

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126375.D
 Acq On : 28 Dec 2021 1:20
 Operator : JU/CG
 Sample : M5235-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122321

Quant Time: Dec 28 06:02:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	83239	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	301857	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	121473	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	216521	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	209888	20.000	ng	0.00
86) Perylene-d12	15.421	264	150261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	131912	23.338	ng	-0.01
7) Phenol-d6	6.434	99	157045	21.882	ng	-0.01
23) Nitrobenzene-d5	7.369	82	85865	15.406	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	24881	25.487	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	128532	18.558	ng	-0.01
79) Terphenyl-d14	12.915	244	145866	12.079	ng	-0.01

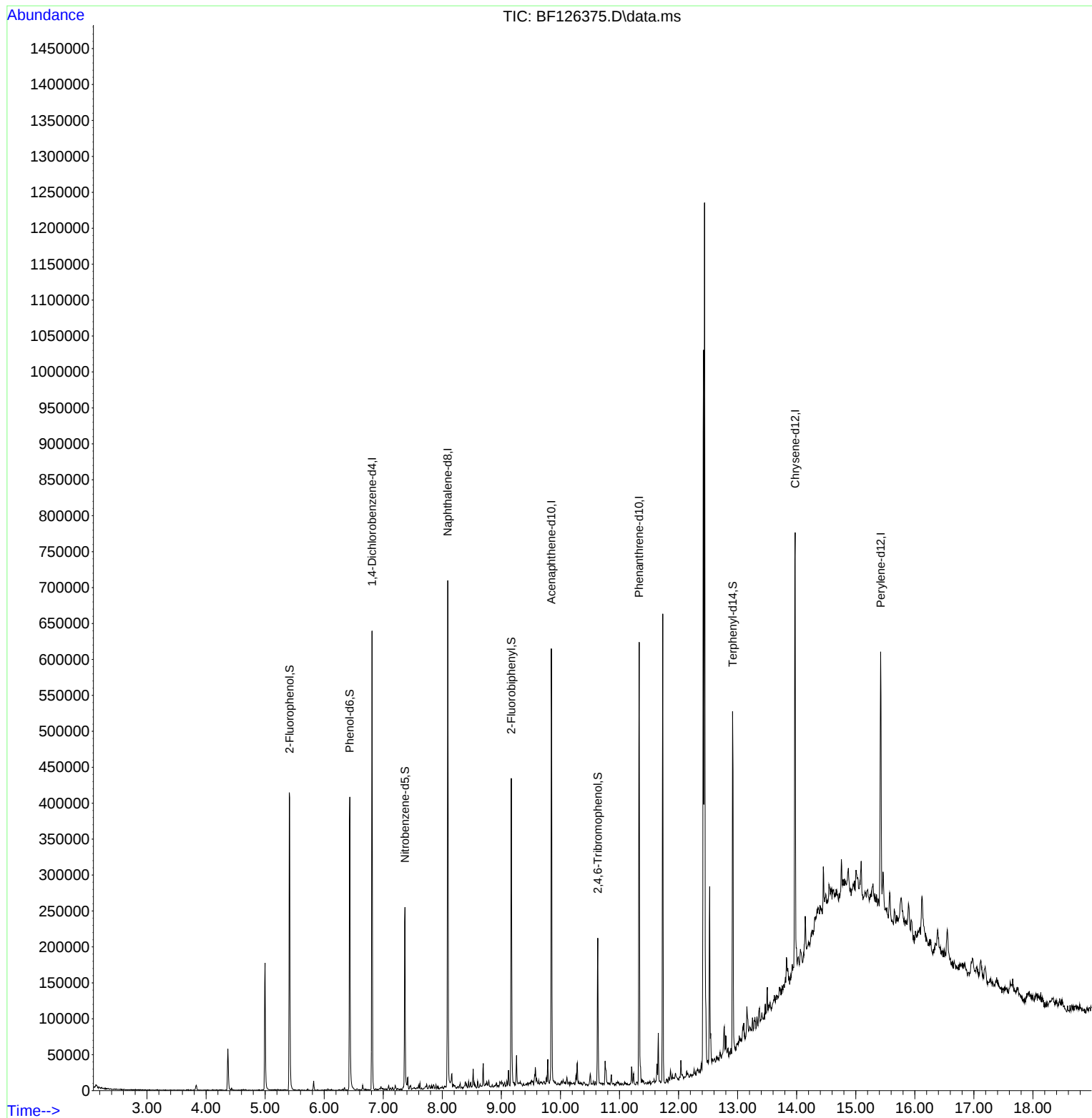
Target Compounds	Qvalue

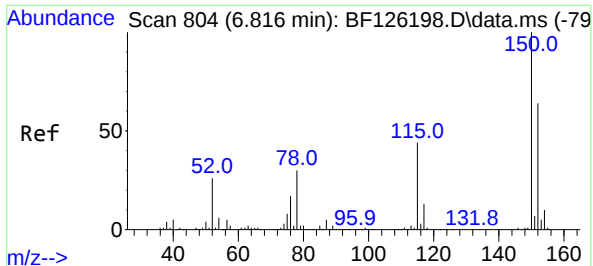
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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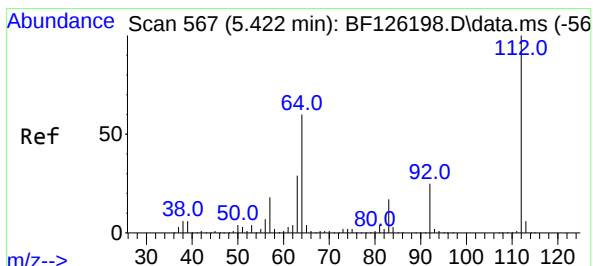
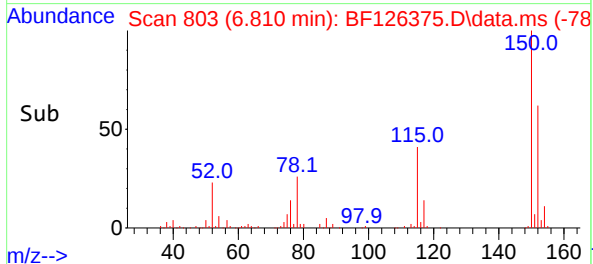
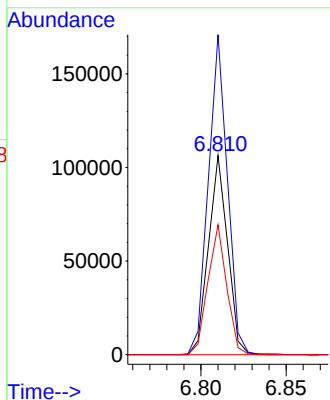
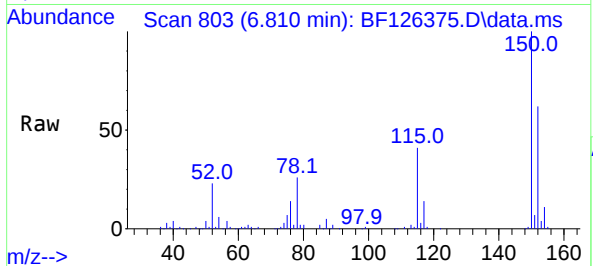




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

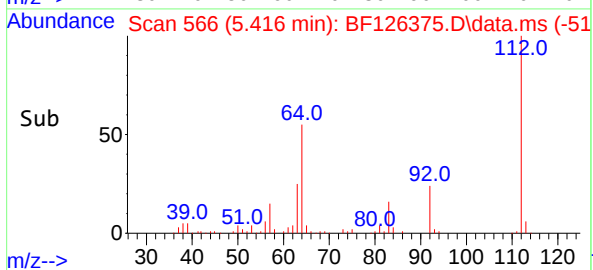
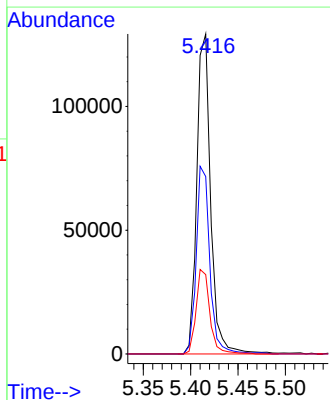
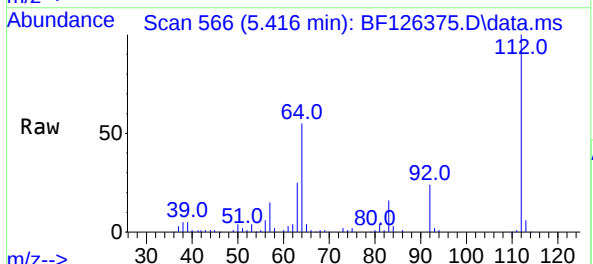
Instrument :
BNA_F
ClientSampleId :
HD-02-122321

