

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126146.D
 Acq On : 12 Nov 2021 2:15
 Operator : JU/CG
 Sample : M4612-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GSMP-EB-ONLY

Quant Time: Nov 12 09:46:28 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	6.845	152	155136	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	567623	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	307485	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	539636	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	389974	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	240435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	396316	43.870	ng	-0.01
7) Phenol-d6	6.469	99	521134	40.922	ng	-0.02
23) Nitrobenzene-d5	7.398	82	367823	30.560	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	150854	42.810	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	702612	30.879	ng	-0.02
79) Terphenyl-d14	12.957	244	749829	31.006	ng	0.00

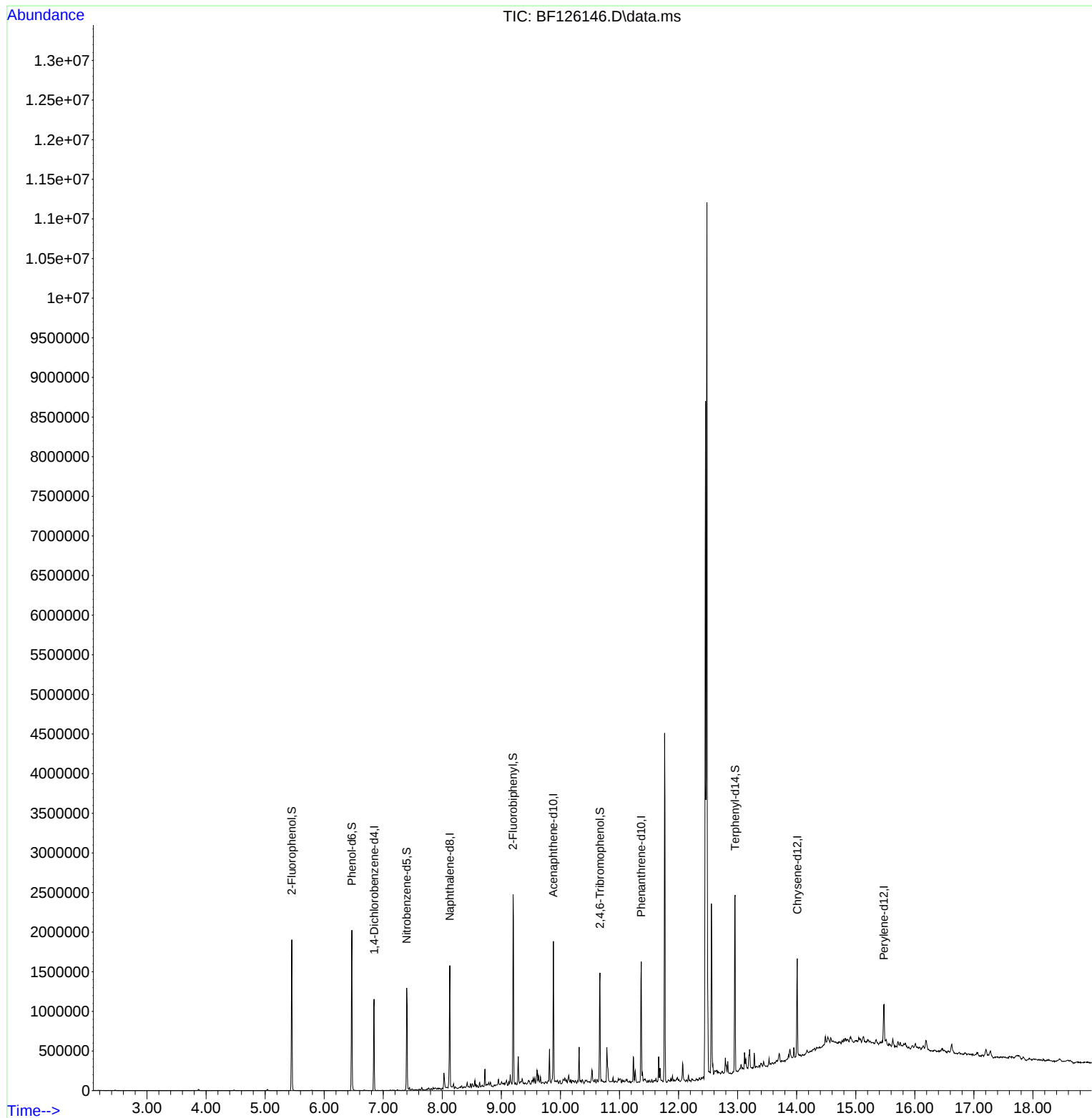
Target Compounds	Qvalue

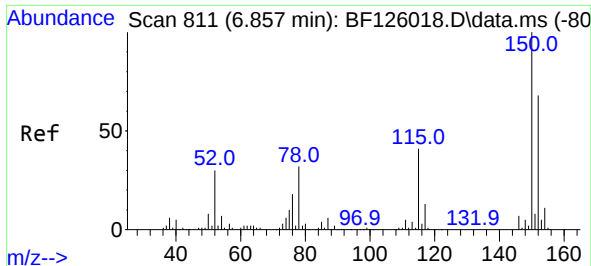
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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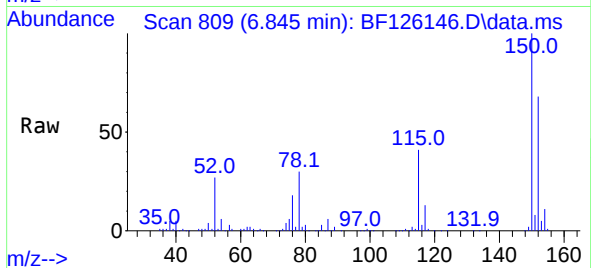
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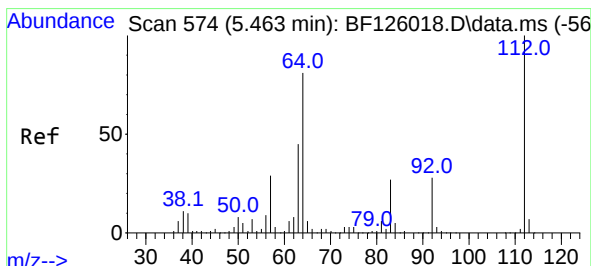
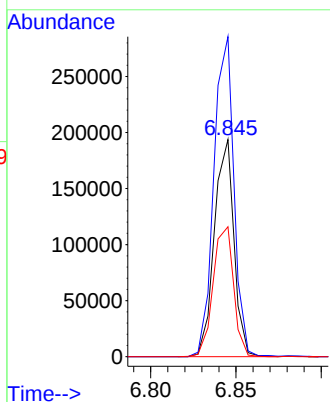
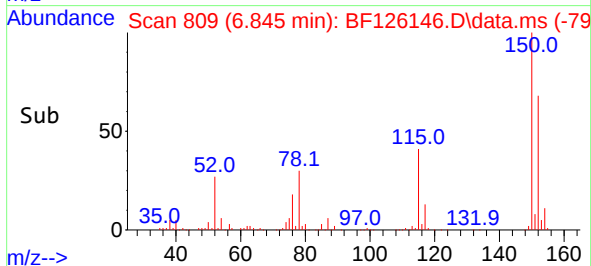


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

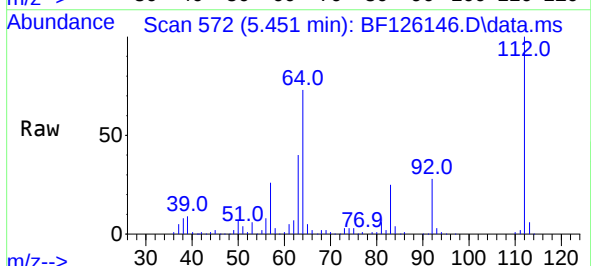
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY



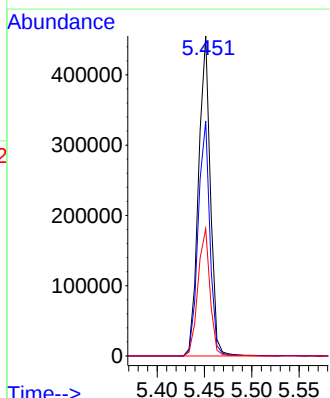
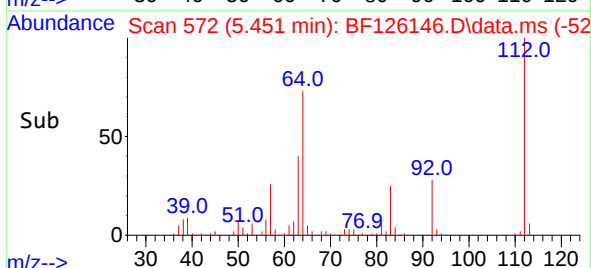
Tgt Ion:152 Resp: 155136
Ion Ratio Lower Upper
152 100
150 147.4 117.6 176.4
115 59.9 47.1 70.7

