

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)

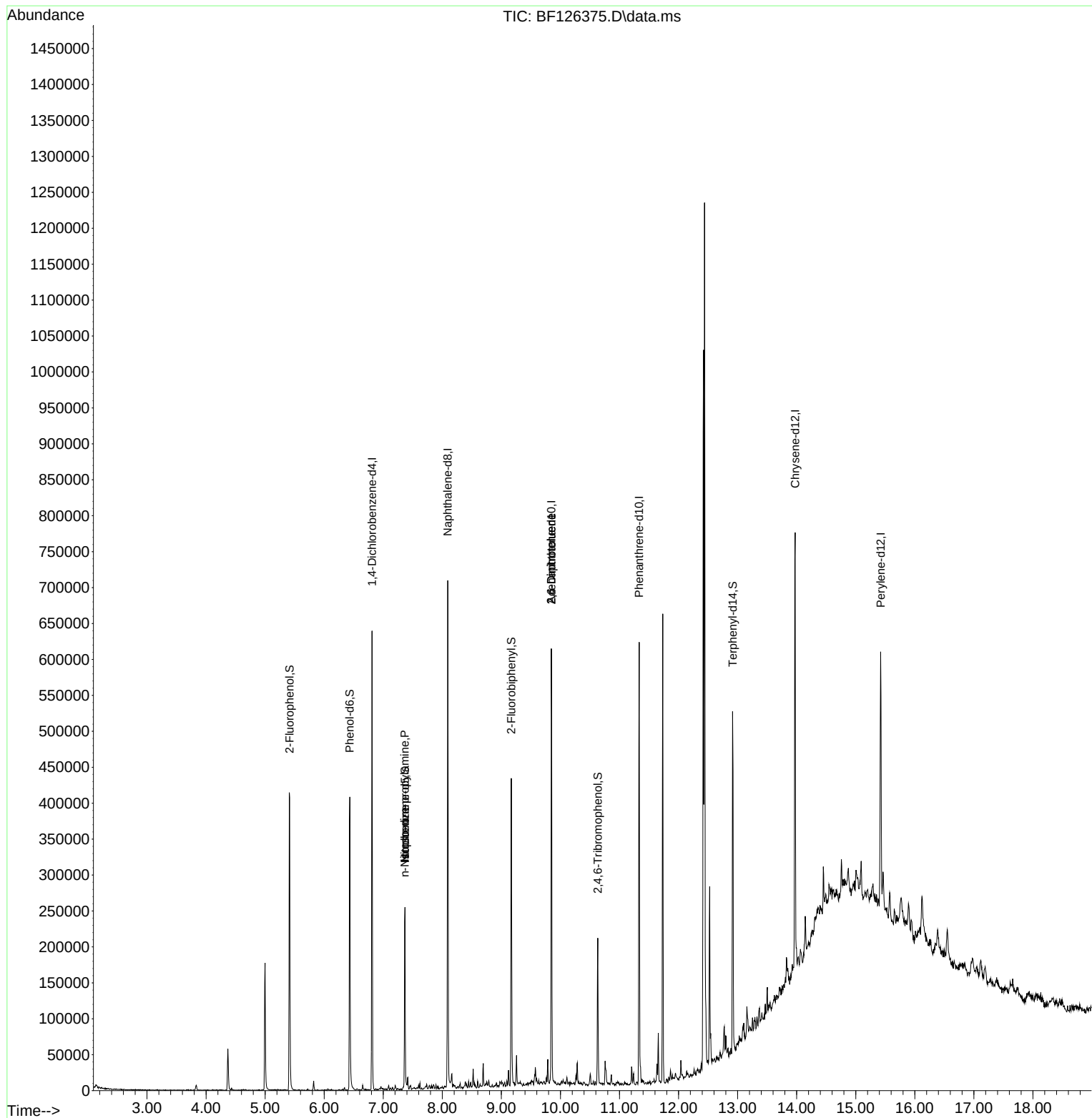
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	83239	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	301857	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	121473	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	216521	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	209888	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.363	70	10634	2.414	ng	# 55
25) Isophorone	7.369	82	85864	8.158	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	15446	9.274	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	15446	7.270	ng	# 19

