

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126572.D
 Acq On : 10 Jan 2022 17:56
 Operator : JU/CG
 Sample : N1054-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211303-CAPE-5-COMP

Quant Time: Jan 11 01:37:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

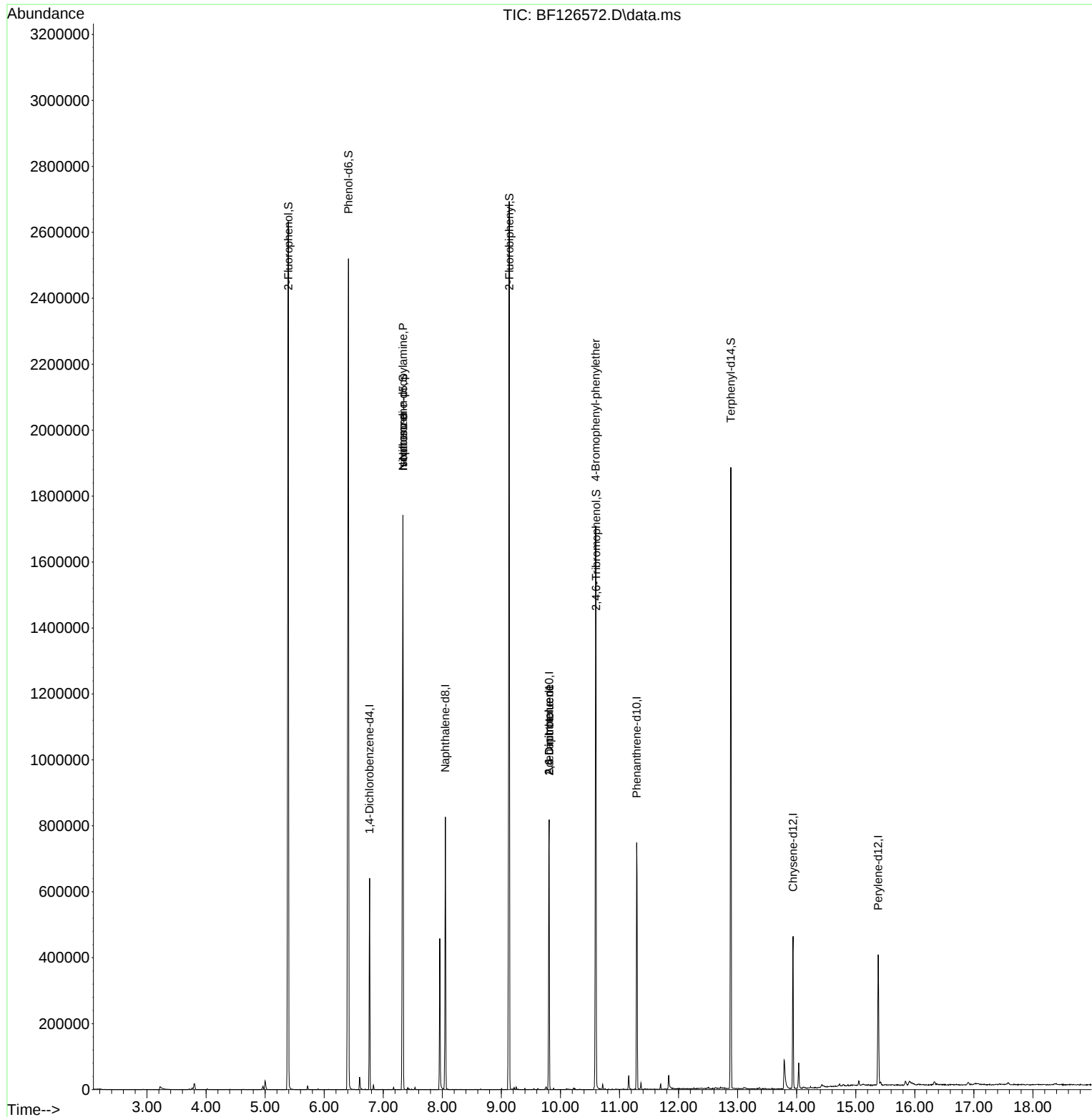
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	86092	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	367224	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	172145	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	268671	20.000	ng	0.00
76) Chrysene-d12	13.939	240	152680	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	162450	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	826305	137.832	ng	0.01
7) Phenol-d6	6.410	99	1026456	132.194	ng	0.00
23) Nitrobenzene-d5	7.333	82	659784	92.253	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	223545	168.048	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	869777	88.912	ng	0.00
79) Terphenyl-d14	12.886	244	633092	80.564	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	84475	19.065	ng	# 80
25) Isophorone	7.333	82	659563	51.516	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	21705	9.352	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	21705	7.249	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	11815	4.954	ng	# 1
77) Benzidine	12.886	184	7608	Below Cal		98

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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20211303-CAPE-5-COMP