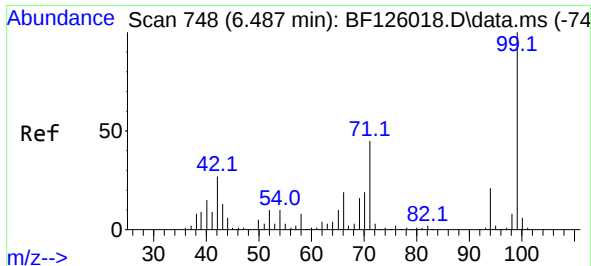


#5
2-Fluorophenol
Concen: 43.870 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15



Tgt Ion:112 Resp: 396316
Ion Ratio Lower Upper
112 100
64 73.3 44.2 66.2#
63 39.8 26.2 39.2#

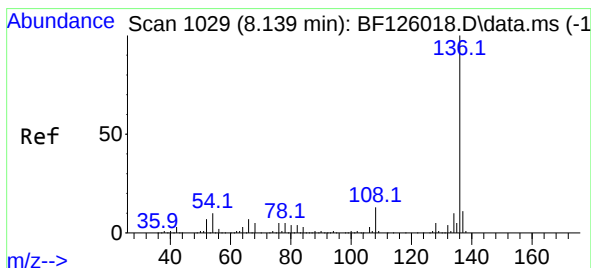
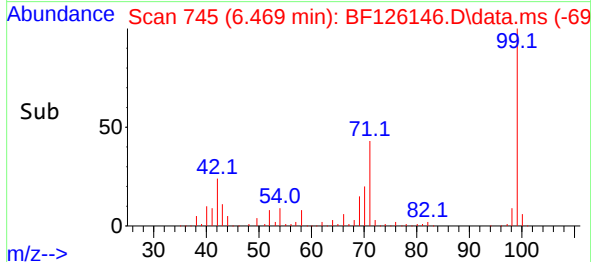
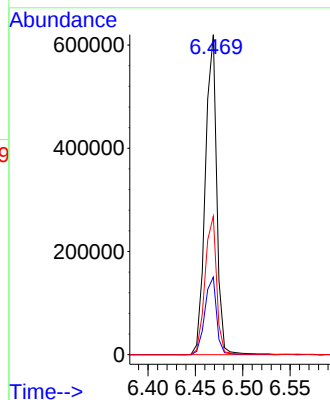
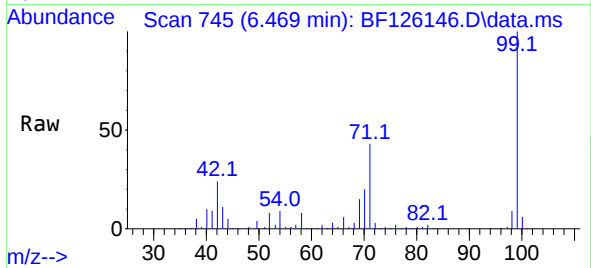




#7
Phenol-d6
Concen: 40.922 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

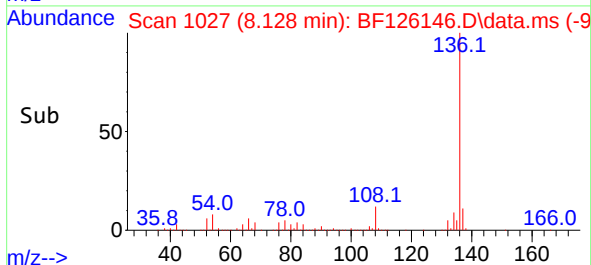
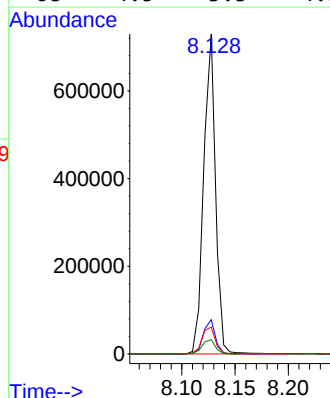
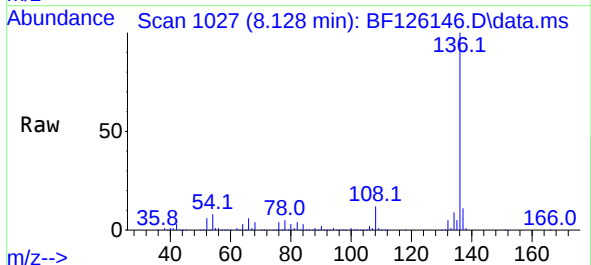
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

