

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126141.D
 Acq On : 11 Nov 2021 23:35
 Operator : JU/CG
 Sample : M4639-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-3/4-5

Quant Time: Nov 12 09:44:52 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	6.839	152	145330	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	523680	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	272862	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	436592	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	414533	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	266603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	731906	86.485	ng	0.00
7) Phenol-d6	6.469	99	947221	79.400	ng	-0.02
23) Nitrobenzene-d5	7.404	82	691935	62.313	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	244984	78.344	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1240758	61.449	ng	-0.02
79) Terphenyl-d14	12.951	244	1245638	48.456	ng	-0.01

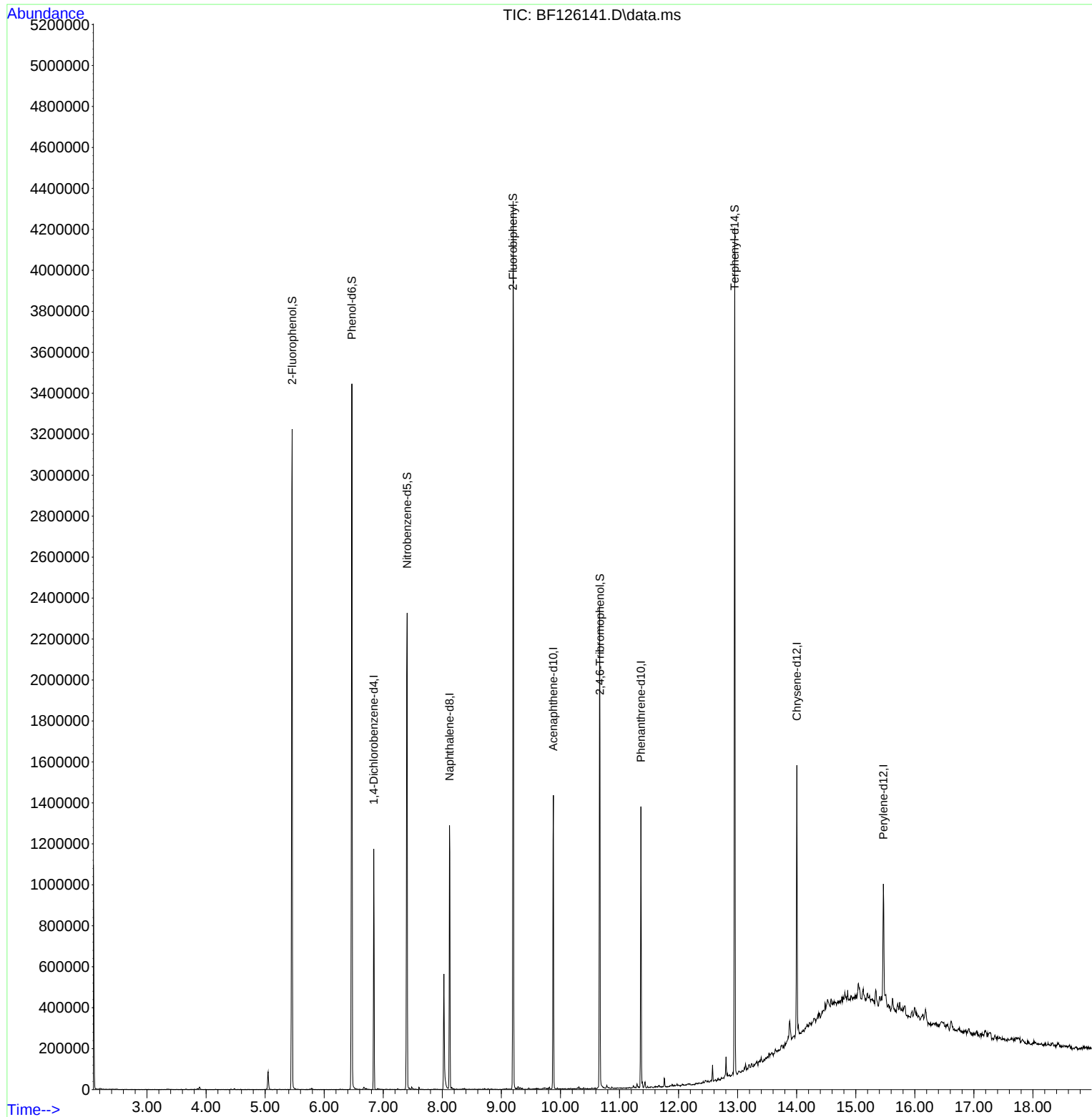
Target Compounds	Qvalue

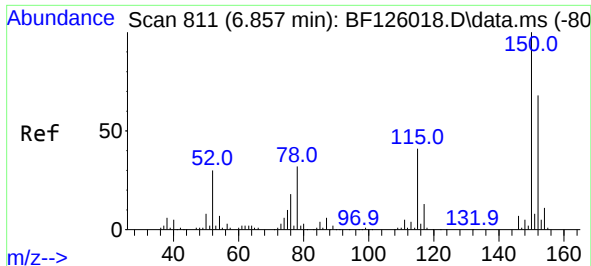
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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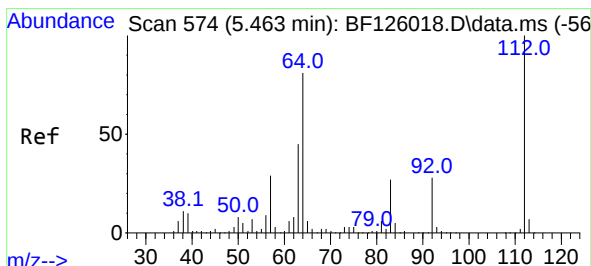
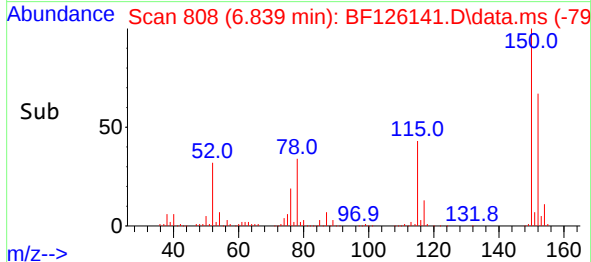
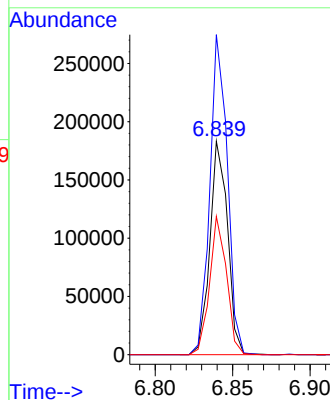
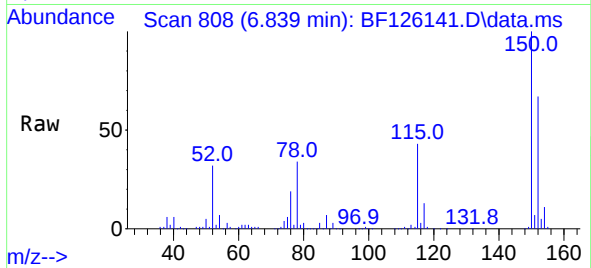




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

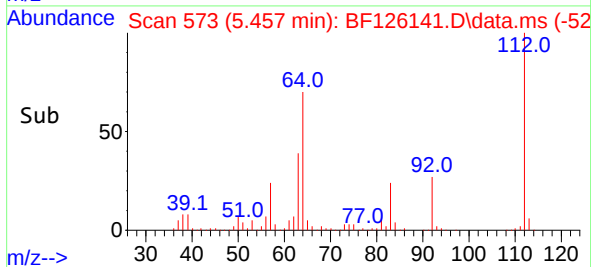
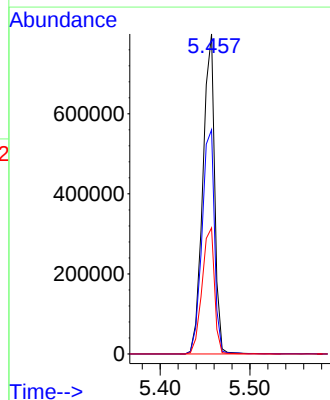
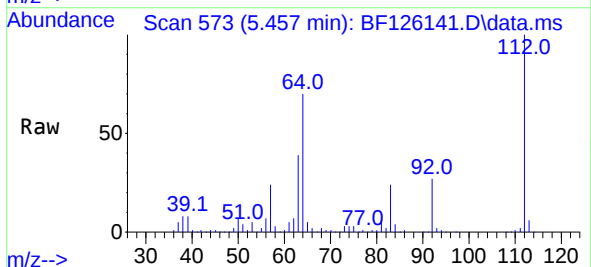
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

