

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126140.D
 Acq On : 11 Nov 2021 23:03
 Operator : JU/CG
 Sample : M4639-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-10/0-1

Quant Time: Nov 12 09:44:35 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	141857	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	519463	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	284008	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	433976	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	395473	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	315727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	763840	92.468	ng	0.00
7) Phenol-d6	6.469	99	1004863	86.294	ng	-0.02
23) Nitrobenzene-d5	7.404	82	729949	66.270	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	265199	81.481	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1297799	61.752	ng	-0.02
79) Terphenyl-d14	12.951	244	1114374	45.439	ng	-0.01

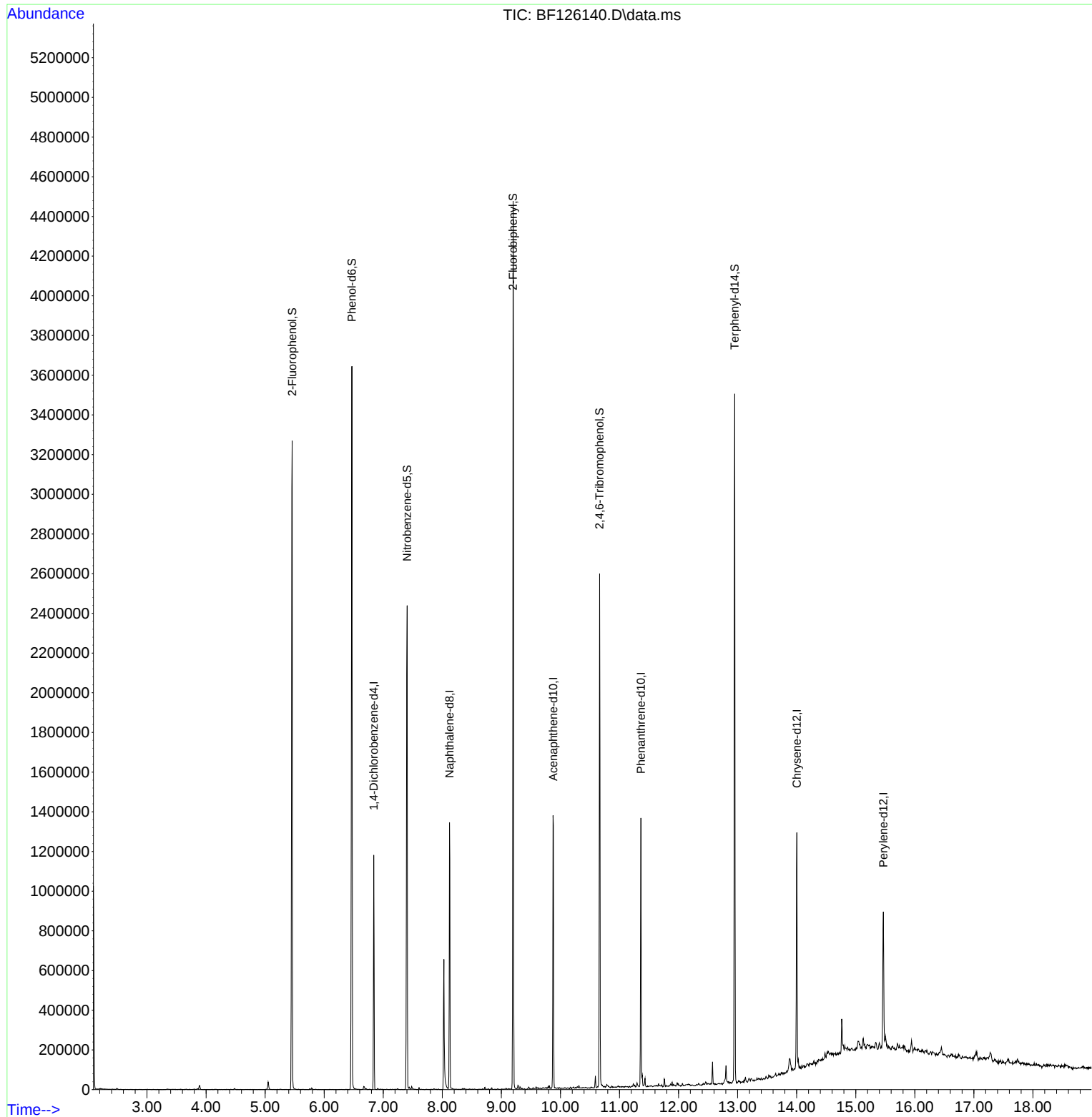
Target Compounds	Qvalue

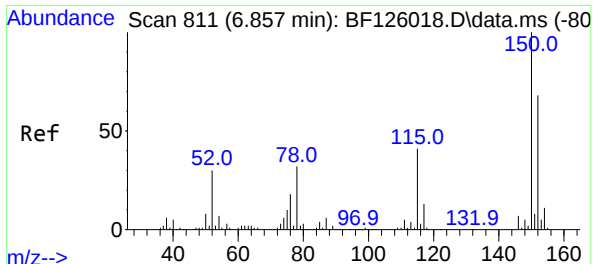
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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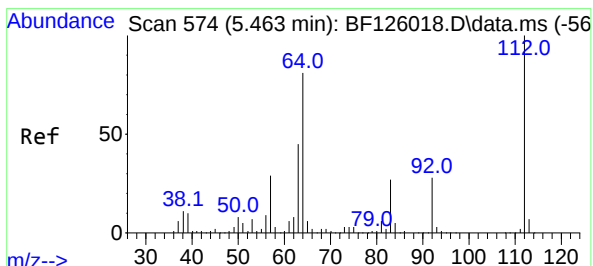
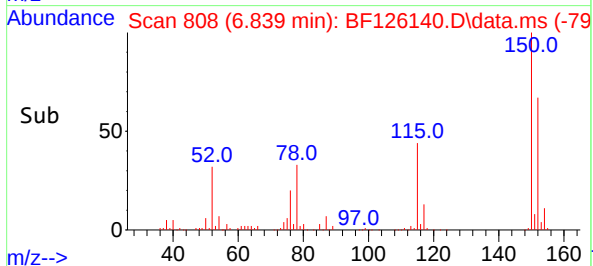
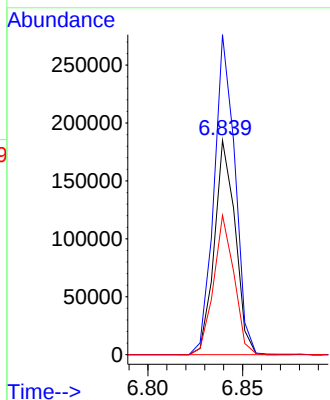
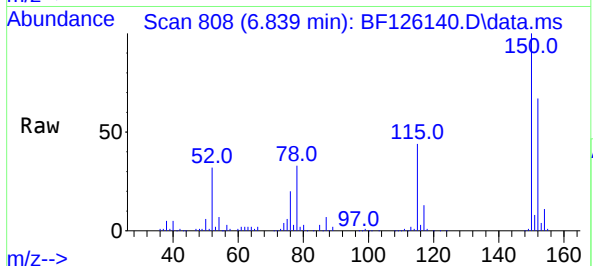




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

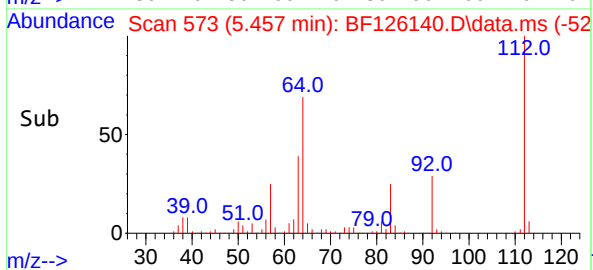
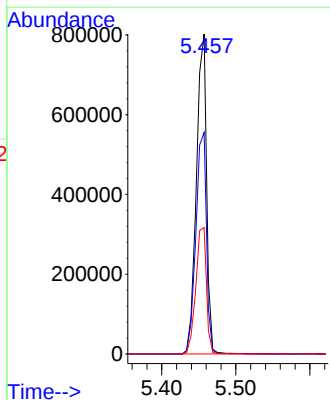
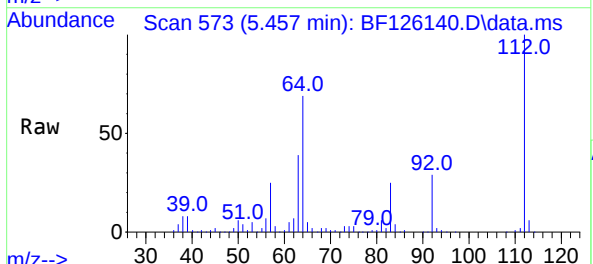
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

