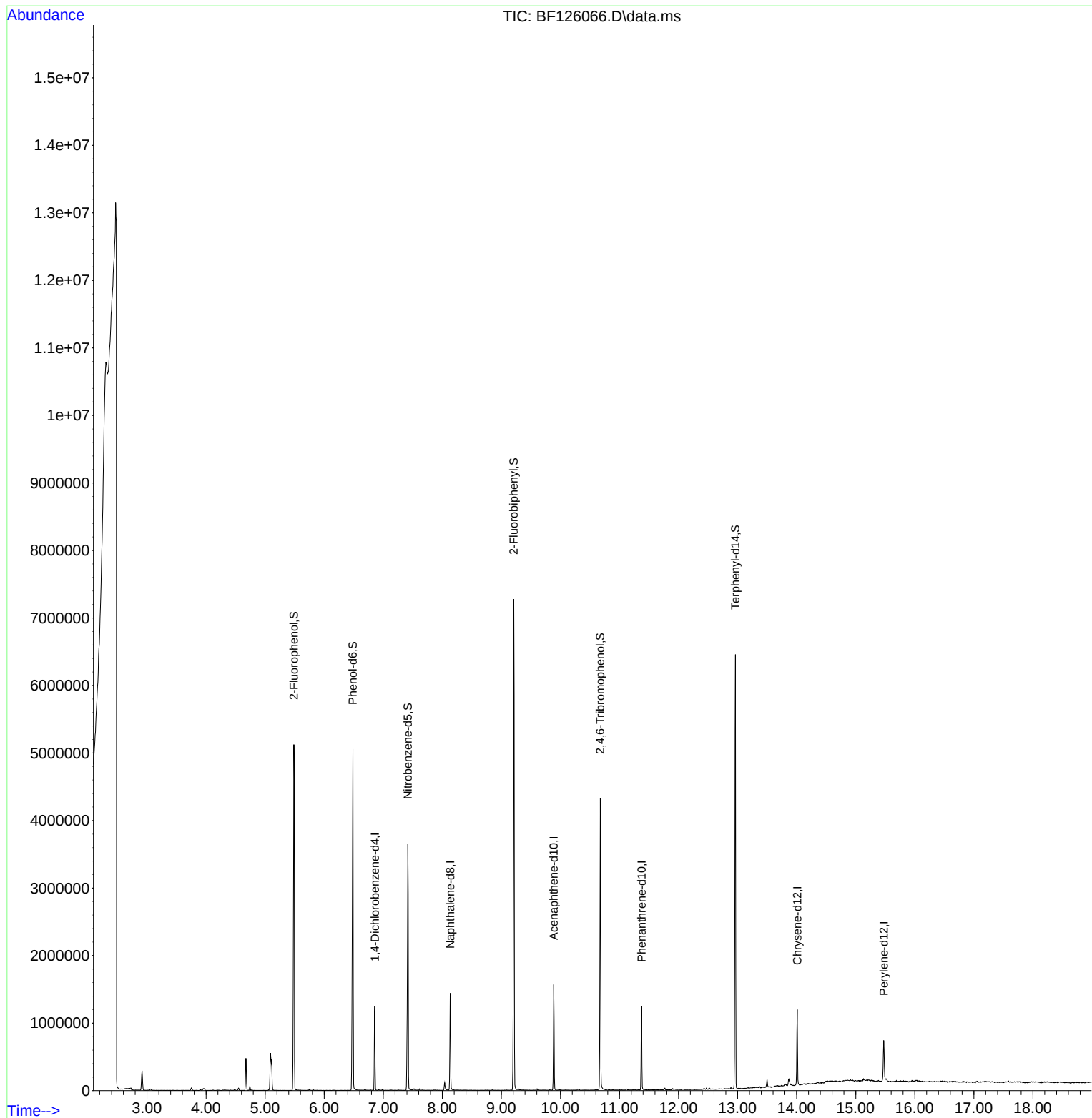
Target Compounds	Qvalue

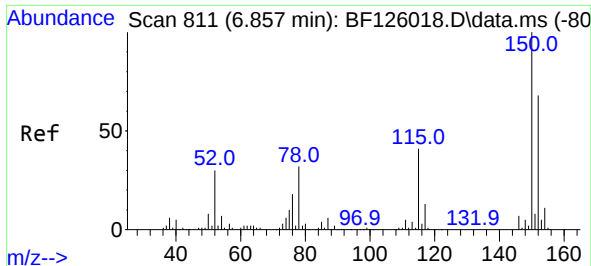
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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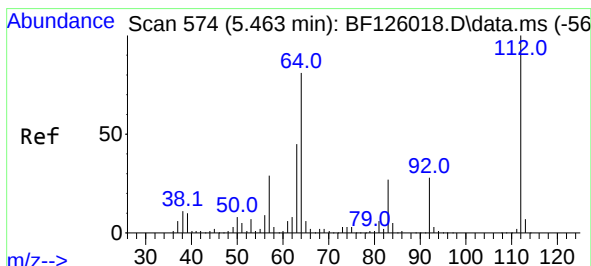
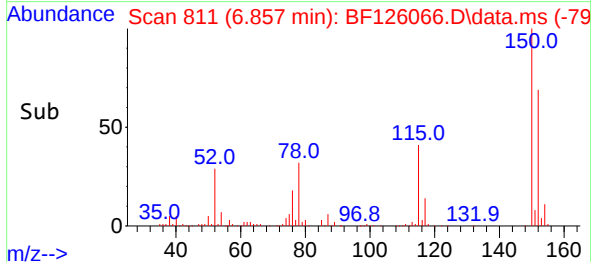