Tgt Ion:152 Resp: 83239
Ion Ratio Lower Upper
152 100
150 160.6 117.6 176.4
115 65.2 47.1 70.7

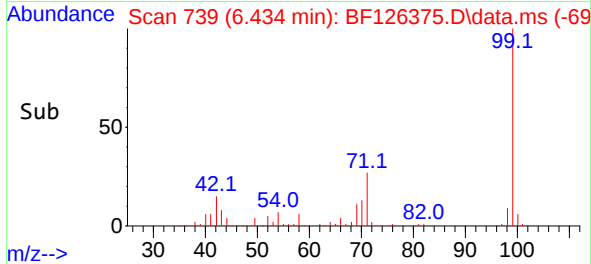
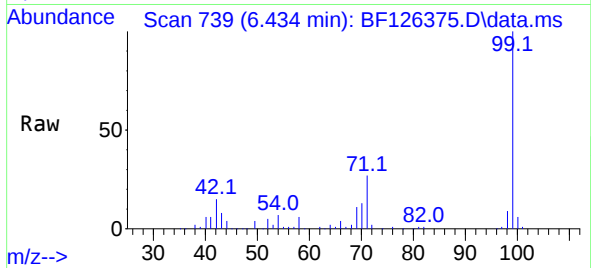
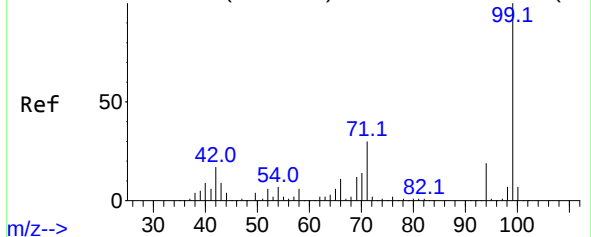


#5
2-Fluorophenol
Concen: 23.338 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

Tgt Ion:112 Resp: 131912
Ion Ratio Lower Upper
112 100
64 55.5 44.2 66.2
63 24.8 26.2 39.2#



Abundance Scan 741 (6.445 min): BF126198.D\data.ms (-73



#7

Phenol-d6

Concen: 21.882 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

Instrument :

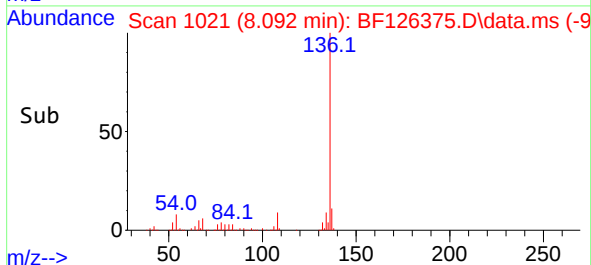
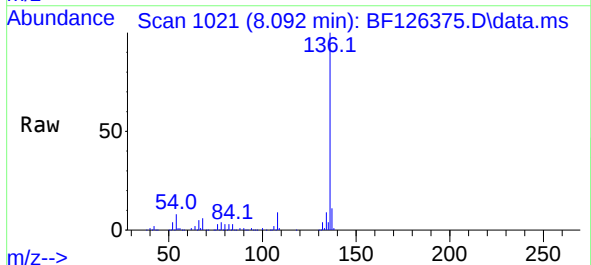
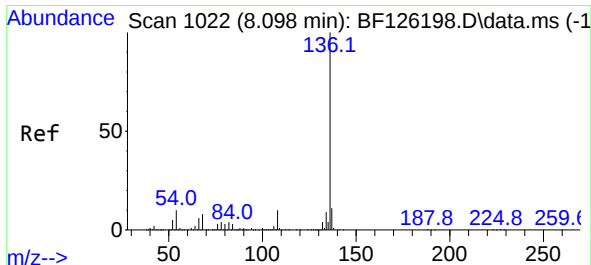
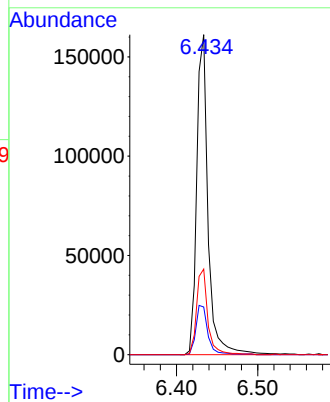
BNA_F