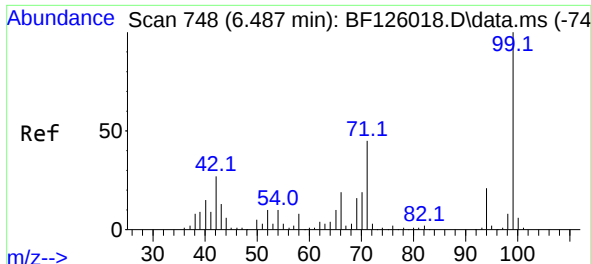
Tgt Ion:152 Resp: 141857
Ion Ratio Lower Upper
152 100
150 149.3 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 92.468 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:112 Resp: 763840
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 39.5 26.2 39.2#

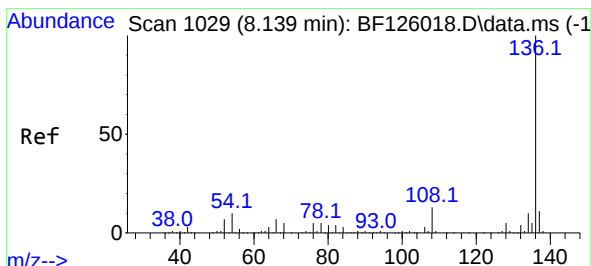
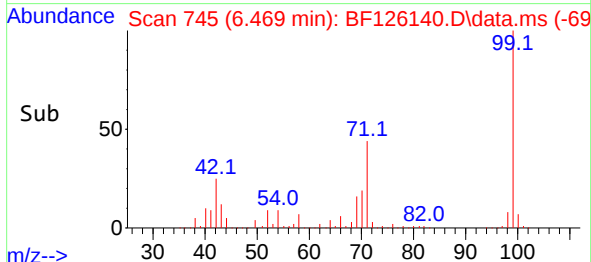
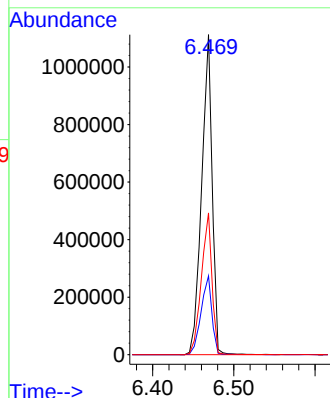
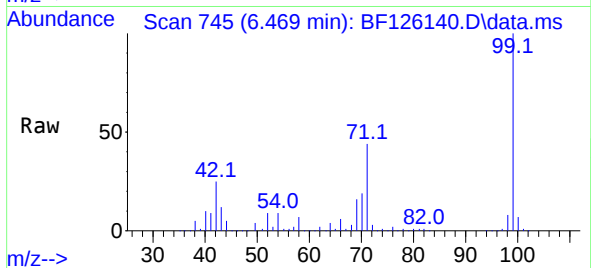




#7
Phenol-d6
Concen: 86.294 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

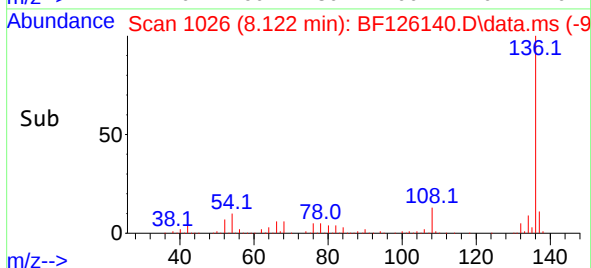
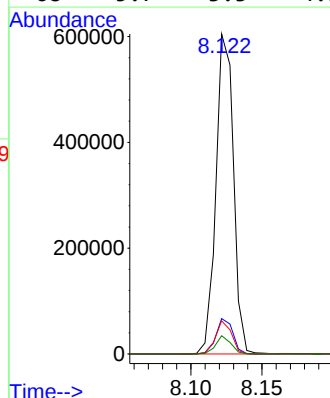
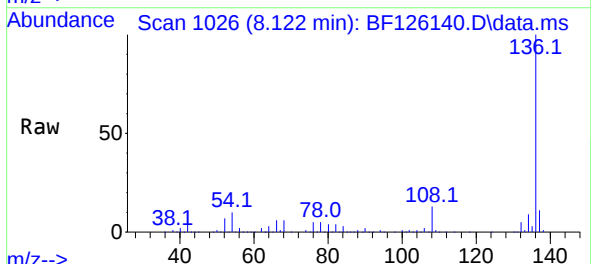
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