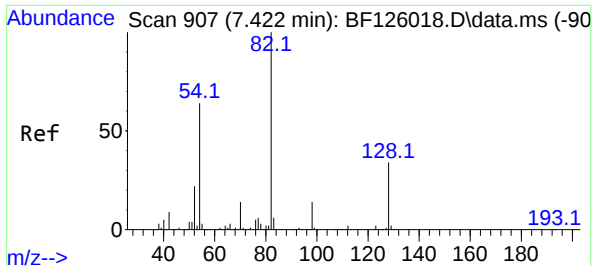
Tgt Ion: 99 Resp: 521134
Ion Ratio Lower Upper
99 100
42 24.2 23.5 35.3
71 43.3 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:136 Resp: 567623
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.4 6.4 9.6
68 4.5 3.3 4.9





#23

Nitrobenzene-d5

Concen: 30.560 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.024 min

Lab File: BF126146.D

Acq: 12 Nov 2021 2:15

Instrument :

BNA_F

ClientSampleId :

GSMP-EB-ONLY

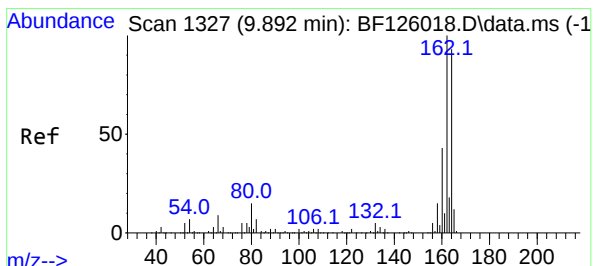
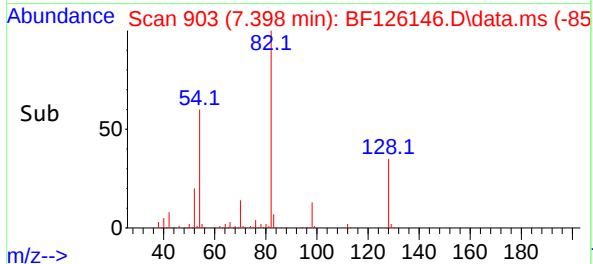
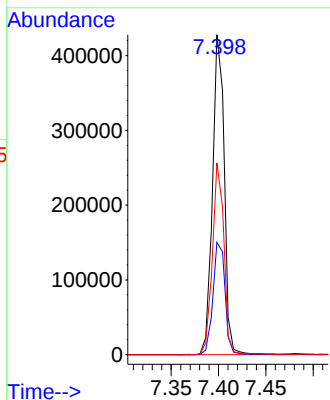
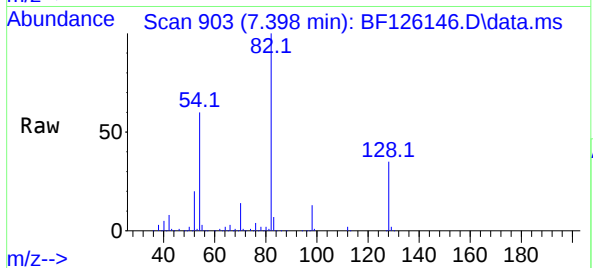
Tgt Ion: 82 Resp: 367823