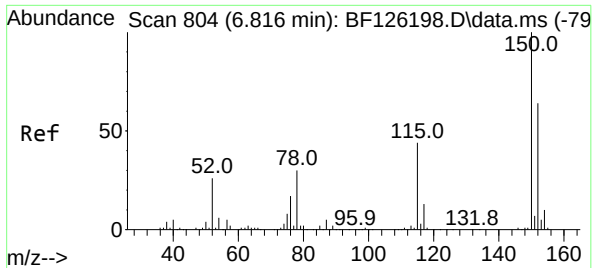
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Dec 28 06:02:13 2021
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QLast Update : Wed Dec 22 13:00:11 2021
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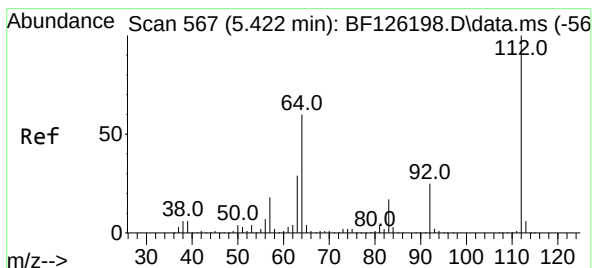
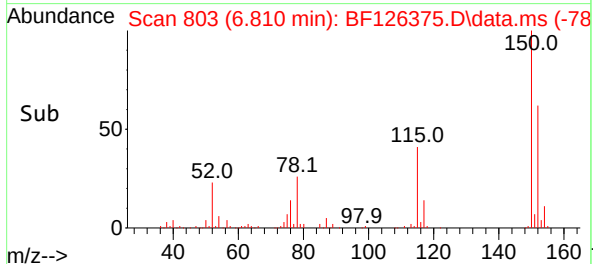
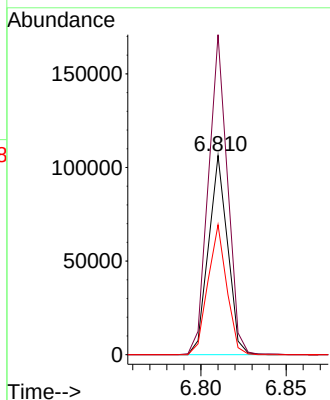
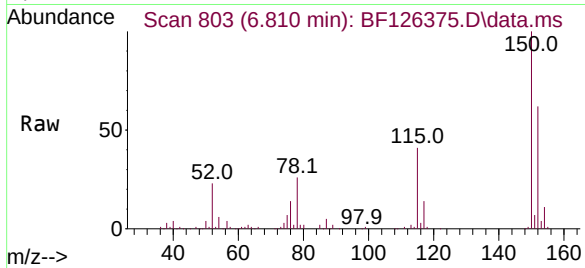




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF126375.D
 Acq: 28 Dec 2021 1:20

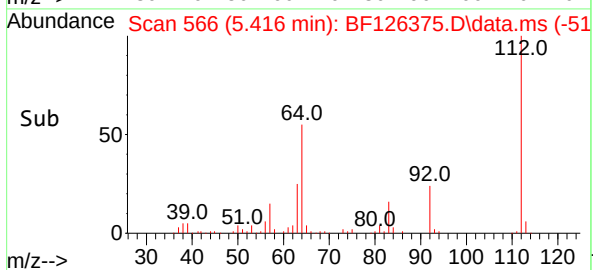
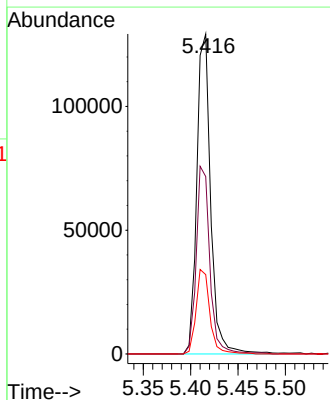
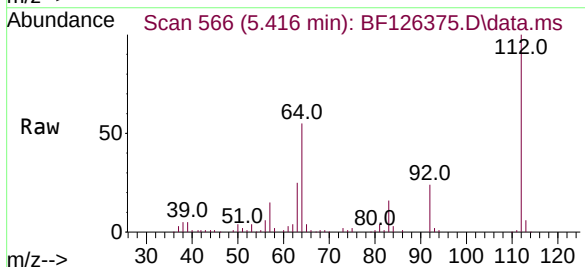
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-122321

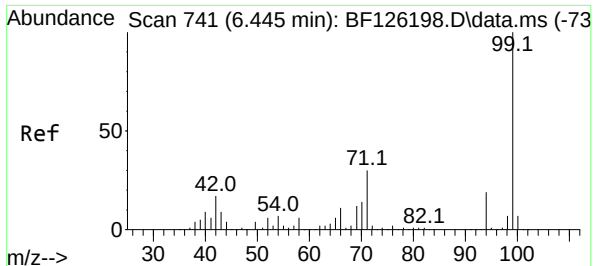
Tgt Ion:152 Resp: 83239
 Ion Ratio Lower Upper
 152 100
 150 160.6 117.6 176.4
 115 65.2 47.1 70.7