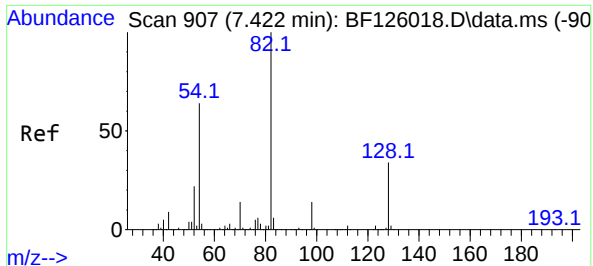
Tgt Ion: 99 Resp: 1004863
Ion Ratio Lower Upper
99 100
42 24.6 23.5 35.3
71 44.3 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:136 Resp: 519463
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.3 6.4 9.6#
68 5.7 3.3 4.9#

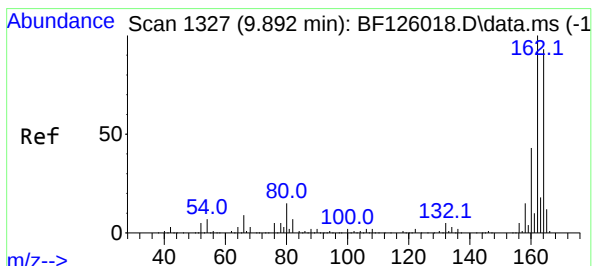
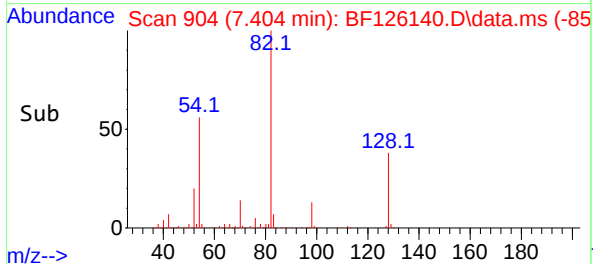
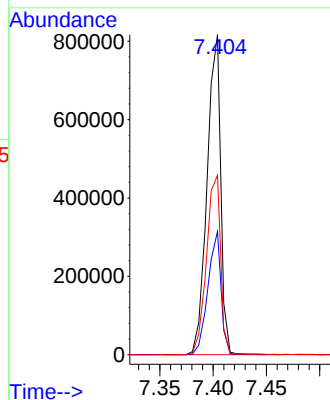
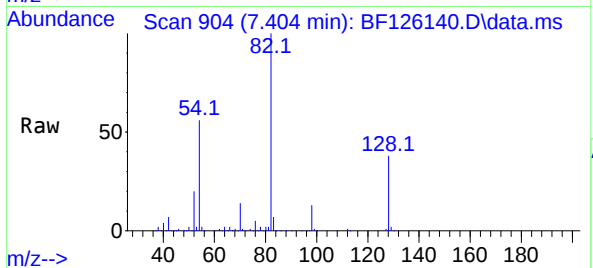




#23
Nitrobenzene-d5
Concen: 66.270 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