Ion Ratio Lower Upper

82 100

128 35.1 40.6 60.8#

54 59.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF126146.D

Acq: 12 Nov 2021 2:15

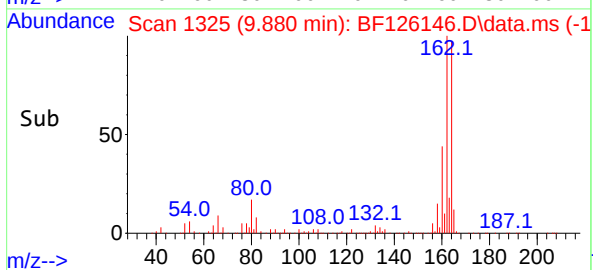
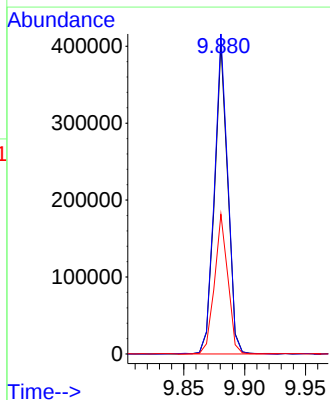
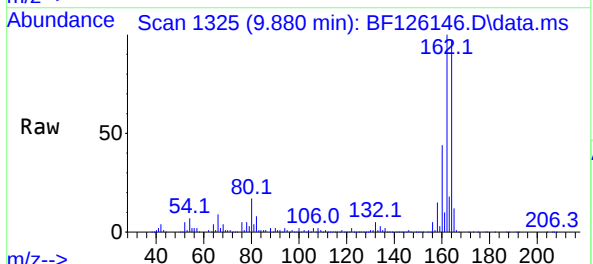
Tgt Ion:164 Resp: 307485

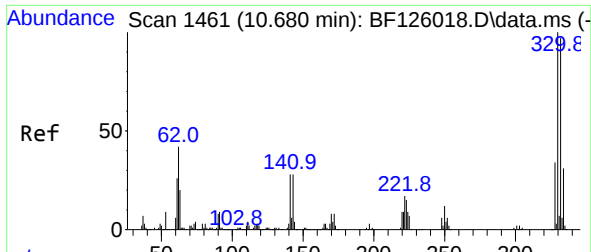
Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

160 45.0 38.0 57.0

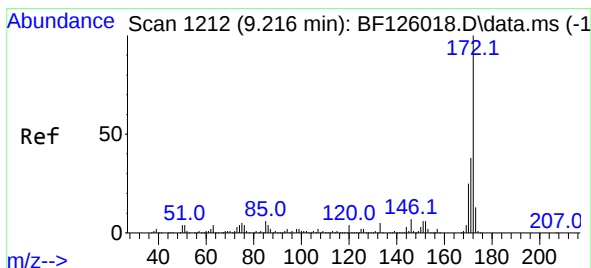
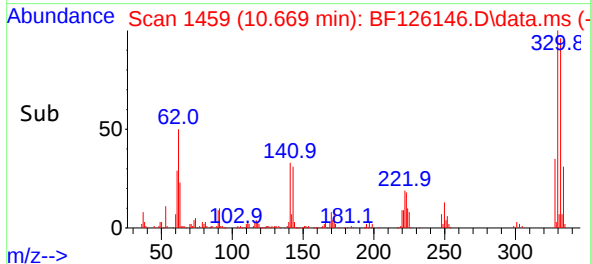
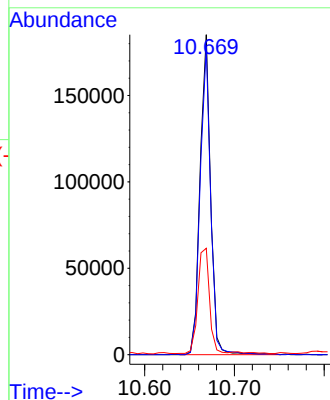
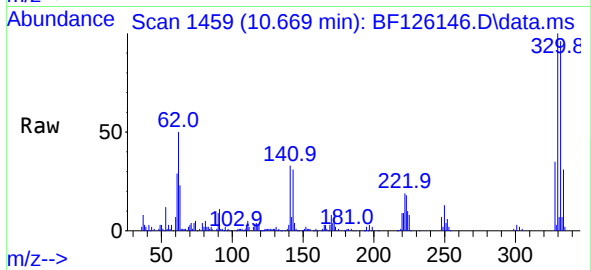




#42
2,4,6-Tribromophenol
Concen: 42.810 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