#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#

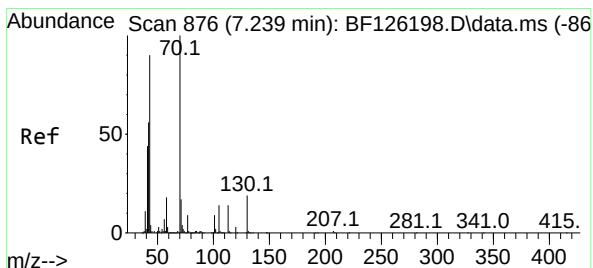
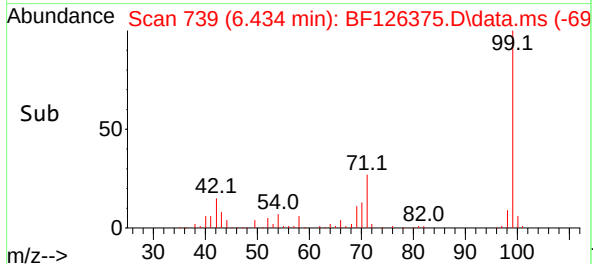
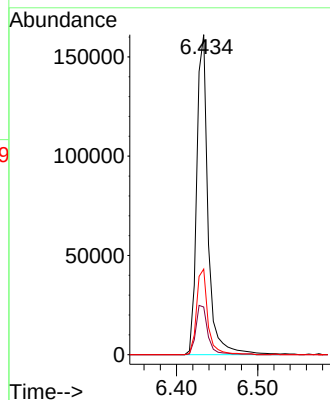
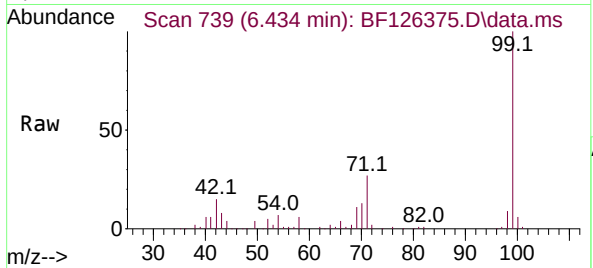




#7
Phenol-d6
Concen: 21.882 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

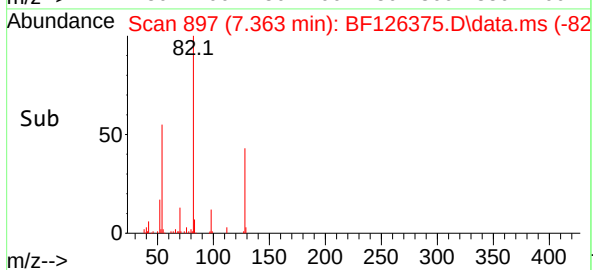
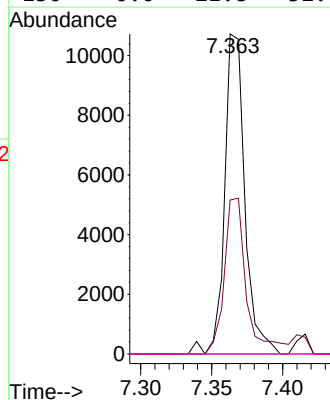
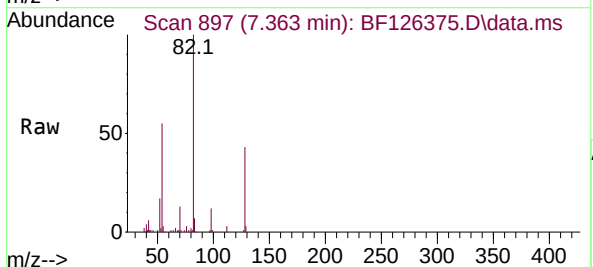
Instrument :
BNA_F
ClientSampleId :
HD-02-122321

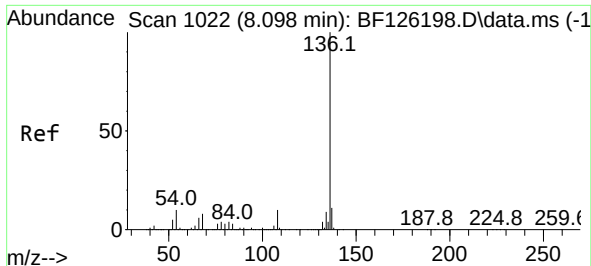
Tgt Ion: 99 Resp: 157045
Ion Ratio Lower Upper
99 100
42 14.9 23.5 35.3#
71 26.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.414 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.129 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

Tgt Ion: 70 Resp: 10634
Ion Ratio Lower Upper
70 100
42 48.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

