

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126124.D
 Acq On : 11 Nov 2021 13:45
 Operator : JU/CG
 Sample : M4576-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Nov 11 15:11:54 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	122133	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	466834	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	280762	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	540628	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	498310	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	412917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	290440	40.838	ng	-0.01
7) Phenol-d6	6.463	99	221520	22.095	ng	-0.02
23) Nitrobenzene-d5	7.404	82	888383	89.746	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	303306	94.266	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1587836	76.426	ng	-0.01
79) Terphenyl-d14	12.957	244	2201809	71.251	ng	0.00

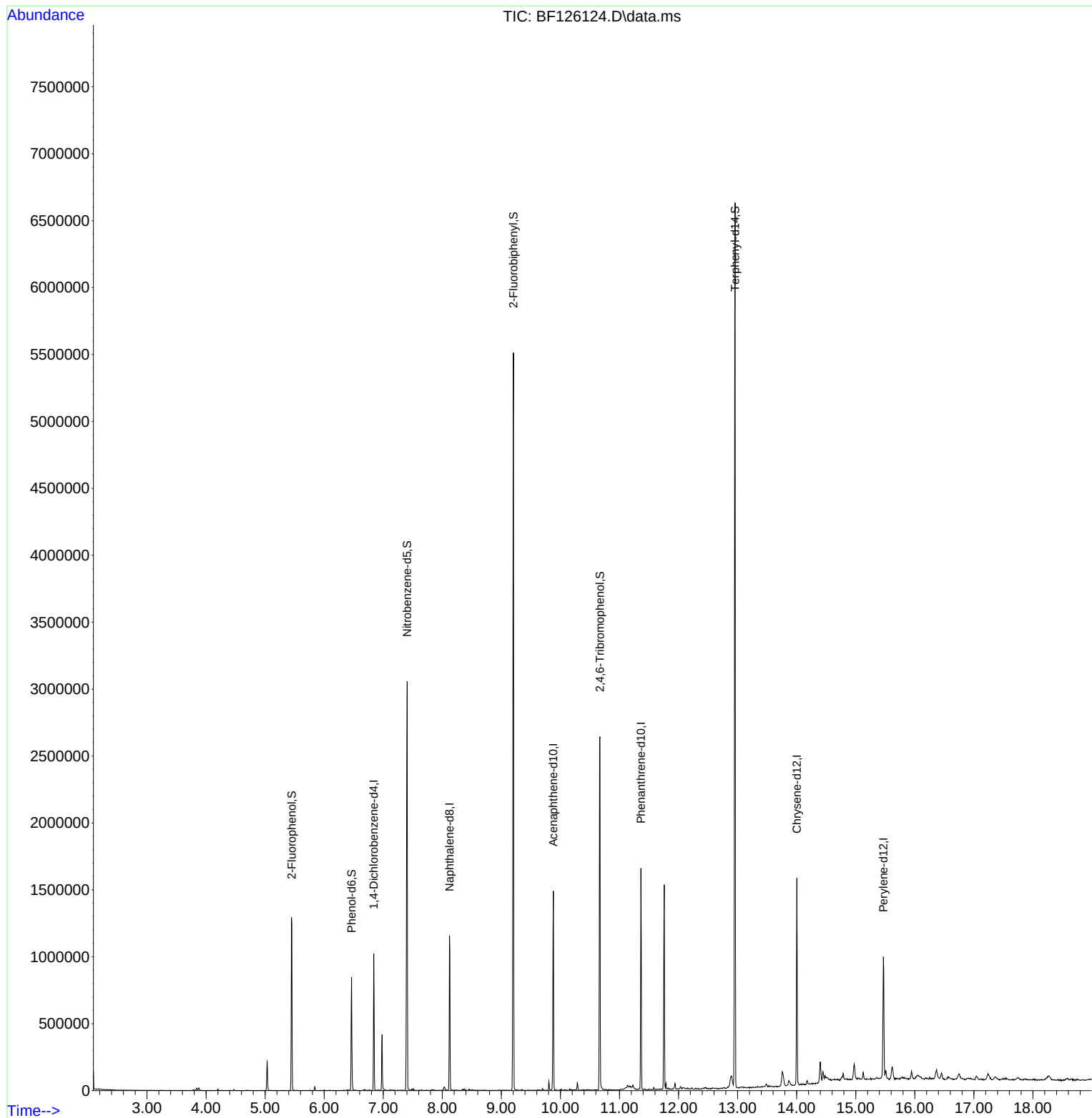
Target Compounds	Qvalue

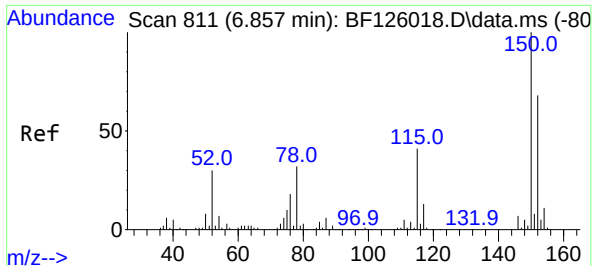
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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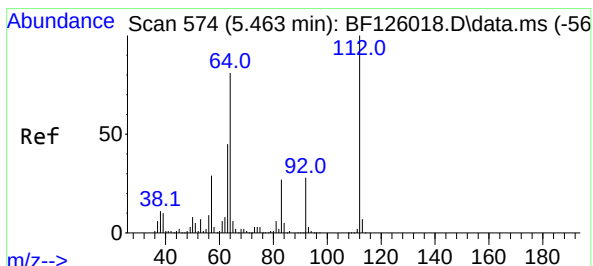
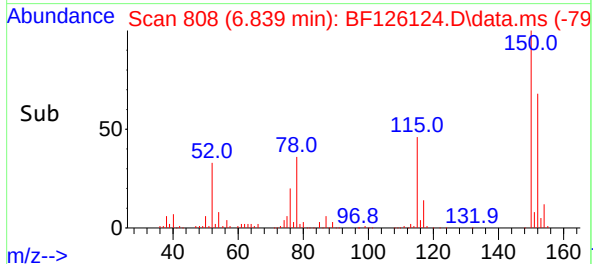
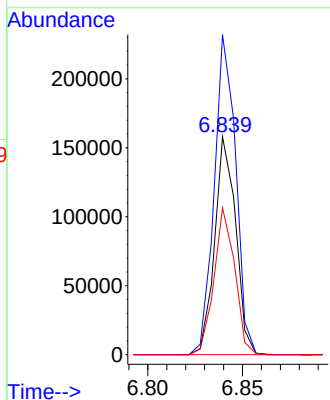
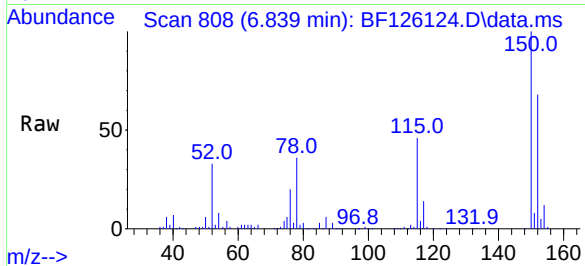




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

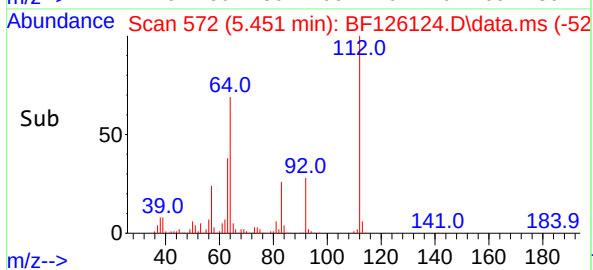
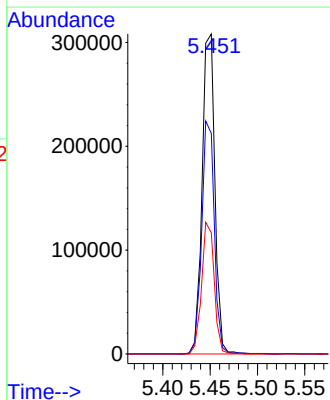
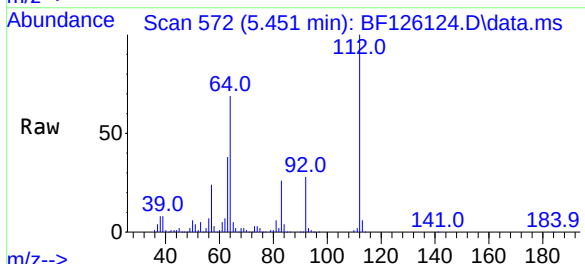
Instrument :
BNA_F
ClientSampleId :
TW-1