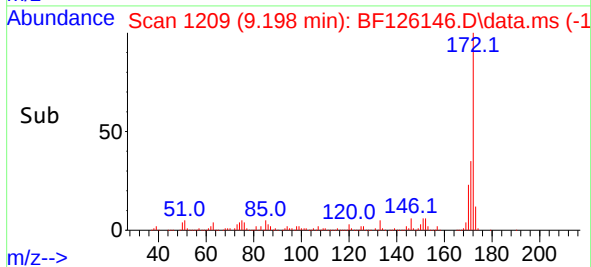
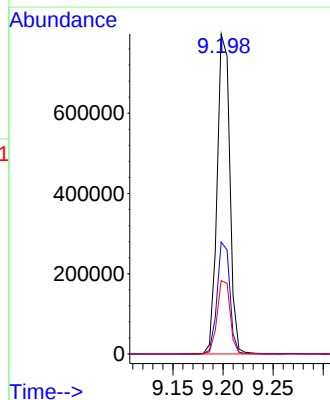
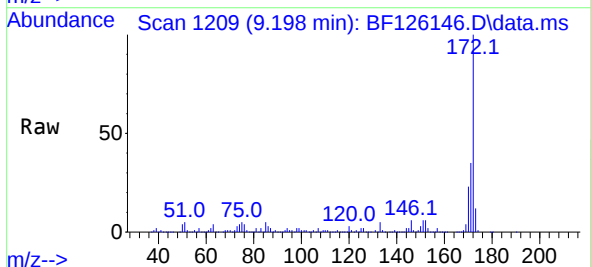
Instrument :
BNA_F
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Tgt Ion:330 Resp: 150854
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 36.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 30.879 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:172 Resp: 702612
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.9 18.8 28.2

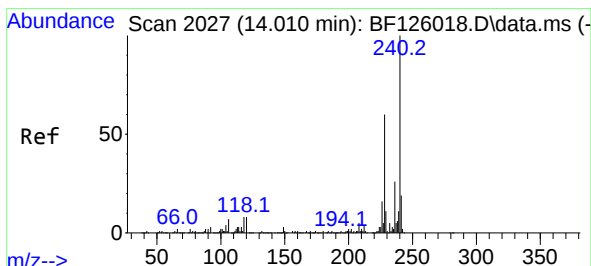
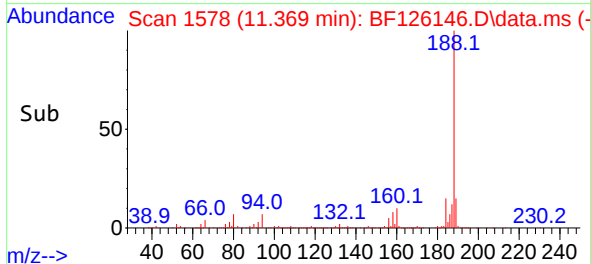
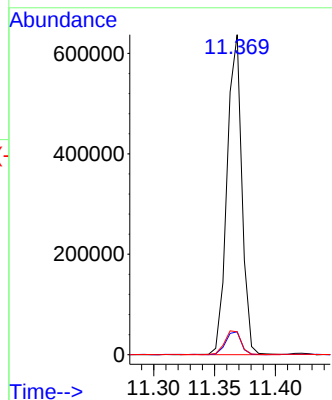
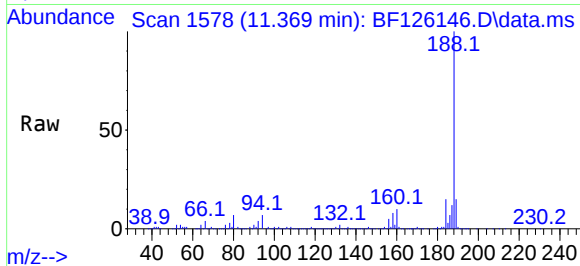