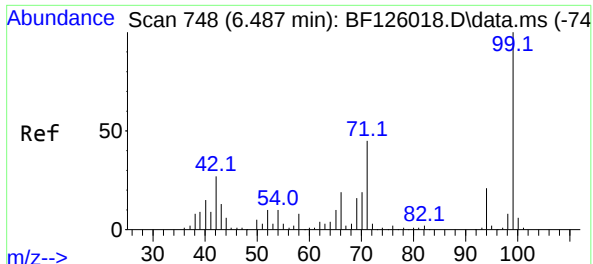
Tgt Ion:152 Resp: 145330
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.485 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:112 Resp: 731906
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 39.4 26.2 39.2#

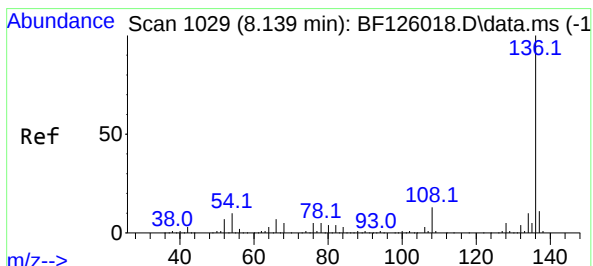
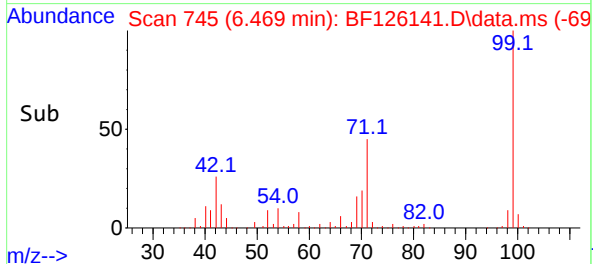
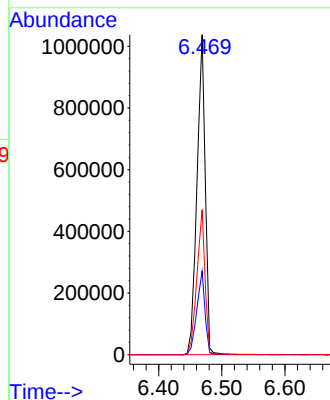
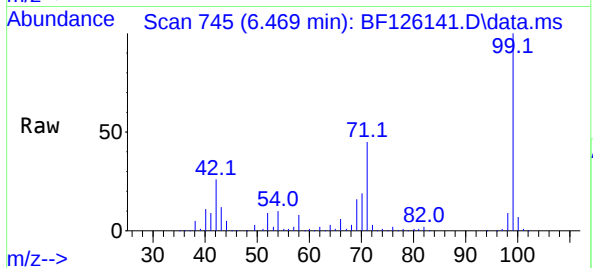




#7
Phenol-d6
Concen: 79.400 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

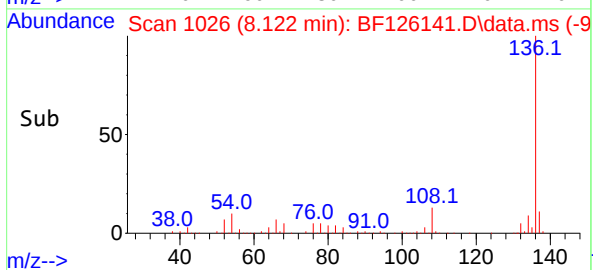
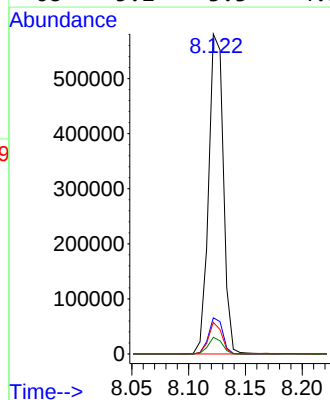
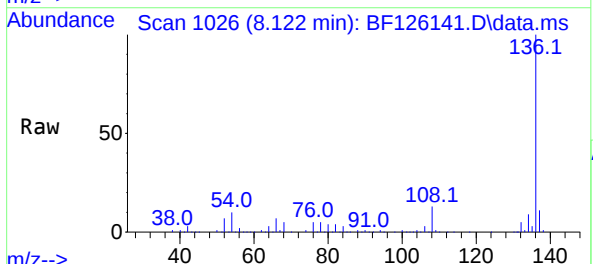
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