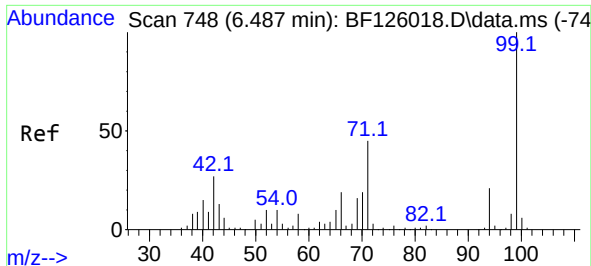
Tgt Ion:152 Resp: 122133
Ion Ratio Lower Upper
152 100
150 146.8 117.6 176.4
115 67.4 47.1 70.7



#5
2-Fluorophenol
Concen: 40.838 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

Tgt Ion:112 Resp: 290440
Ion Ratio Lower Upper
112 100
64 68.9 44.2 66.2#
63 37.9 26.2 39.2

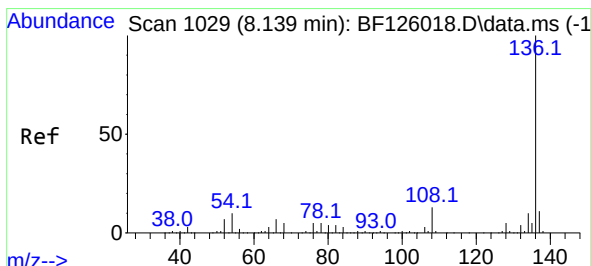
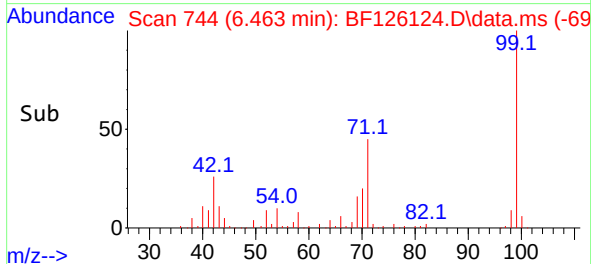
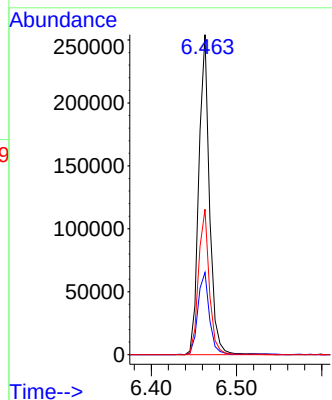
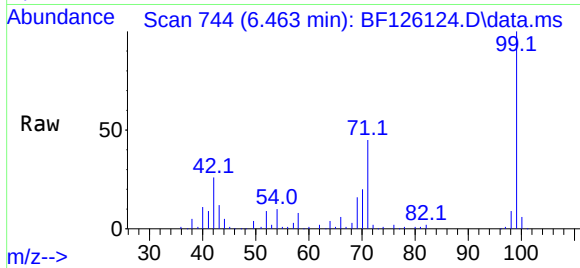




#7
Phenol-d6
Concen: 22.095 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

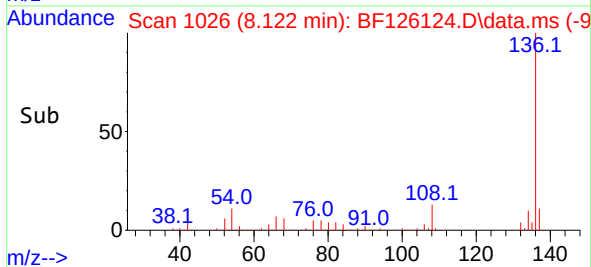
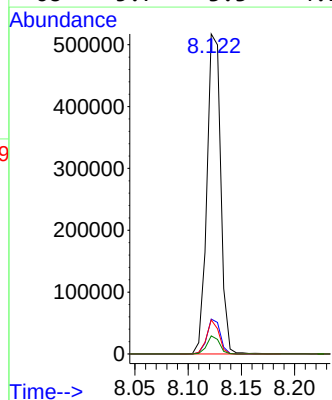
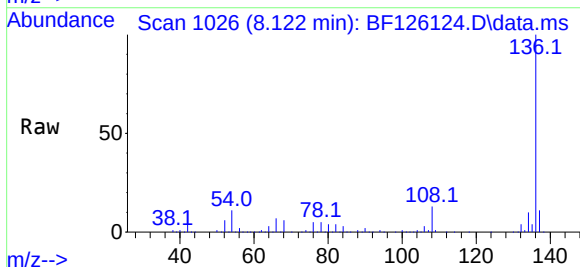
Instrument :
BNA_F
ClientSampleId :
TW-1