ClientSampleId :

HD-02-122321

Tgt Ion: 99 Resp: 157045

Ion	Ratio	Lower	Upper
99	100		
42	14.9	23.5	35.3#
71	26.7	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

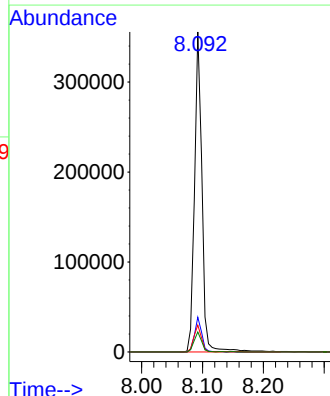
Delta R.T. -0.012 min

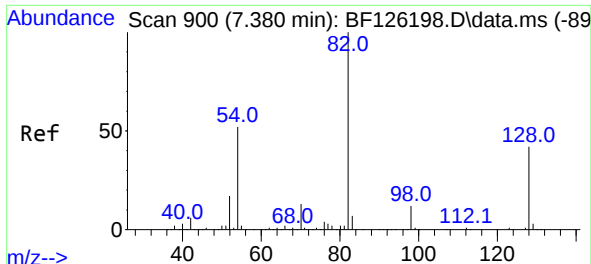
Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

Tgt Ion: 136 Resp: 301857

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	8.4	6.4	9.6
68	6.3	3.3	4.9#

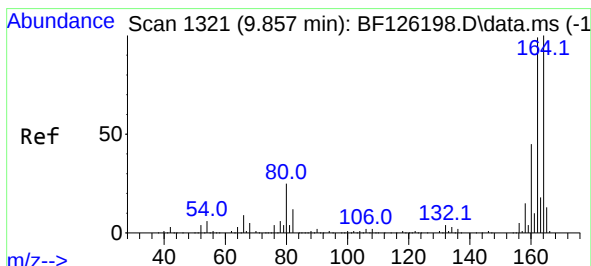
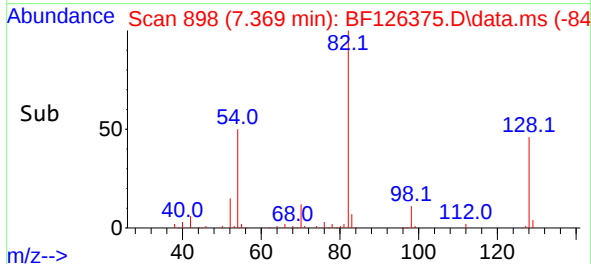
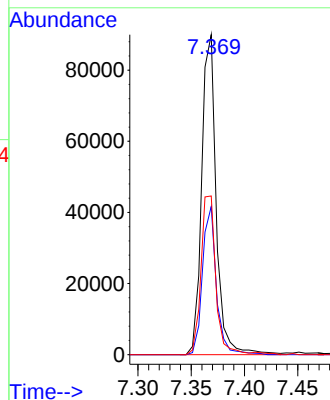
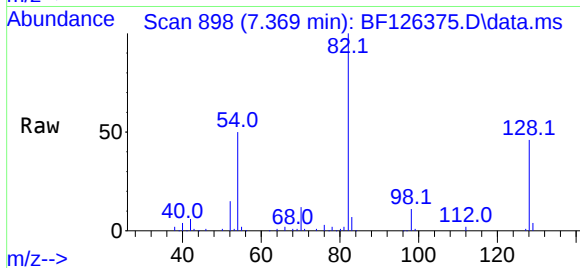




#23
Nitrobenzene-d5
Concen: 15.406 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