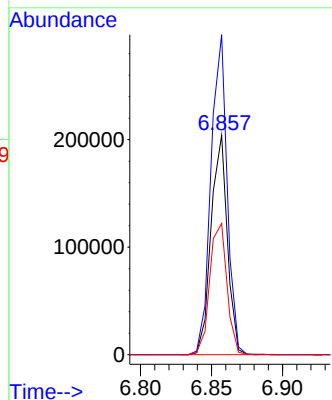
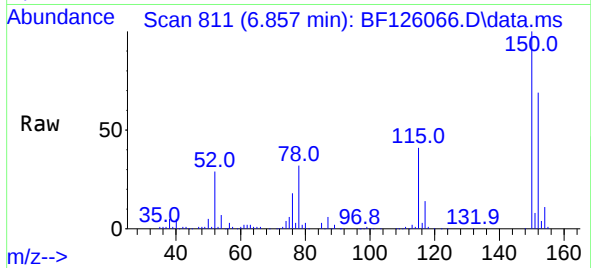




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

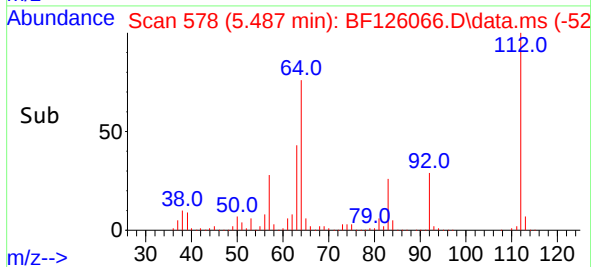
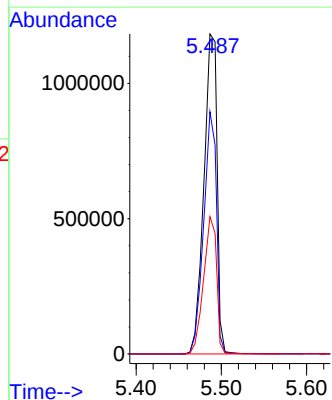
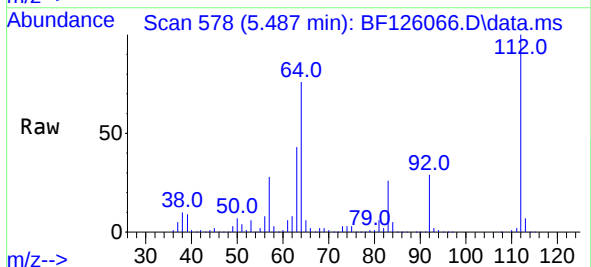
Instrument :
BNA_F
ClientSampleId :
72-11929