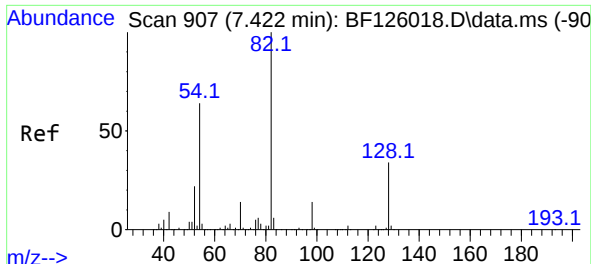
Tgt Ion: 99 Resp: 947221
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 45.4 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 136 Resp: 523680
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 62.313 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF126141.D

Acq: 11 Nov 2021 23:35

Instrument :

BNA_F

ClientSampleId :

TT-3/4-5

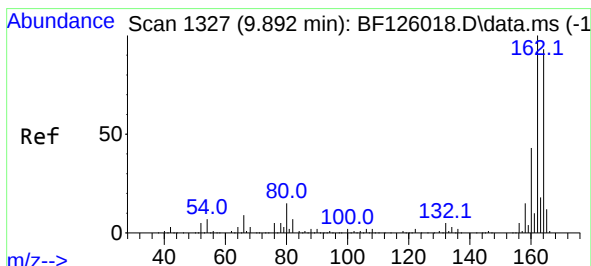
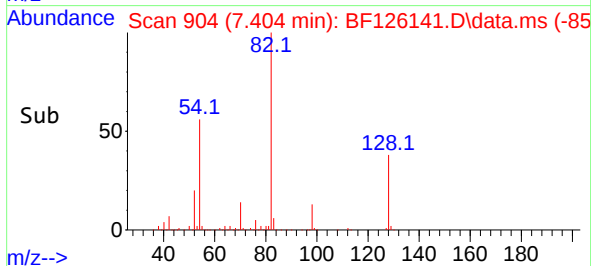
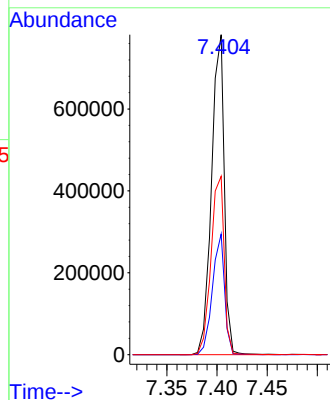
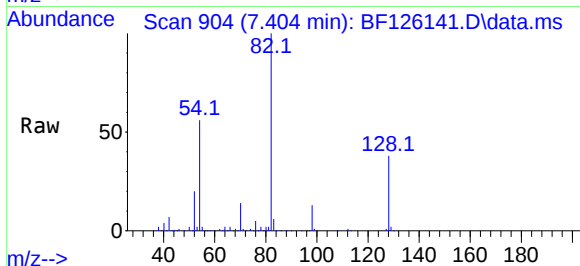
Tgt Ion: 82 Resp: 691935