Quant Time: Jan 11 01:37:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

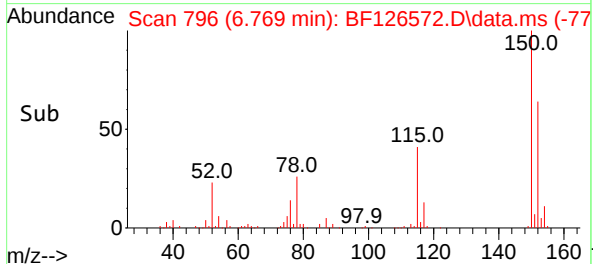
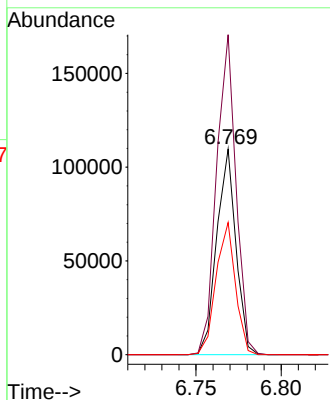
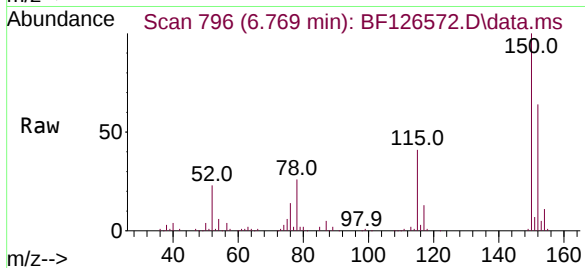




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126572.D
 Acq: 10 Jan 2022 17:56

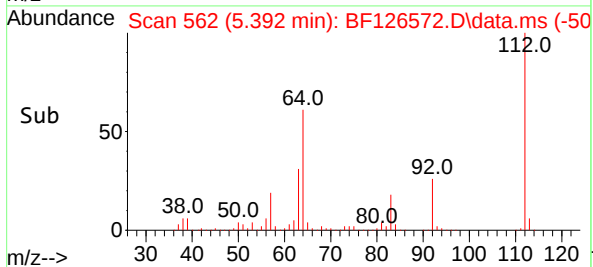
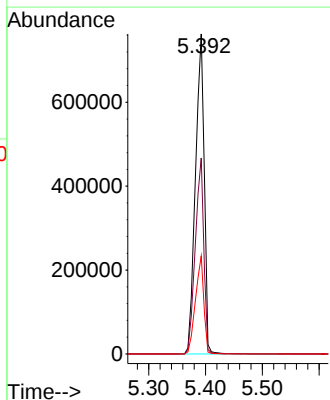
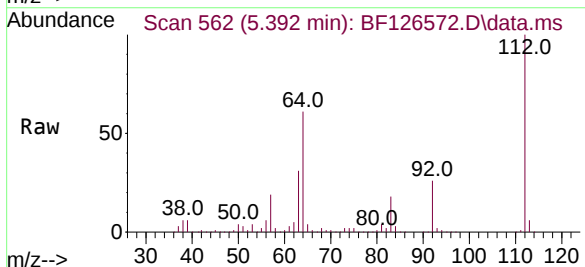
Instrument :
 BNA_F
 ClientSampleId :
 20211303-CAPE-5-COMP

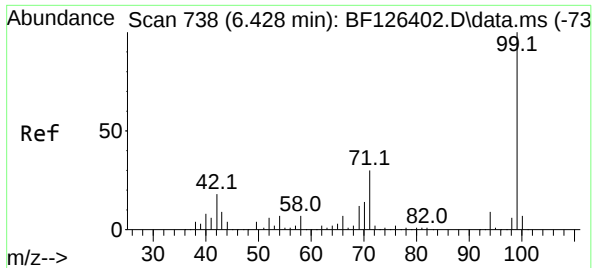
Tgt Ion:152 Resp: 86092
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.1 192.1
 115 64.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 137.832 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF126572.D
 Acq: 10 Jan 2022 17:56

Tgt Ion:112 Resp: 826305
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.5 74.3
 63 30.6 23.9 35.9

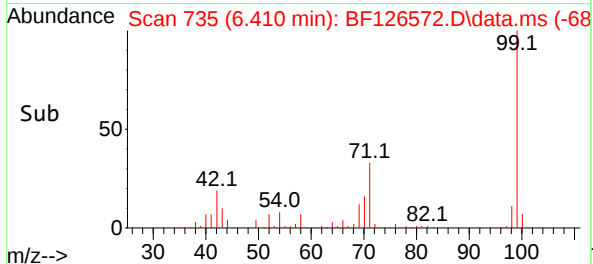
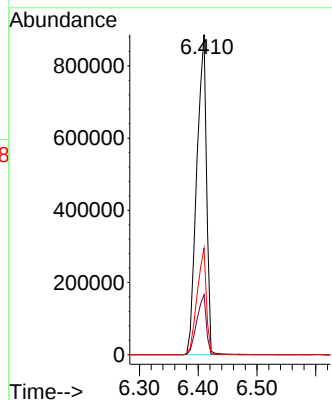
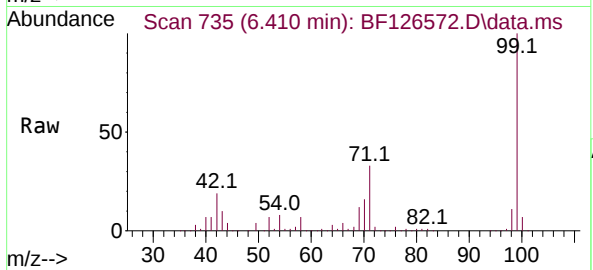