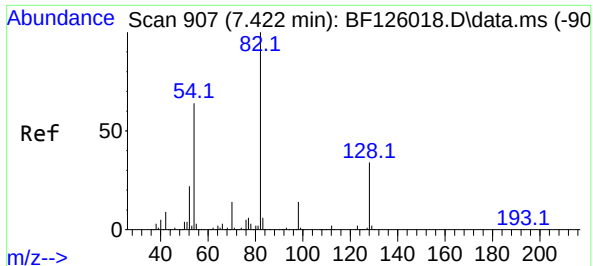
Tgt Ion: 99 Resp: 221520
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 45.5 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

Tgt Ion: 136 Resp: 466834
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.7 6.4 9.6#
68 5.7 3.3 4.9#

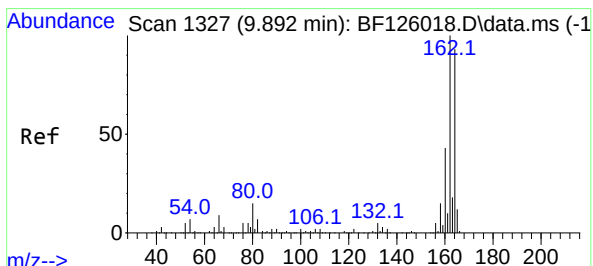
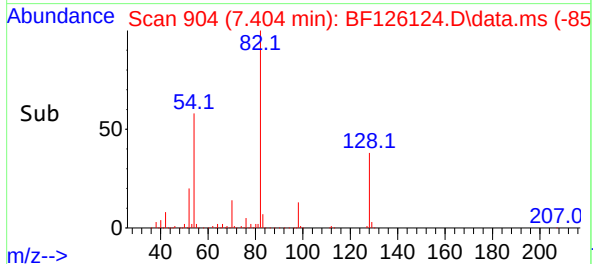
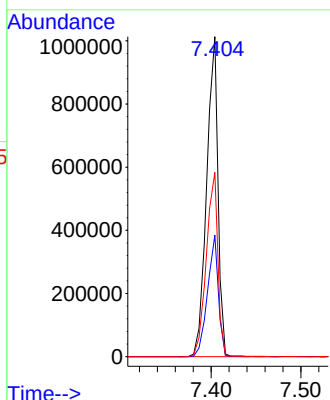
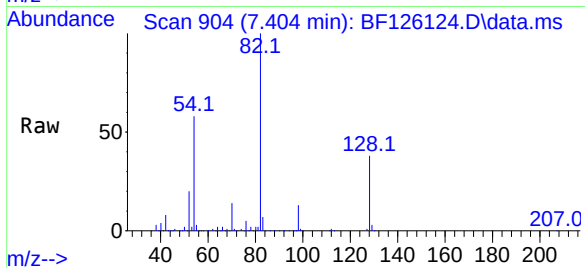




#23
Nitrobenzene-d5
Concen: 89.746 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

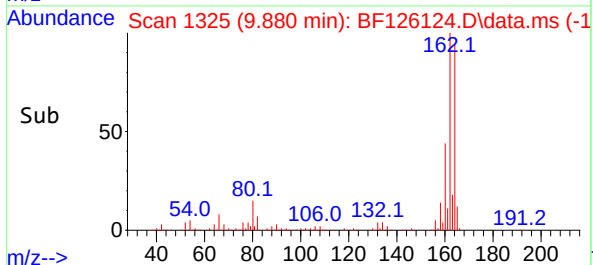
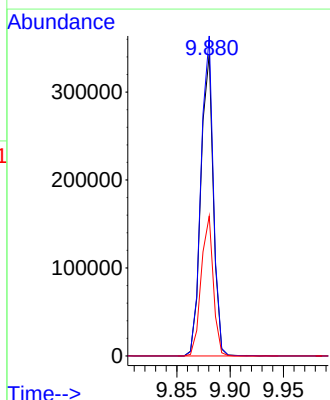
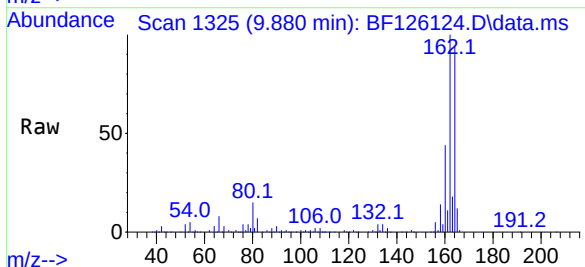
Instrument :
BNA_F
ClientSampleId :
TW-1