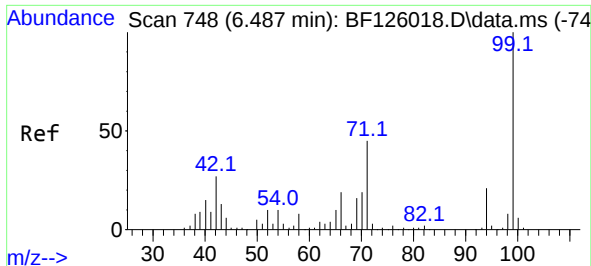
Tgt Ion:152 Resp: 163075
Ion Ratio Lower Upper
152 100
150 145.8 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 134.428 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.024 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Tgt Ion:112 Resp: 1276548
Ion Ratio Lower Upper
112 100
64 75.7 44.2 66.2#
63 42.9 26.2 39.2#

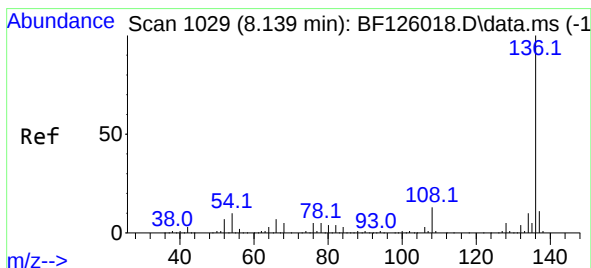
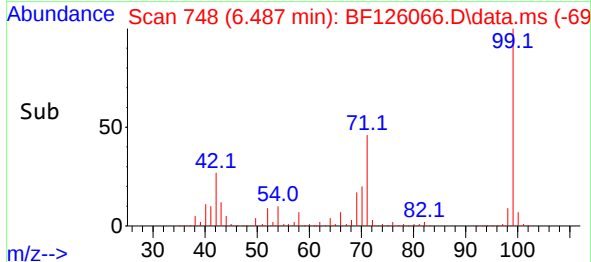
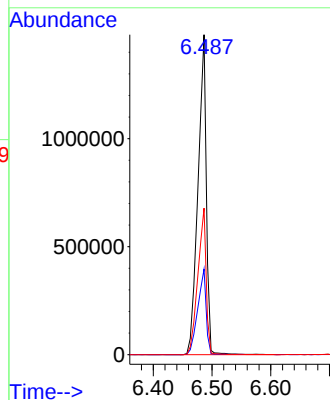
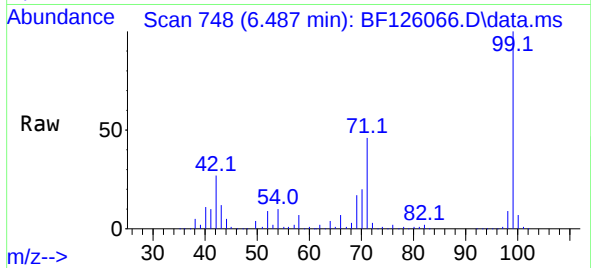




#7
Phenol-d6
Concen: 109.842 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