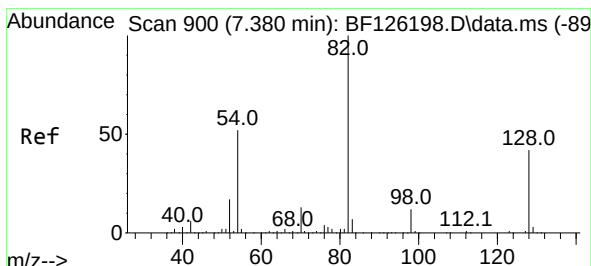
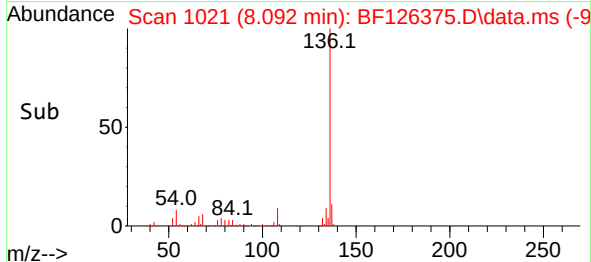
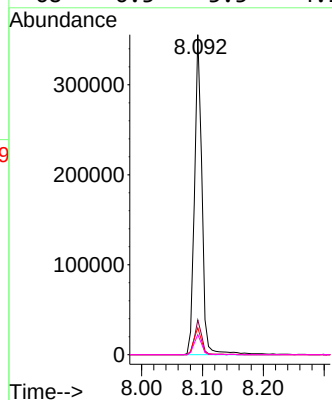
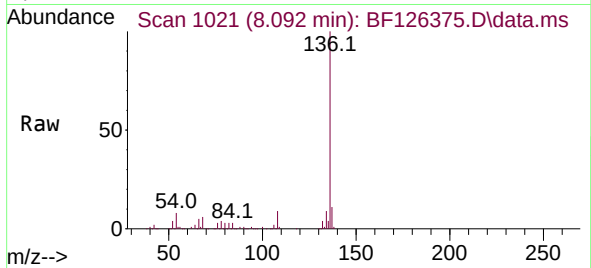




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

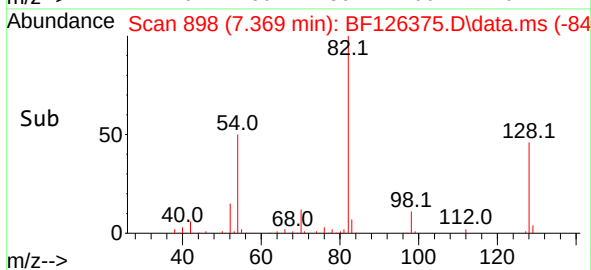
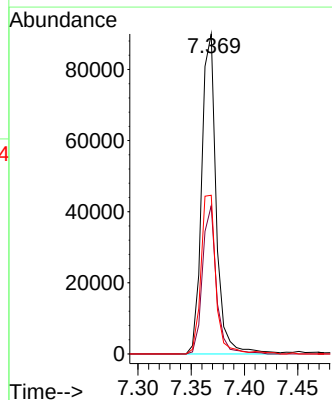
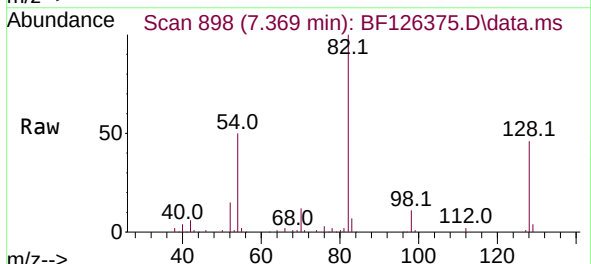
Instrument :
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ClientSampleId :
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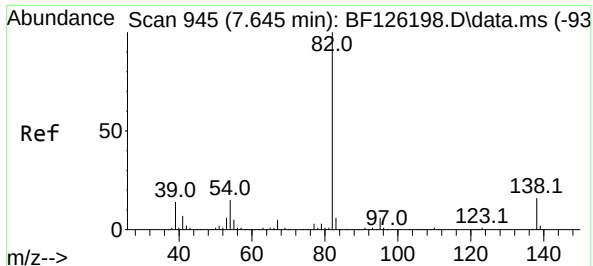
Tgt Ion:	136	Resp:	301857
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	8.4	6.4	9.6
68	6.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 15.406 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