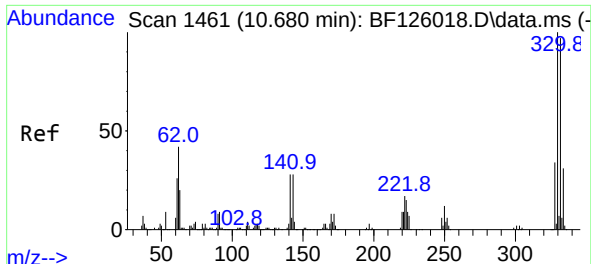
Tgt Ion: 82 Resp: 888383
Ion Ratio Lower Upper
82 100
128 37.9 40.6 60.8#
54 57.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

Tgt Ion:164 Resp: 280762
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 46.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 94.266 ng

RT: 10.669 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF126124.D

Acq: 11 Nov 2021 13:45

Instrument :

BNA_F

ClientSampleId :

TW-1

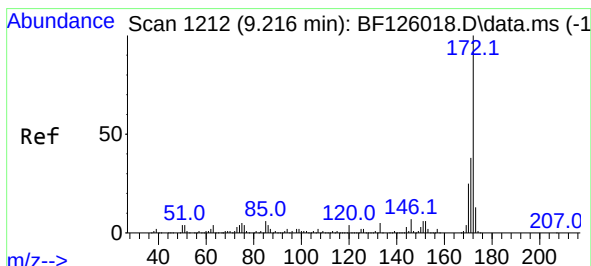
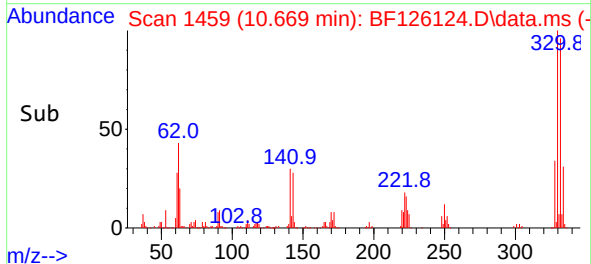
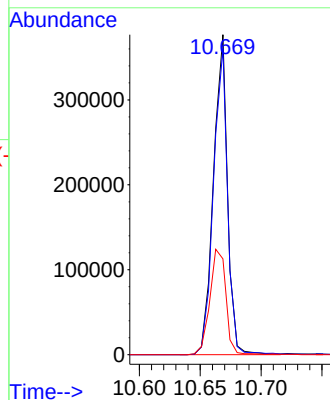
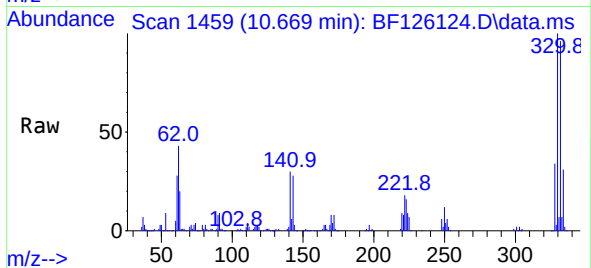
Tgt Ion:330 Resp: 303306

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 37.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 76.426 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.012 min