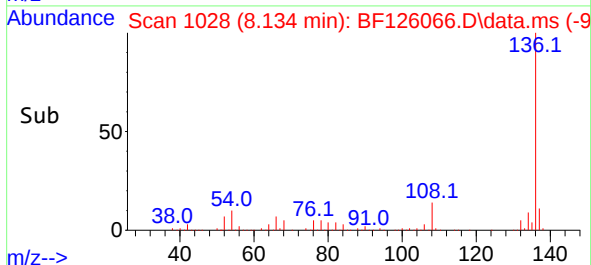
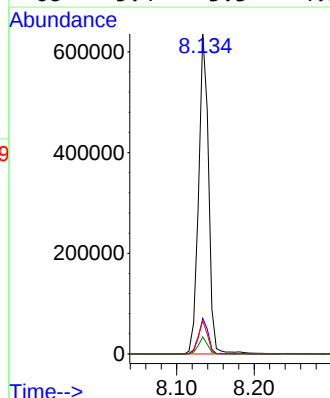
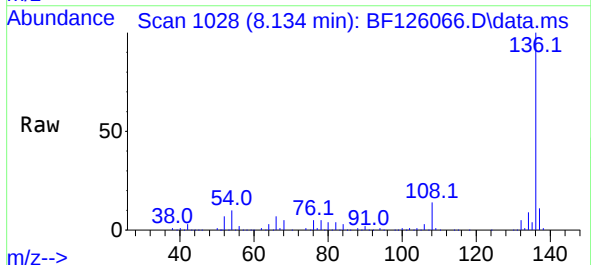
Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion: 99 Resp: 1470399
Ion Ratio Lower Upper
99 100
42 26.8 23.5 35.3
71 45.8 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Tgt Ion:136 Resp: 568576
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.3 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 103.025 ng

RT: 7.416 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Instrument :

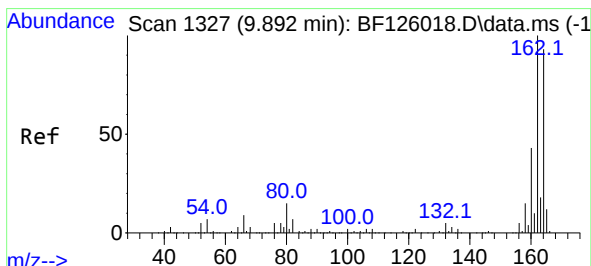
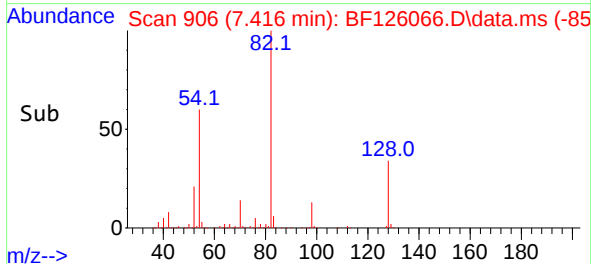
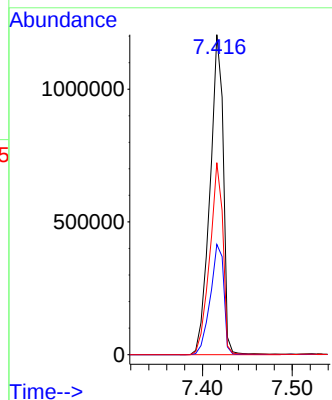
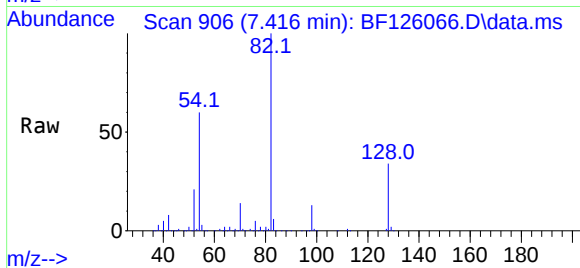
BNA_F

ClientSampleId :

72-11929

Tgt Ion: 82 Resp: 1242090

Ion	Ratio	Lower	Upper
82	100		
128	34.5	40.6	60.8
54	60.0	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