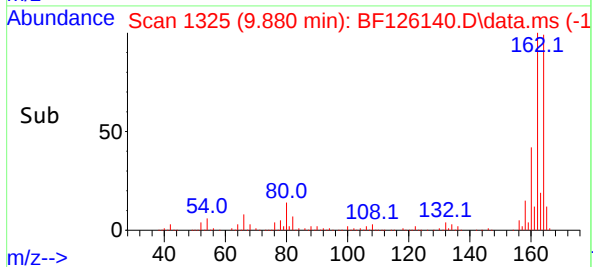
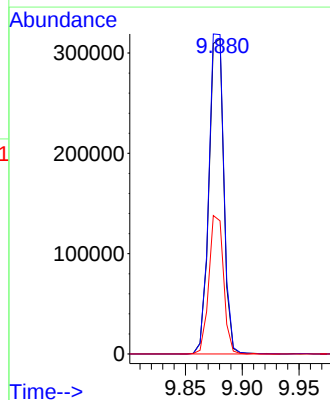
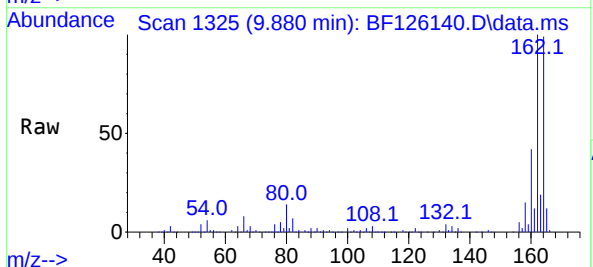
Instrument :
BNA_F
ClientSampleId :
TT-10/0-1

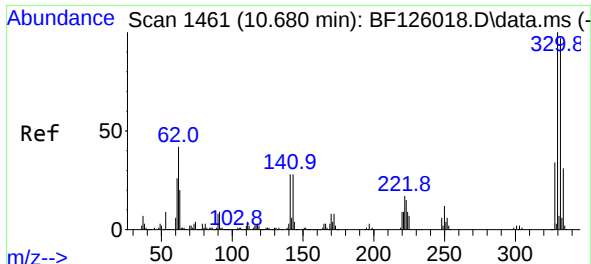
Tgt Ion: 82 Resp: 729949
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 56.1 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion: 164 Resp: 284008
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 42.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 81.481 ng

RT: 10.663 min Scan# 1461

Delta R.T. -0.018 min

Lab File: BF126140.D

Acq: 11 Nov 2021 23:03

Instrument :

BNA_F

ClientSampleId :

TT-10/0-1

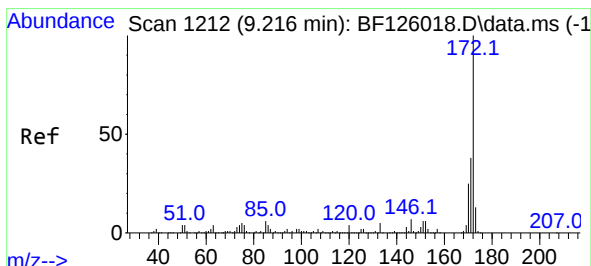
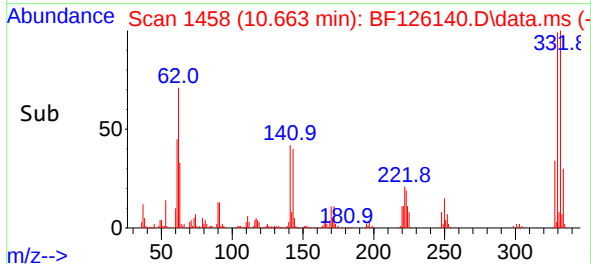
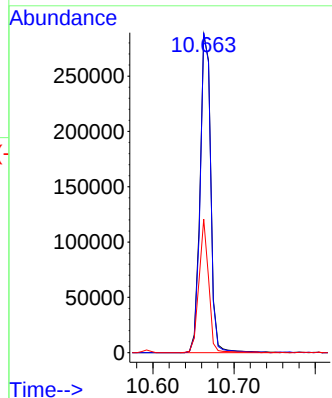
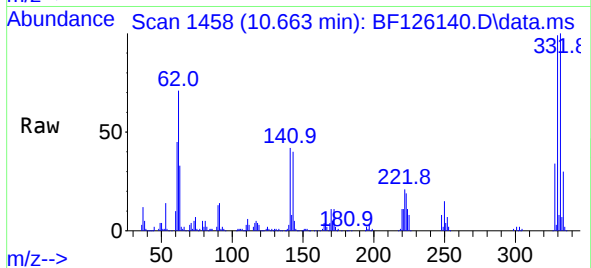
Tgt Ion:330 Resp: 265199

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 38.0 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 61.752 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.018 min