Ion Ratio Lower Upper

82 100

128 37.7 40.6 60.8#

54 55.8 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: BF126141.D

Acq: 11 Nov 2021 23:35

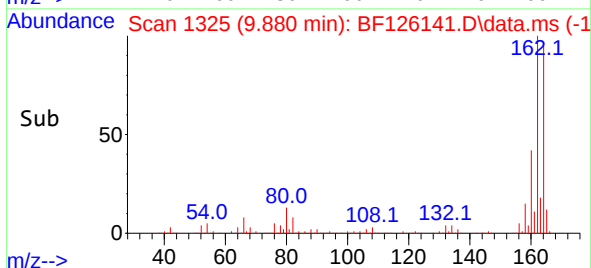
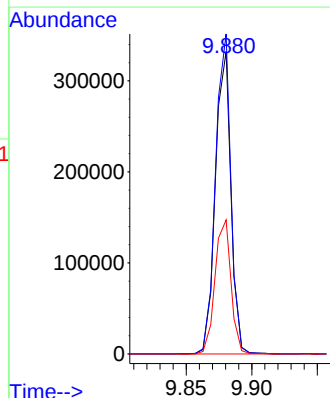
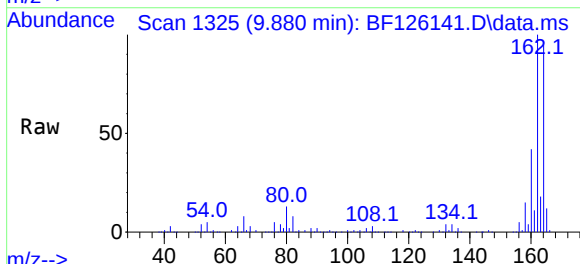
Tgt Ion:164 Resp: 272862

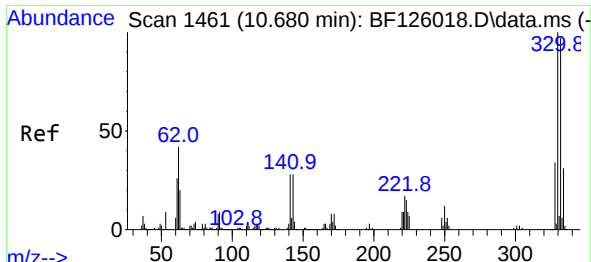
Ion Ratio Lower Upper

164 100

162 105.8 81.3 121.9

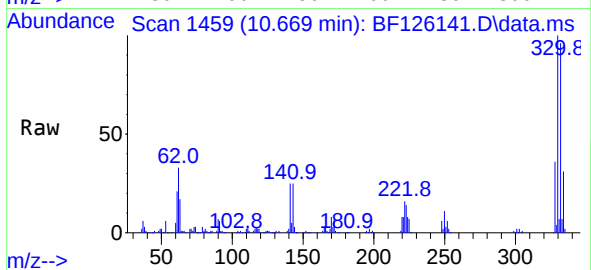
160 44.3 38.0 57.0



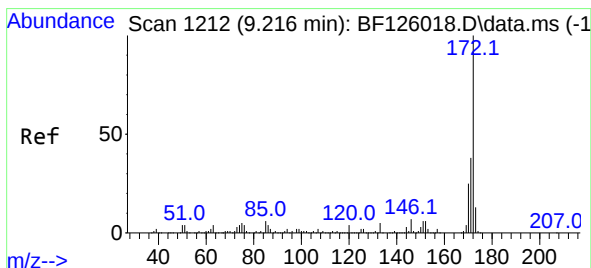
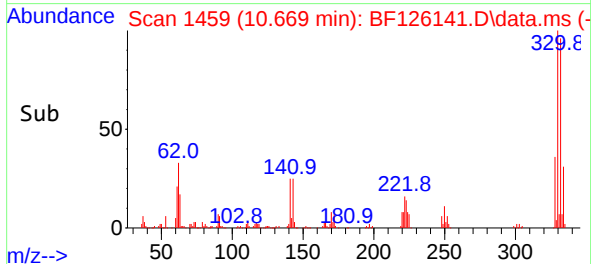
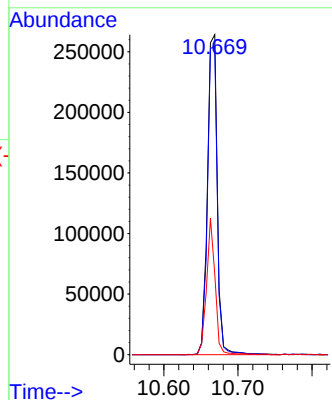


#42
2,4,6-Tribromophenol
Concen: 78.344 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Instrument :
BNA_F
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TT-3/4-5