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

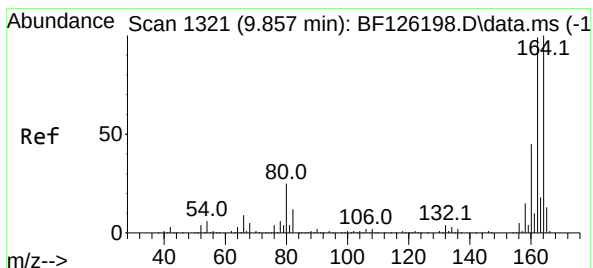
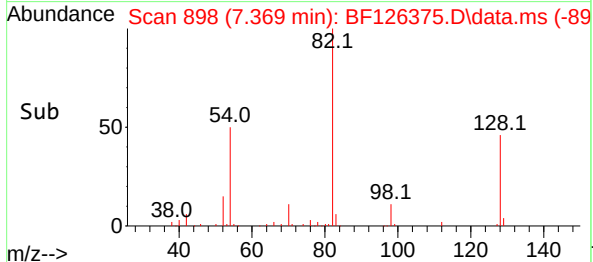
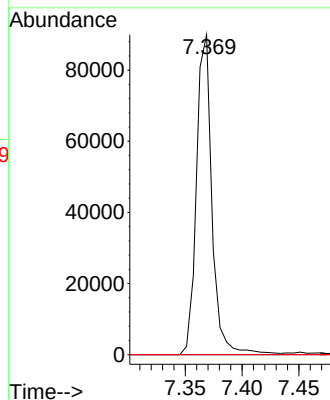
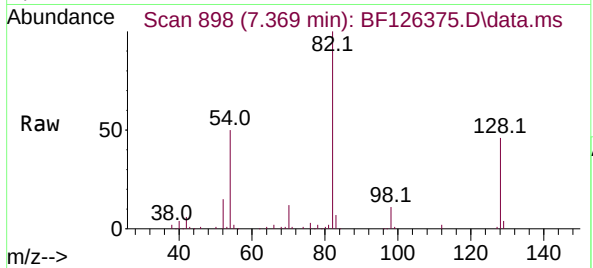




#25
Isophorone
Concen: 8.158 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

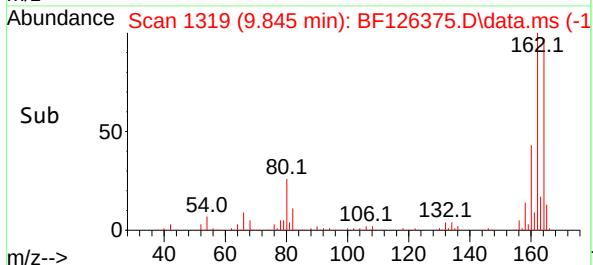
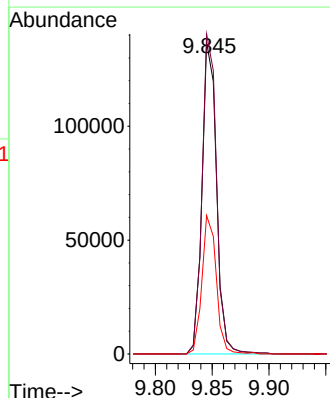
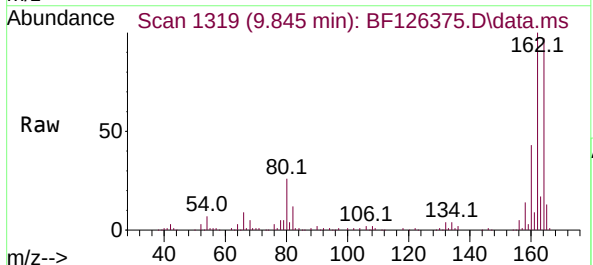
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ClientSampleId :
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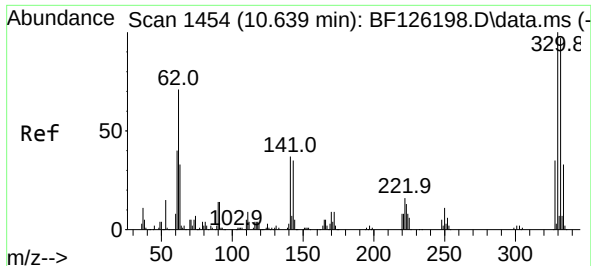
Tgt Ion: 82 Resp: 85864
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#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

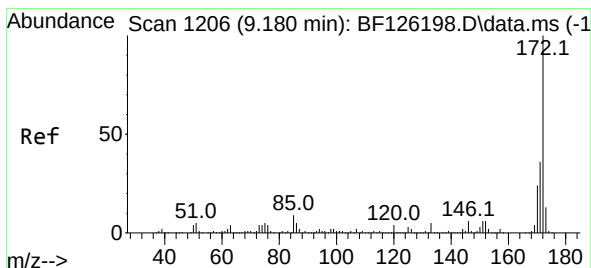
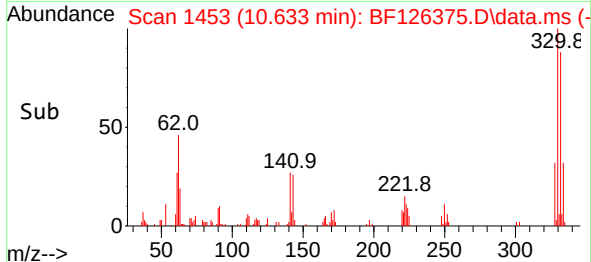
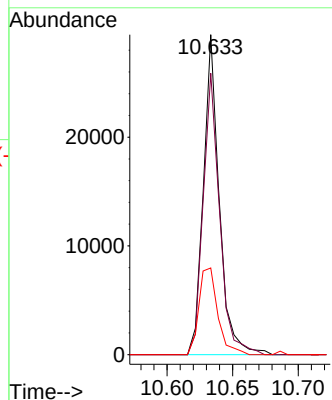
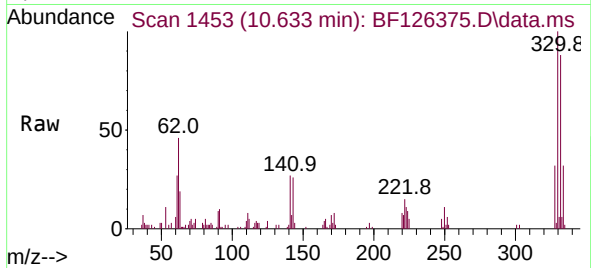