Lab File: BF126124.D

Acq: 11 Nov 2021 13:45

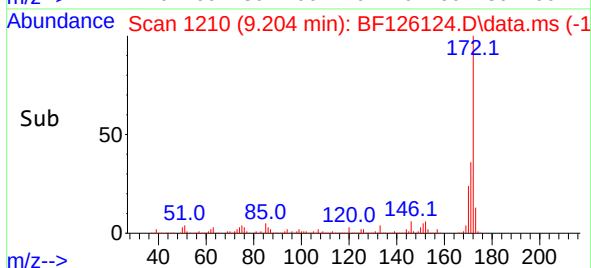
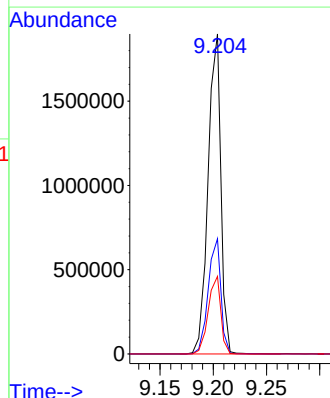
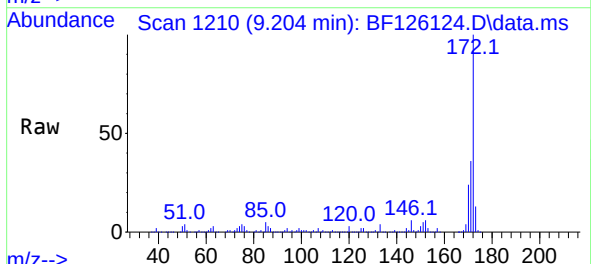
Tgt Ion:172 Resp: 1587836

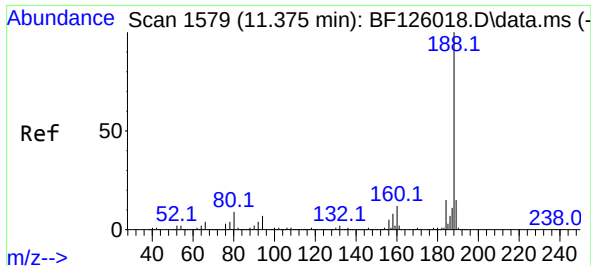
Ion Ratio Lower Upper

172 100

171 36.0 26.5 39.7

170 24.3 18.8 28.2

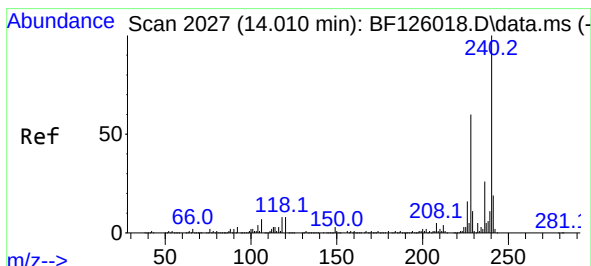
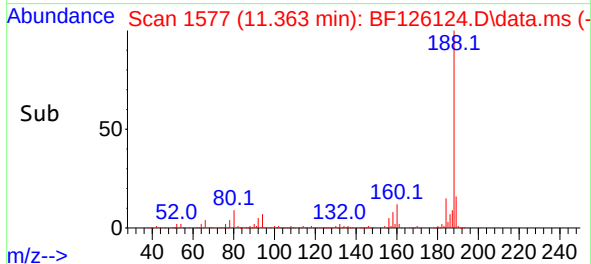
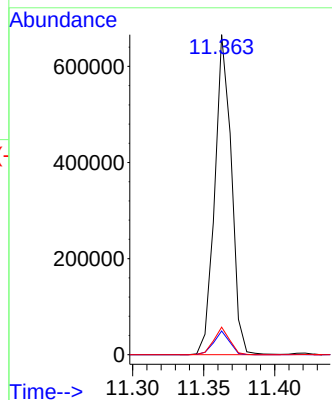
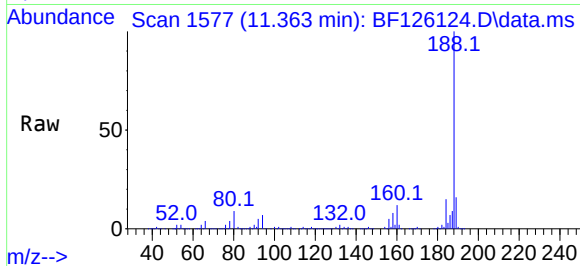