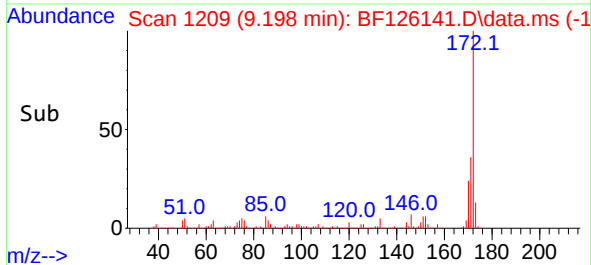
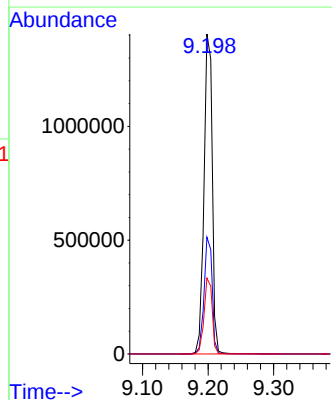
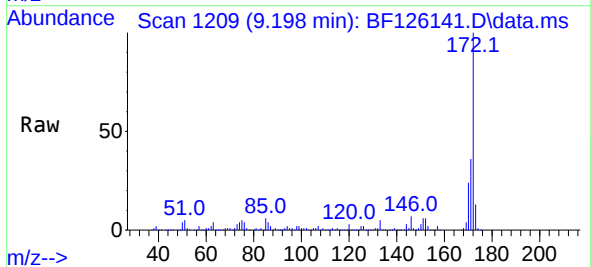


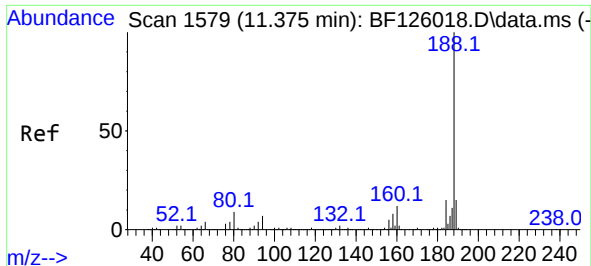
Tgt Ion:330 Resp: 244984
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 37.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.449 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:172 Resp: 1240758
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 23.7 18.8 28.2

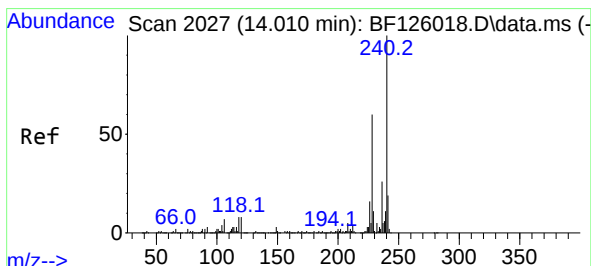
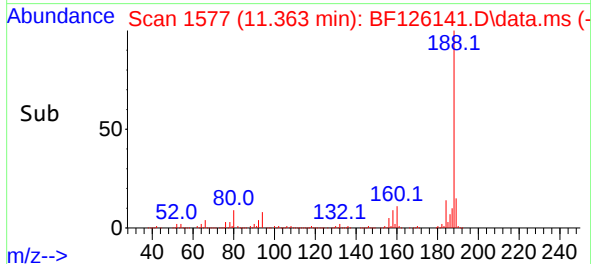
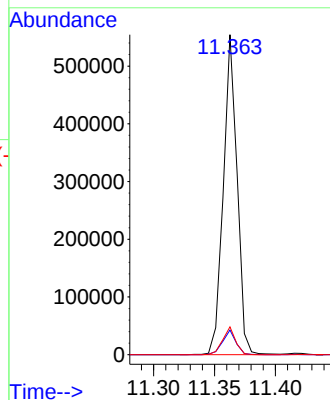
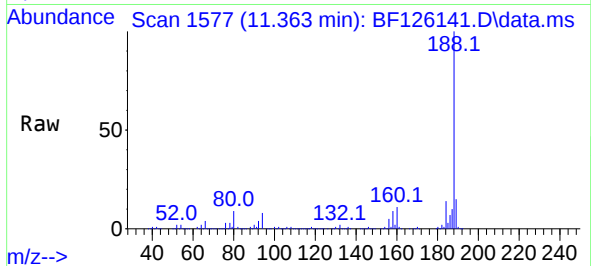