Lab File: BF126140.D

Acq: 11 Nov 2021 23:03

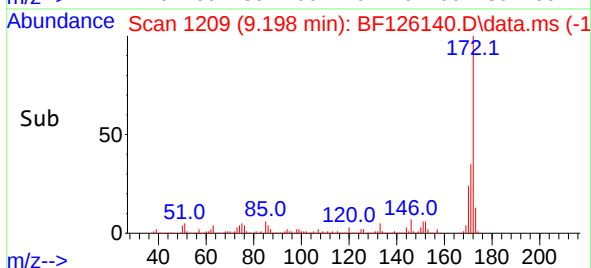
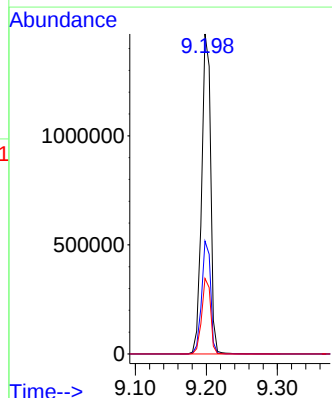
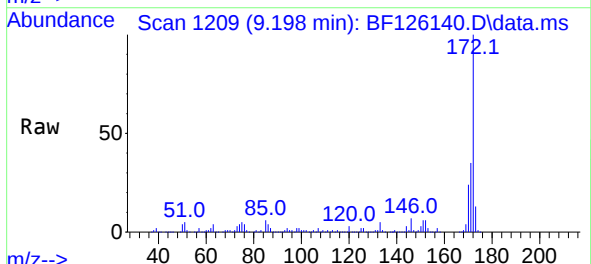
Tgt Ion:172 Resp: 1297799

Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.6 18.8 28.2

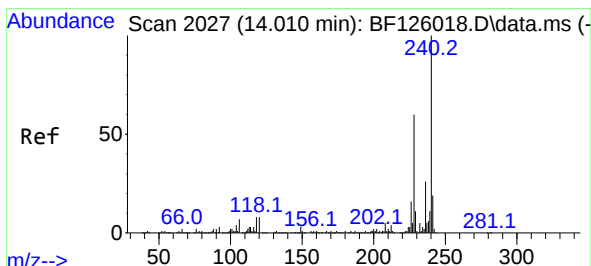
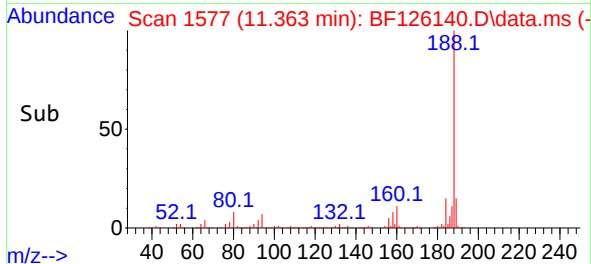
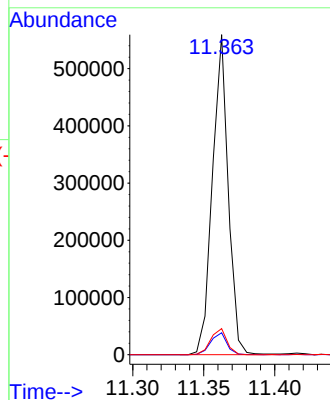
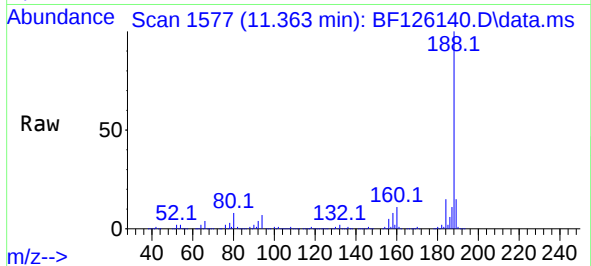