#42
2,4,6-Tribromophenol
Concen: 25.487 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

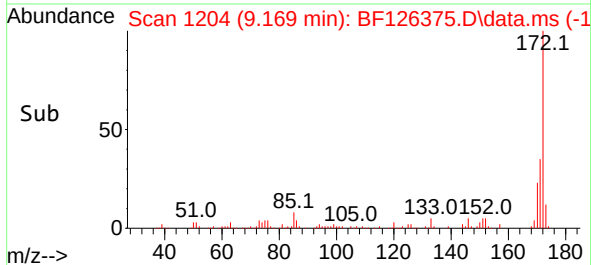
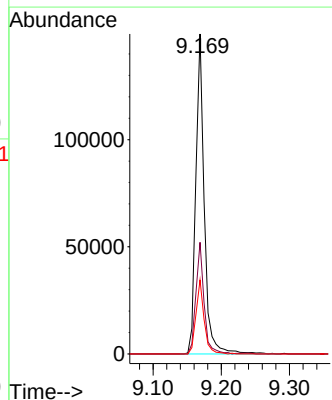
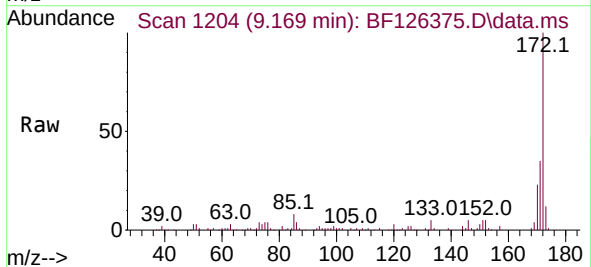
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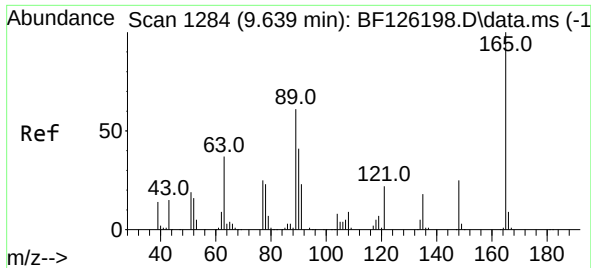
Tgt Ion: 330 Resp: 24881
Ion Ratio Lower Upper
330 100
332 90.9 76.2 114.4
141 32.2 44.6 66.8#



#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





#51

2,6-Dinitrotoluene

Concen: 9.274 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.206 min

Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

Instrument :

BNA_F

ClientSampleId :

HD-02-122321

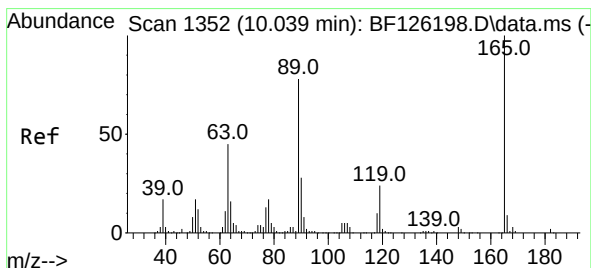
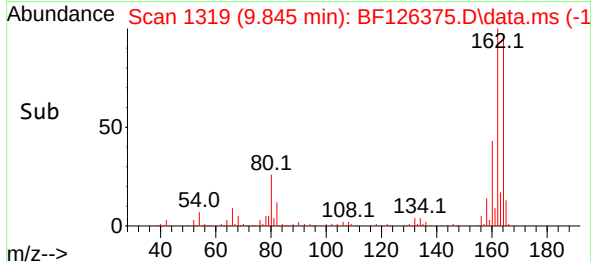
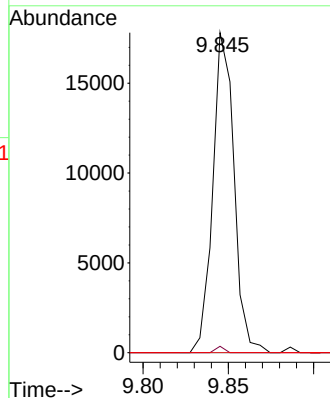
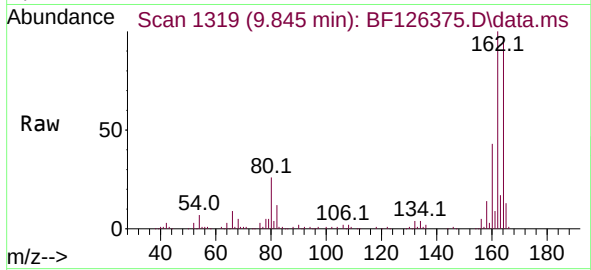
Tgt Ion:165 Resp: 15446