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

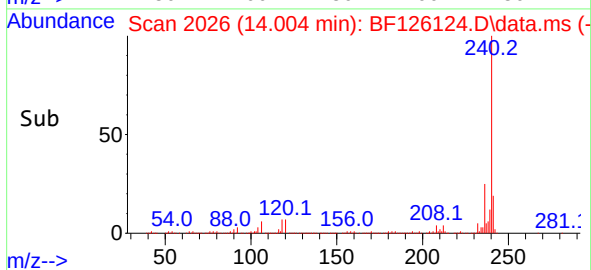
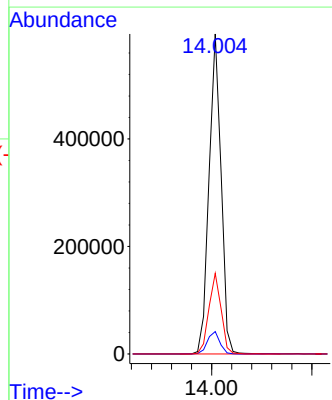
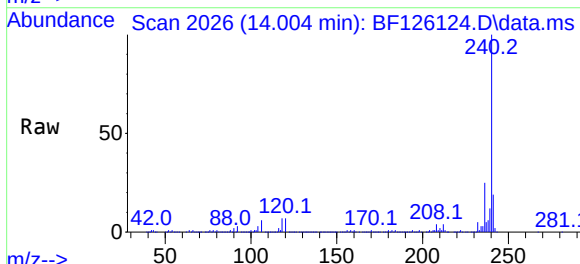
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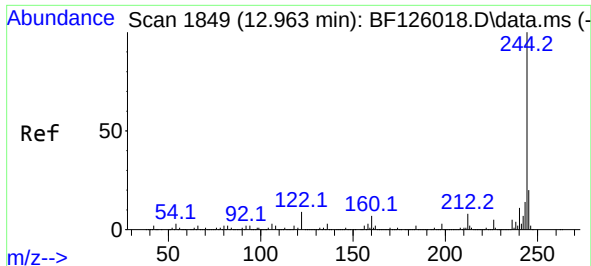
Tgt Ion:188 Resp: 540628
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126124.D
Acq: 11 Nov 2021 13:45

Tgt Ion:240 Resp: 498310
Ion Ratio Lower Upper
240 100
120 7.0 10.8 16.2#
236 25.2 21.6 32.4

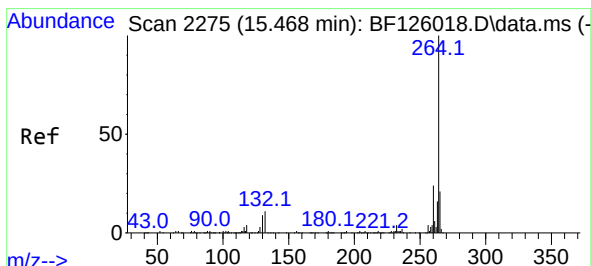
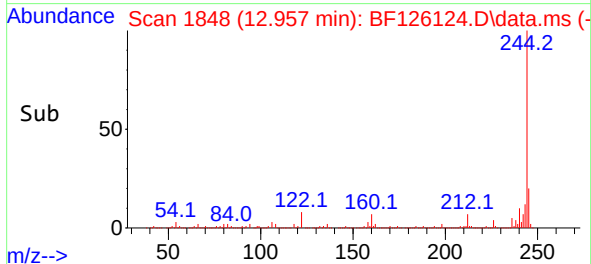
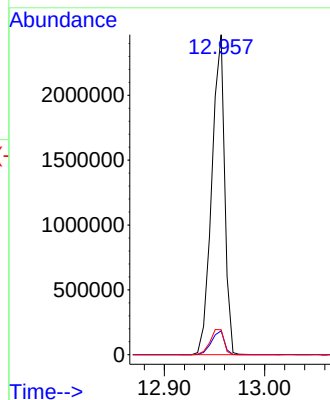
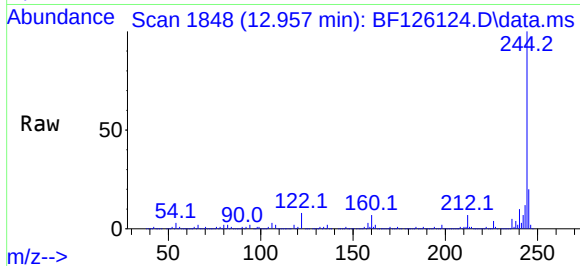




#79
 Terphenyl-d14
 Concen: 71.251 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126124.D
 Acq: 11 Nov 2021 13:45

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:244 Resp: 2201809
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 7.8 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: BF126124.D
 Acq: 11 Nov 2021 13:45

Tgt Ion:264 Resp: 412917
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.2 17.2 25.8