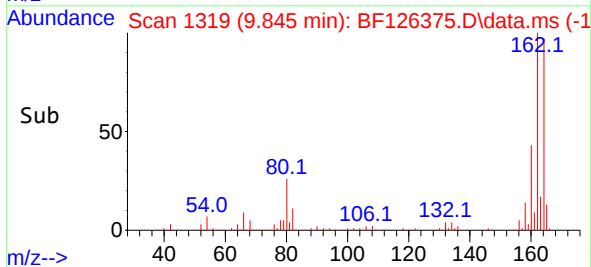
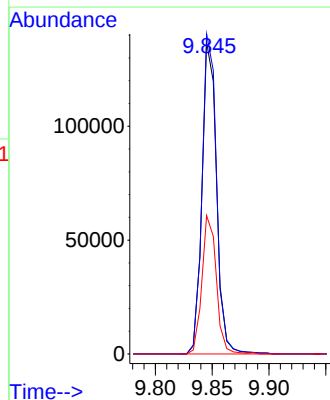
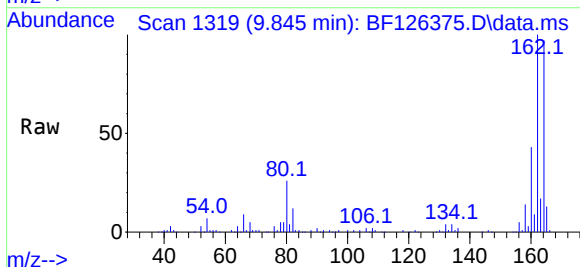
Instrument :
BNA_F
ClientSampleId :
HD-02-122321

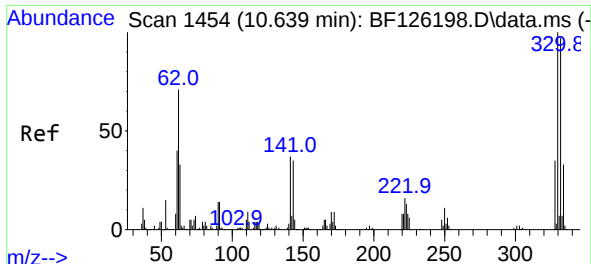
Tgt Ion: 82 Resp: 85865
Ion Ratio Lower Upper
82 100
128 46.3 40.6 60.8
54 49.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

Tgt Ion:164 Resp: 121473
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 25.487 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

Instrument :

BNA_F

ClientSampleId :

HD-02-122321

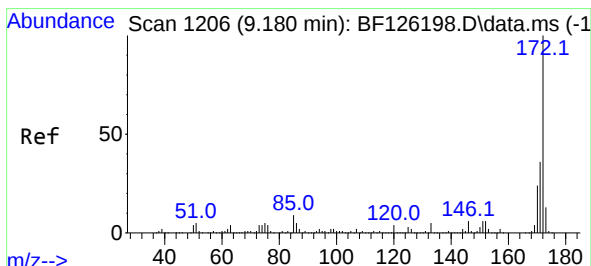
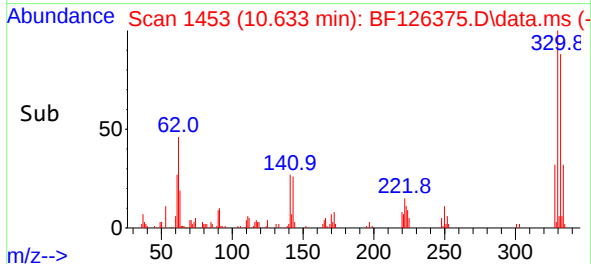
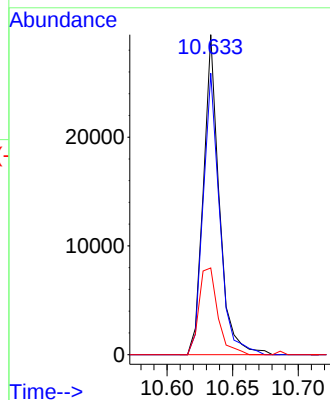
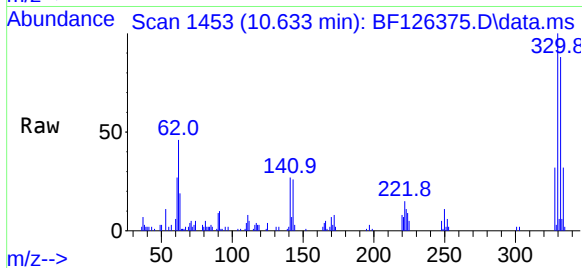
Tgt Ion:330 Resp: 24881

Ion Ratio Lower Upper

330 100

332 90.9 76.2 114.4

141 32.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 18.558 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