Ion Ratio Lower Upper

165 100

63 2.0 42.6 63.8#

89 0.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.270 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.194 min

Lab File: BF126375.D

Acq: 28 Dec 2021 1:20

Tgt Ion:165 Resp: 15446

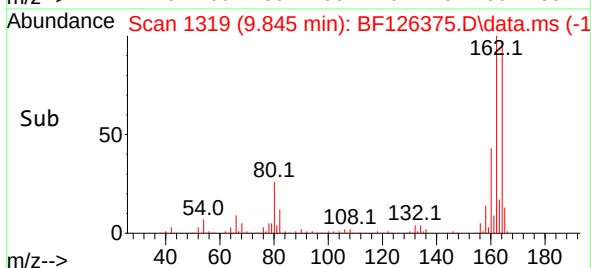
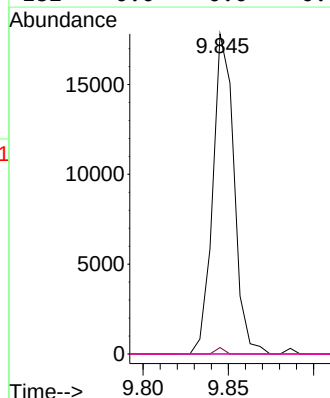
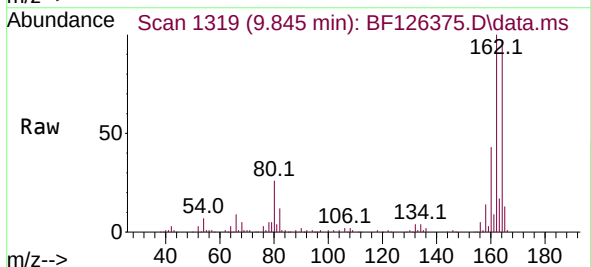
Ion Ratio Lower Upper

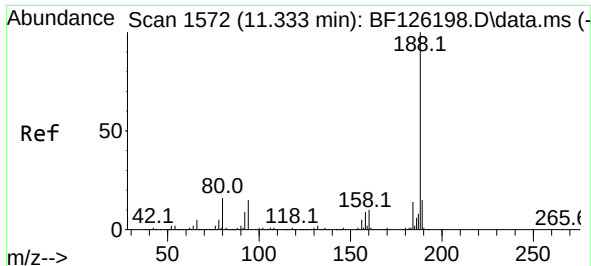
165 100

63 2.0 40.9 61.3#

89 0.0 59.7 89.5#

182 0.0 0.0 0.0

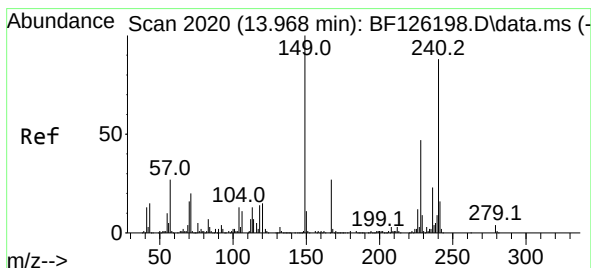
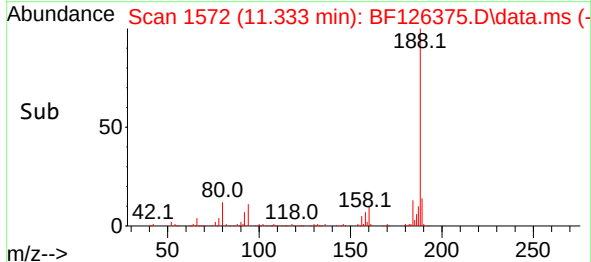
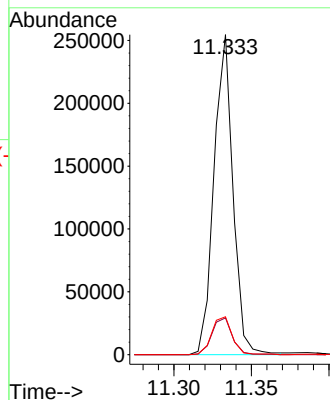
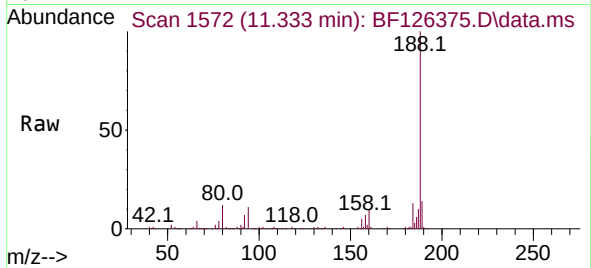