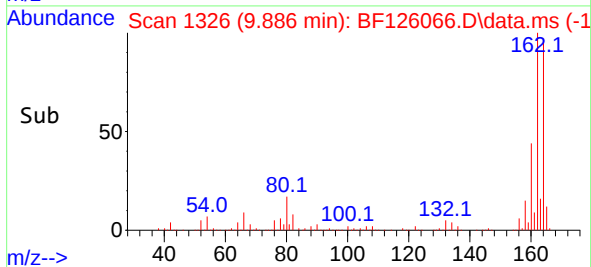
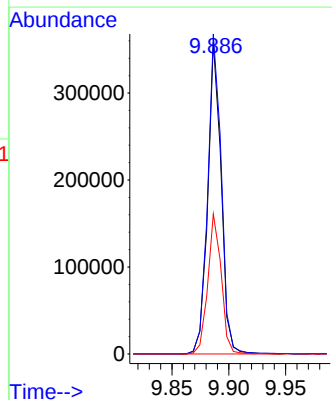
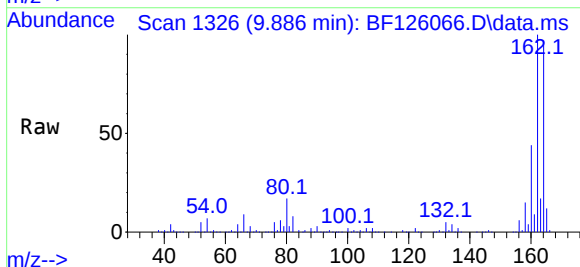
Delta R.T. -0.006 min

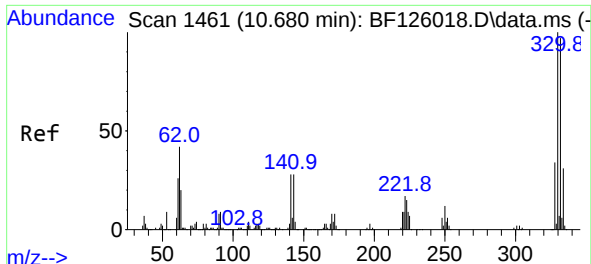
Lab File: BF126066.D

Acq: 8 Nov 2021 15:37

Tgt Ion:164 Resp: 291298

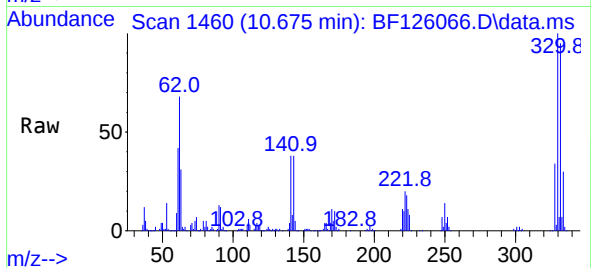
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	44.9	38.0	57.0



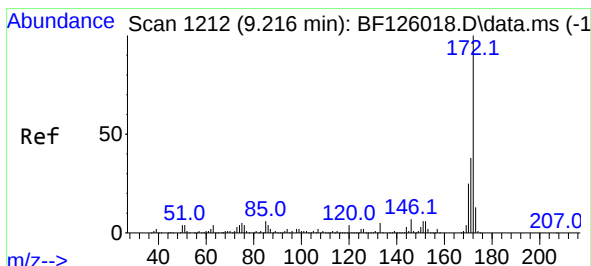
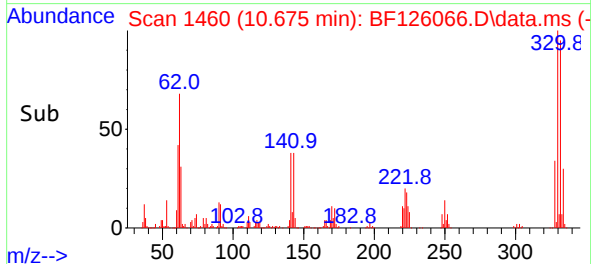
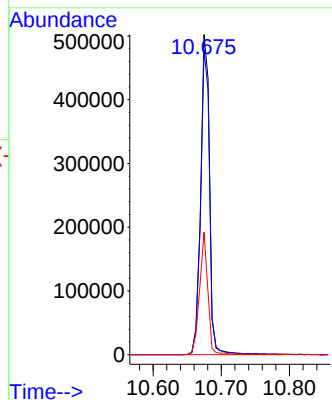


#42
2,4,6-Tribromophenol
Concen: 135.902 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Instrument :
BNA_F
ClientSampleId :
72-11929