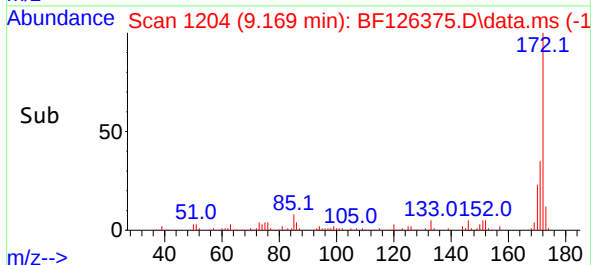
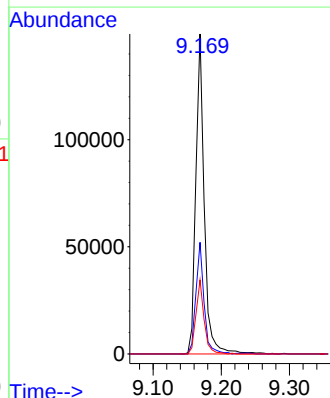
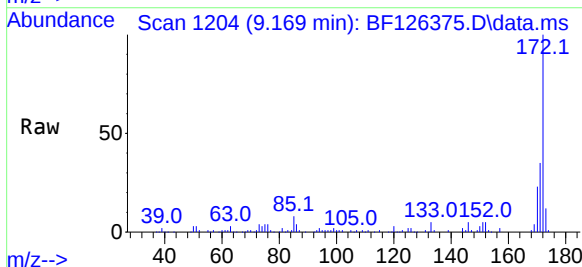
Tgt Ion:172 Resp: 128532

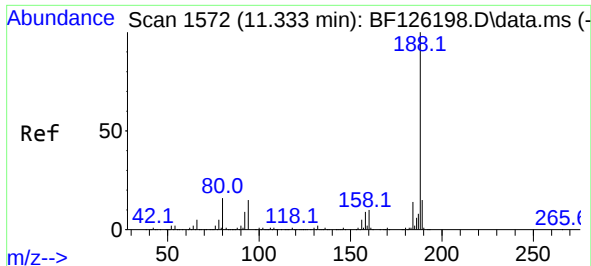
Ion Ratio Lower Upper

172 100

171 34.9 26.5 39.7

170 23.1 18.8 28.2

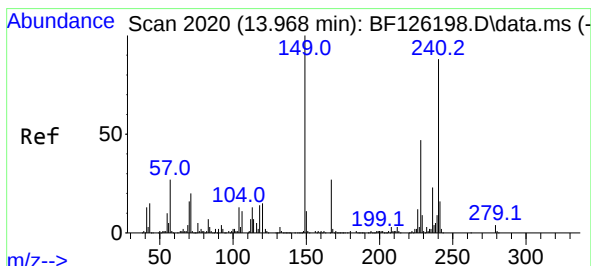
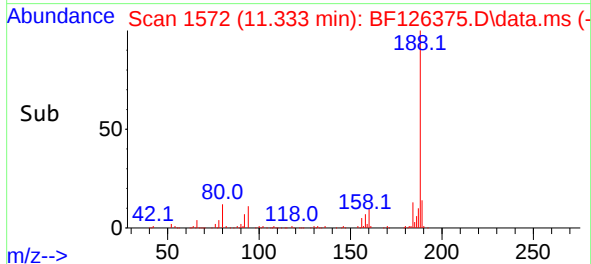
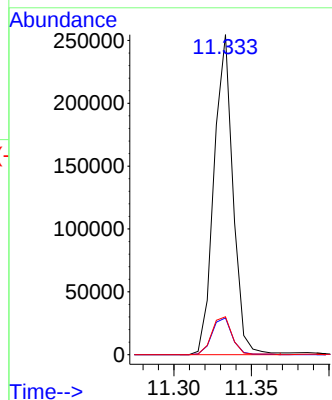
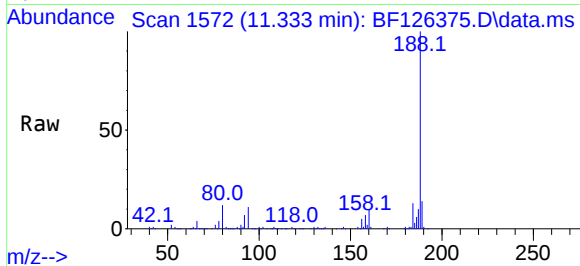