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

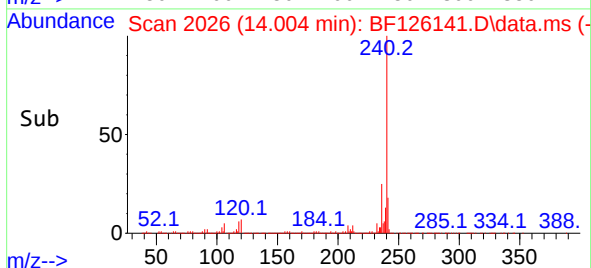
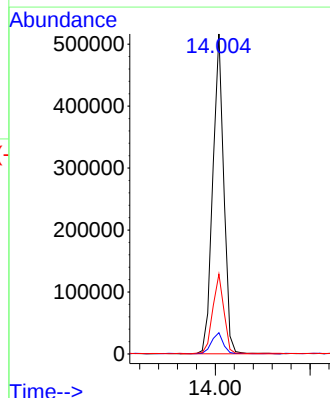
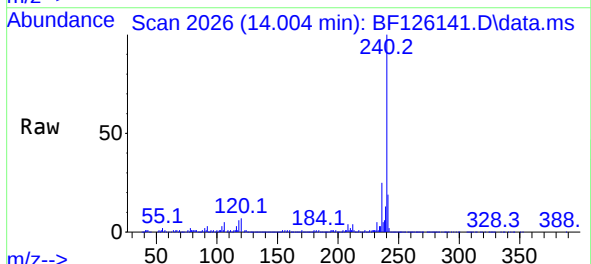
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

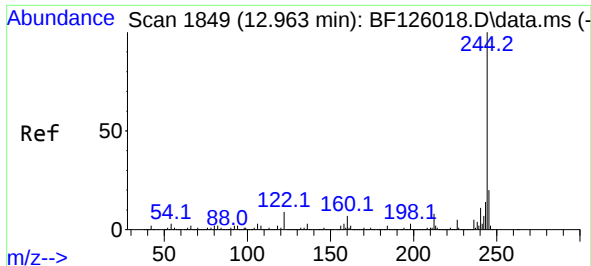
Tgt Ion:188 Resp: 436592
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:240 Resp: 414533
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 25.0 21.6 32.4

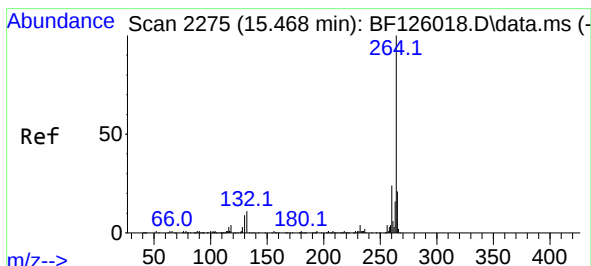
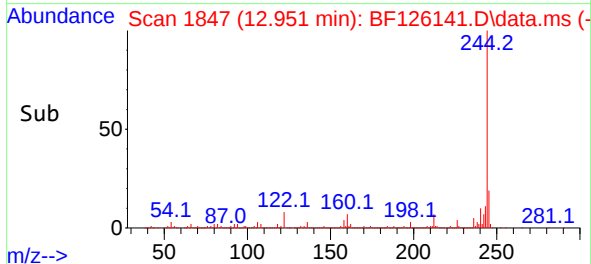
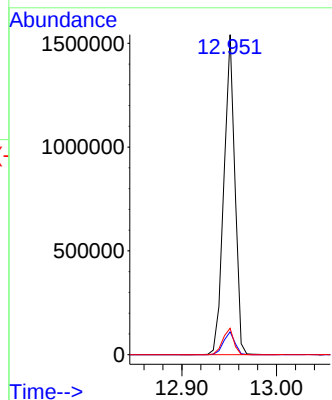
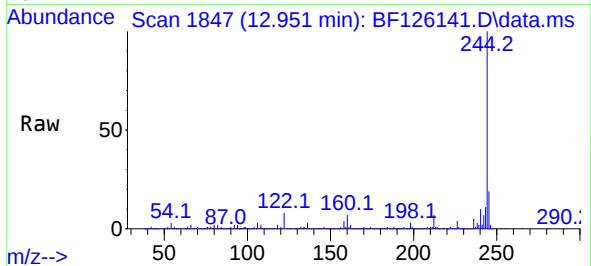




#79
 Terphenyl-d14
 Concen: 48.456 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126141.D
 Acq: 11 Nov 2021 23:35

Instrument :
 BNA_F
 ClientSampleId :
 TT-3/4-5

Tgt Ion:244 Resp: 1245638
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126141.D
 Acq: 11 Nov 2021 23:35

Tgt Ion:264 Resp: 266603
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.6 17.2 25.8