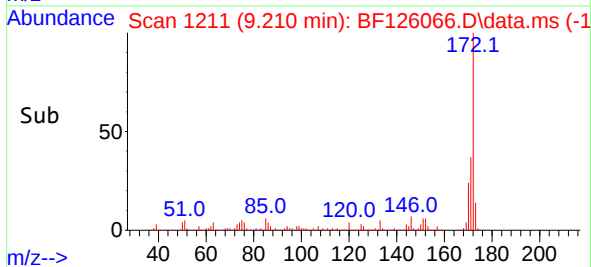
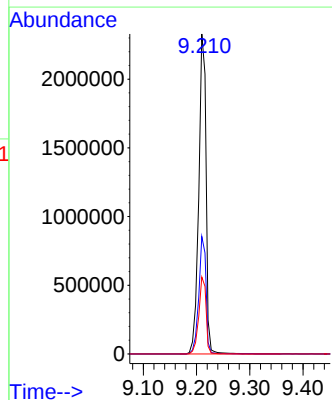
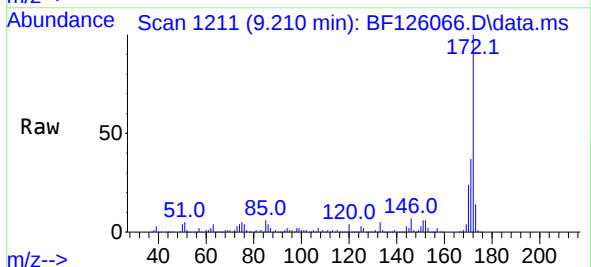


Tgt Ion:330 Resp: 453681
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 35.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 103.392 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

Tgt Ion:172 Resp: 2228706
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.0 18.8 28.2

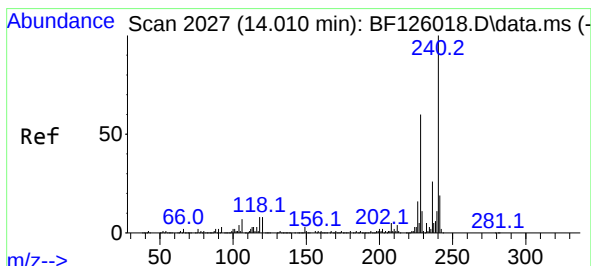
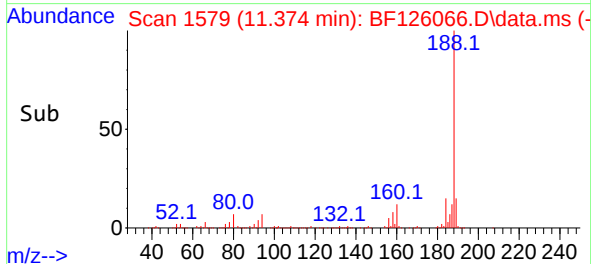
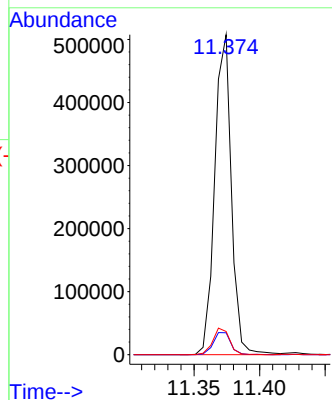
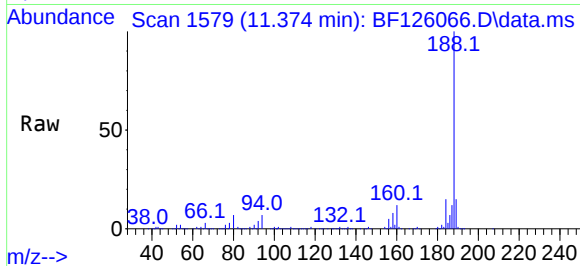




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF126066.D
Acq: 8 Nov 2021 15:37