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

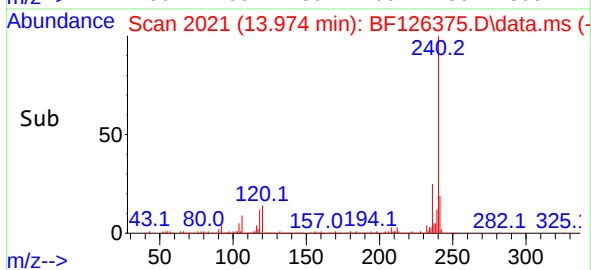
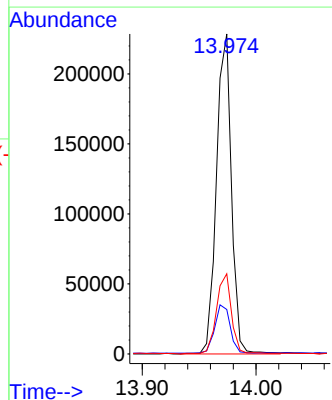
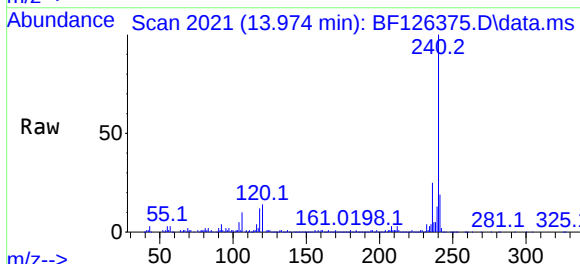
Instrument :
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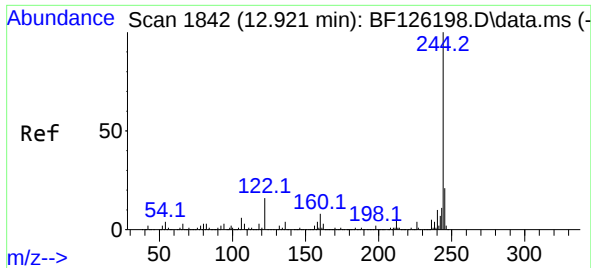
Tgt Ion:188 Resp: 216521
Ion Ratio Lower Upper
188 100
94 11.5 6.7 10.1#
80 11.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

Tgt Ion:240 Resp: 209888
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.1 21.6 32.4

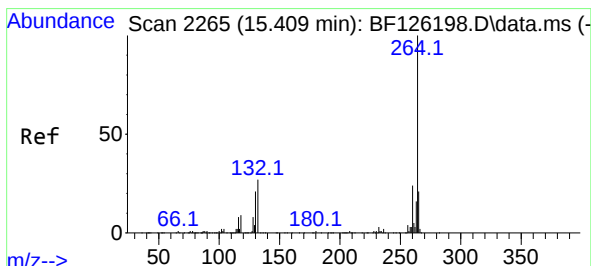
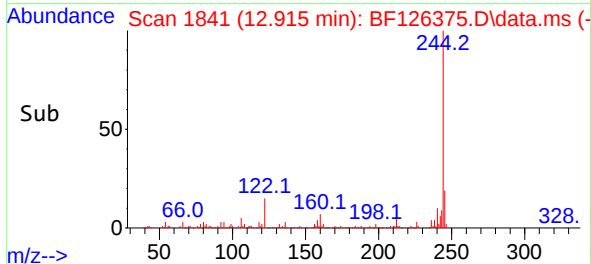
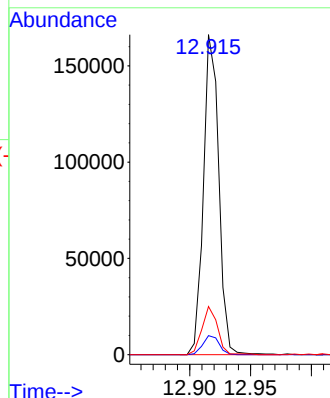
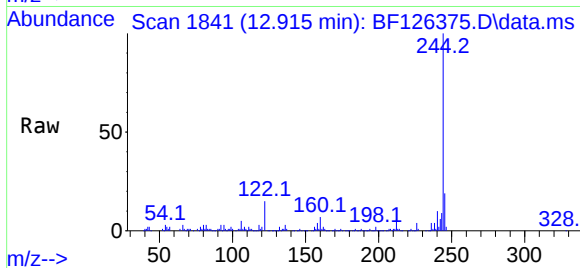




#79
 Terphenyl-d14
 Concen: 12.079 ng
 RT: 12.915 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF126375.D
 Acq: 28 Dec 2021 1:20

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122321

Tgt Ion:244 Resp: 145866
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.9 8.9
 122 15.1 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126375.D
 Acq: 28 Dec 2021 1:20

Tgt Ion:264 Resp: 150261
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 23.2 17.2 25.8