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

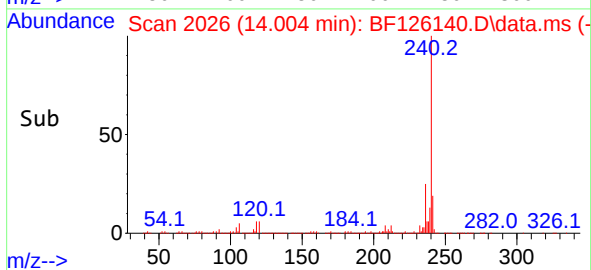
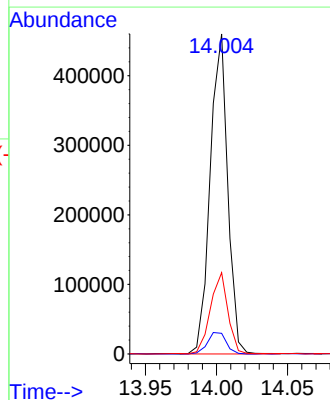
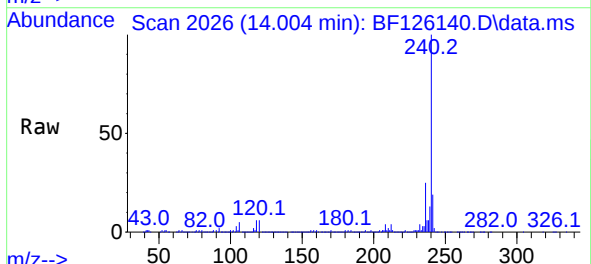
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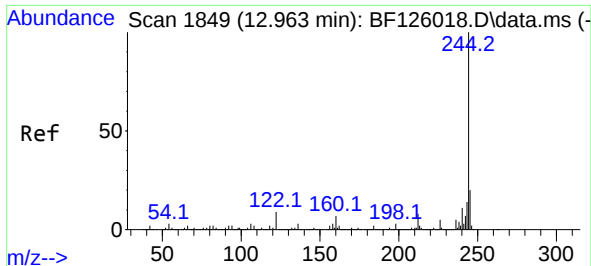
Tgt Ion:188 Resp: 433976
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126140.D
Acq: 11 Nov 2021 23:03

Tgt Ion:240 Resp: 395473
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 25.4 21.6 32.4

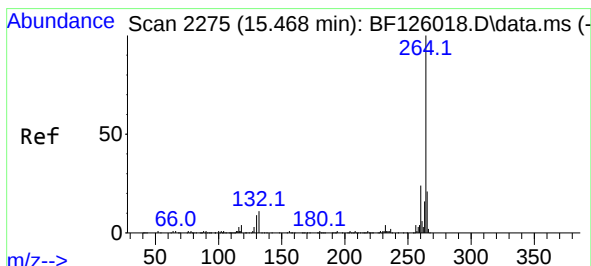
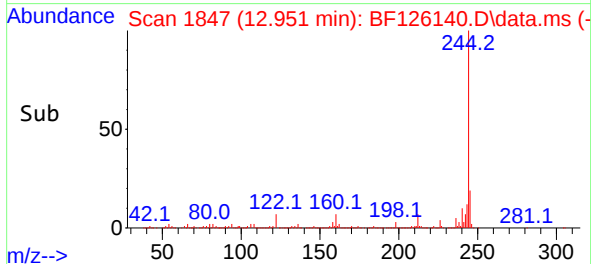
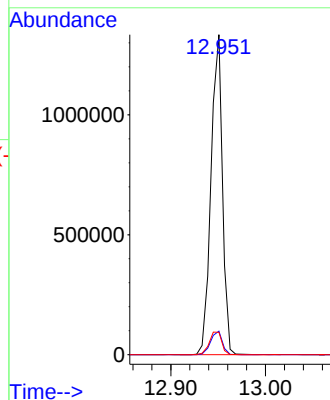
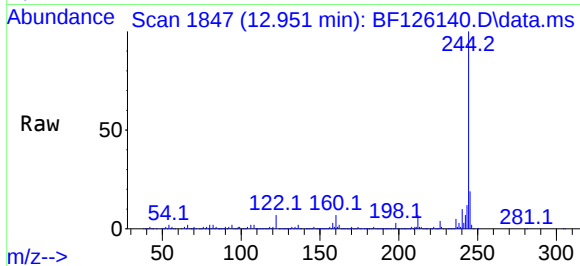




#79
 Terphenyl-d14
 Concen: 45.439 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126140.D
 Acq: 11 Nov 2021 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TT-10/0-1

Tgt Ion:244 Resp: 1114374
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 7.0 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: BF126140.D
 Acq: 11 Nov 2021 23:03

Tgt Ion:264 Resp: 315727
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 22.1 17.2 25.8