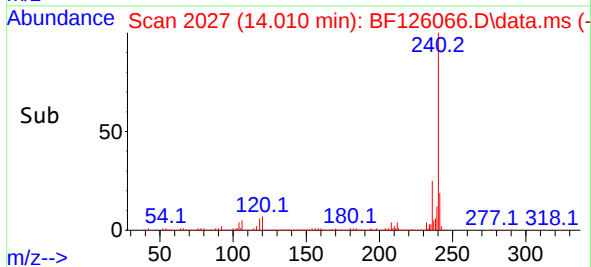
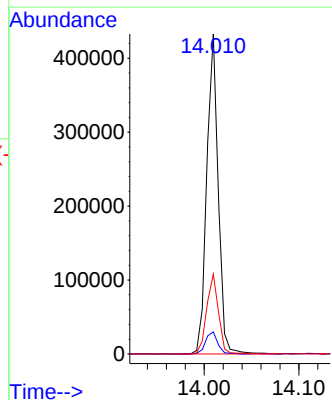
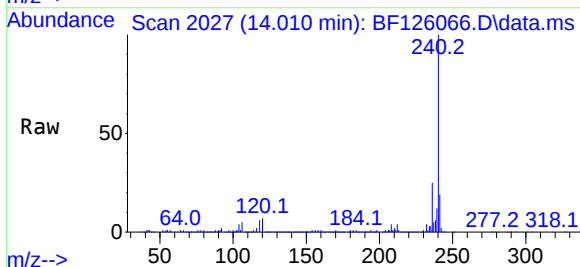
Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion:188 Resp: 447255
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 7.2 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: BF126066.D
Acq: 8 Nov 2021 15:37

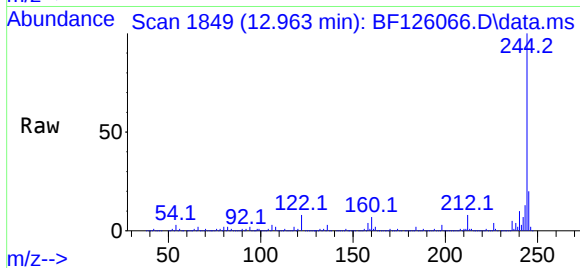
Tgt Ion:240 Resp: 363556
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2#
236 25.0 21.6 32.4



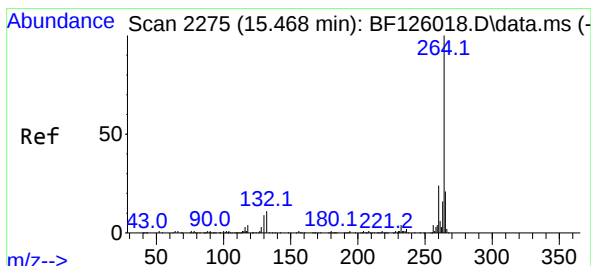
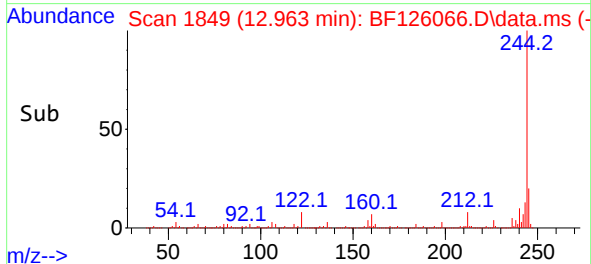
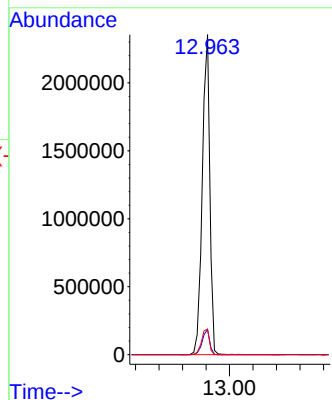


#79
 Terphenyl-d14
 Concen: 92.480 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126066.D
 Acq: 8 Nov 2021 15:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11929



Tgt Ion:244 Resp: 2085010
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.0 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: BF126066.D
 Acq: 8 Nov 2021 15:37

Tgt Ion:264 Resp: 279222
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.2 17.2 25.8