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126375.D
Acq: 28 Dec 2021 1:20

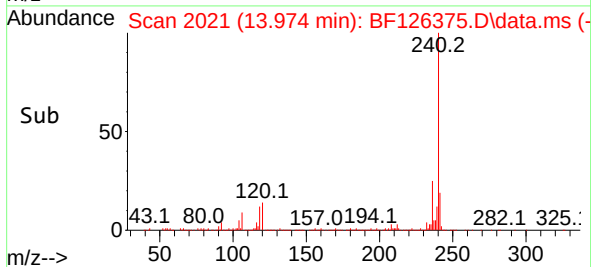
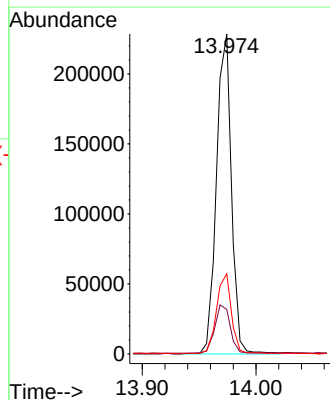
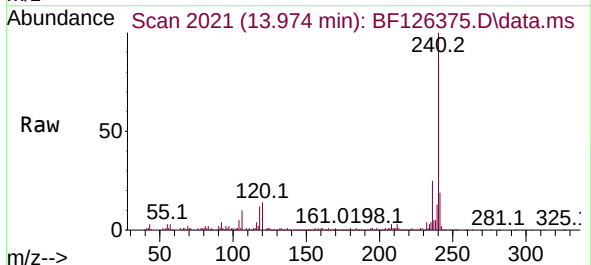
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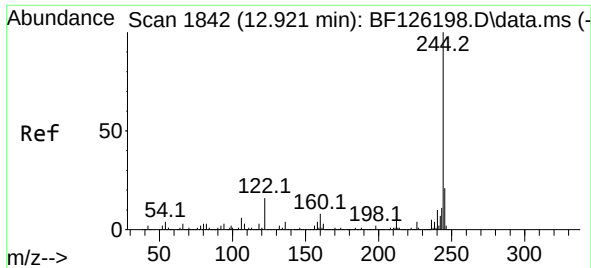
Tgt Ion:188 Resp: 216521
Ion Ratio Lower Upper
188 100
94 11.5 6.7 10.1#
80 11.9 7.5 11.3#



#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

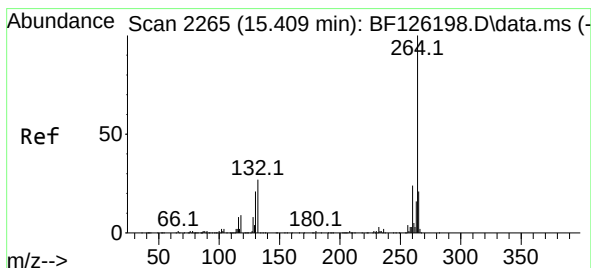
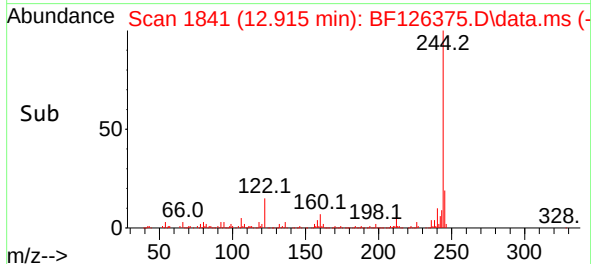
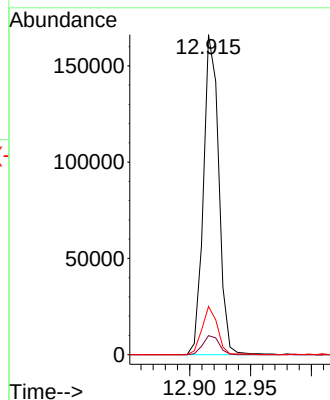
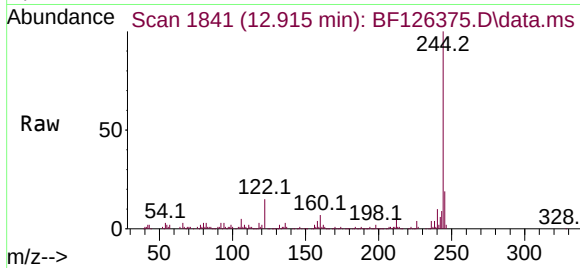




#79
 Terphenyl-d14
 Concen: 12.079 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF126375.D
 Acq: 28 Dec 2021 1:20

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