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

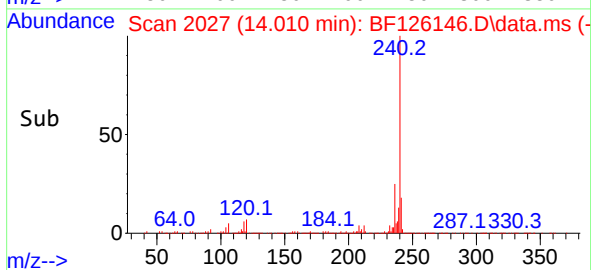
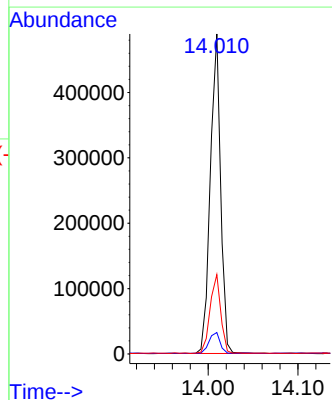
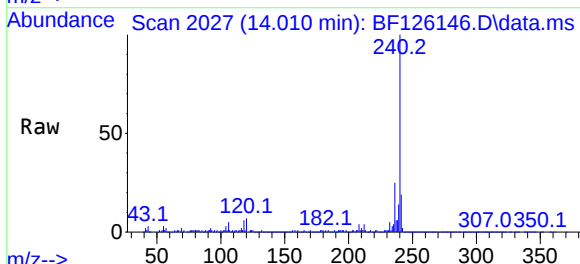
Instrument :
BNA_F
ClientSampleId :
GSMP-EB-ONLY

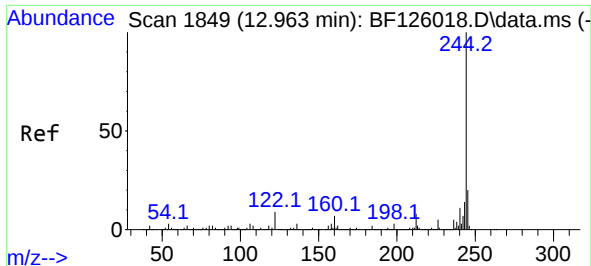
Tgt Ion:188 Resp: 539636
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.2 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126146.D
Acq: 12 Nov 2021 2:15

Tgt Ion:240 Resp: 389974
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 24.8 21.6 32.4

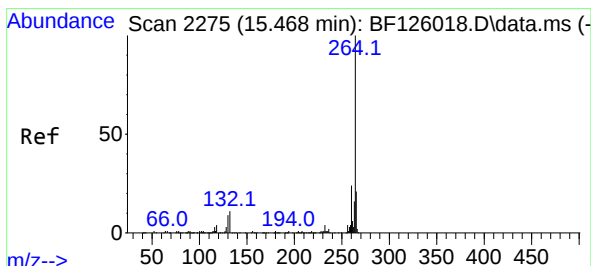
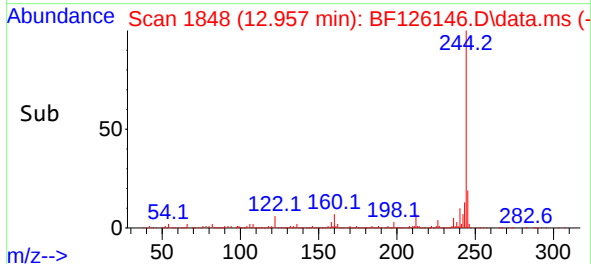
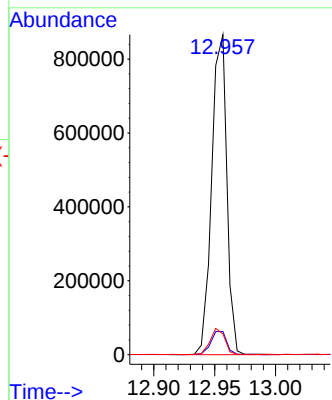
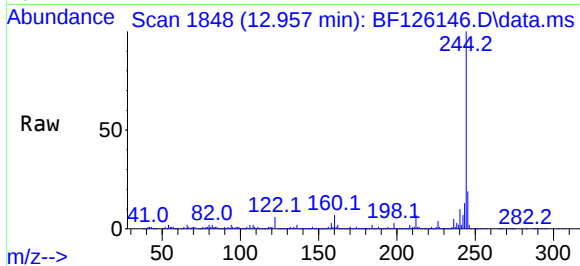




#79
 Terphenyl-d14
 Concen: 31.006 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126146.D
 Acq: 12 Nov 2021 2:15

Instrument :
 BNA_F
 ClientSampleId :
 GSMP-EB-ONLY

Tgt Ion:244 Resp: 749829
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.5 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: BF126146.D
 Acq: 12 Nov 2021 2:15

Tgt Ion:264 Resp: 240435
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.6 17.2 25.8