#7
Phenol-d6
Concen: 132.194 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

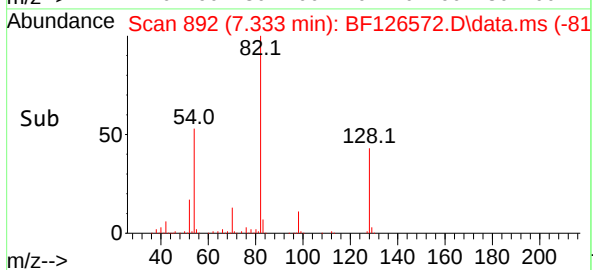
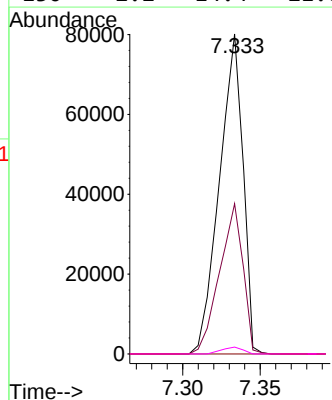
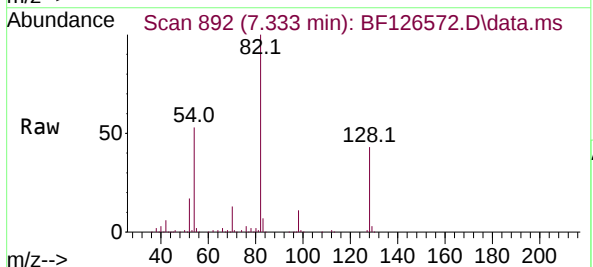
Instrument :
BNA_F
ClientSampleId :
20211303-CAPE-5-COMP

Tgt Ion: 99 Resp: 1026456
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 33.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.065 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Tgt Ion: 70 Resp: 84475
Ion Ratio Lower Upper
70 100
42 46.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#



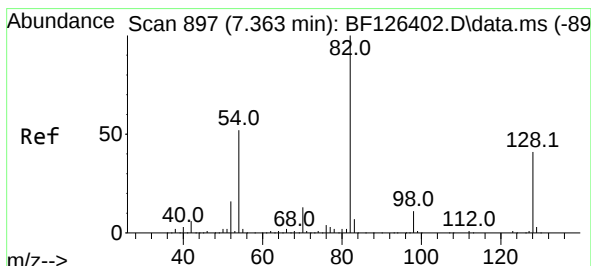
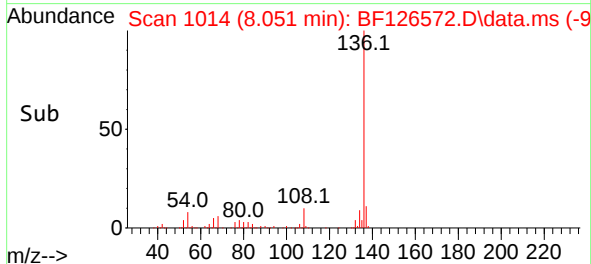
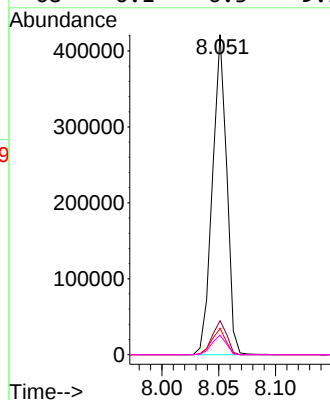
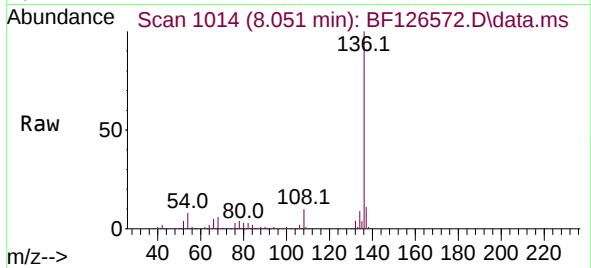


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Instrument :
BNA_F
ClientSampleId :
20211303-CAPE-5-COMP

Tgt Ion:136 Resp: 367224

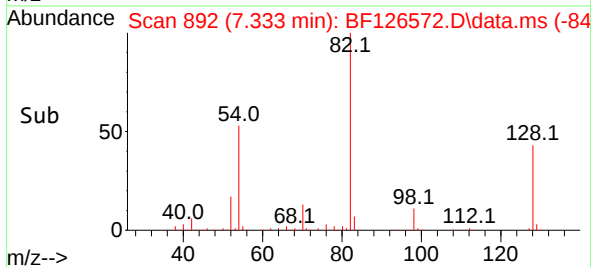
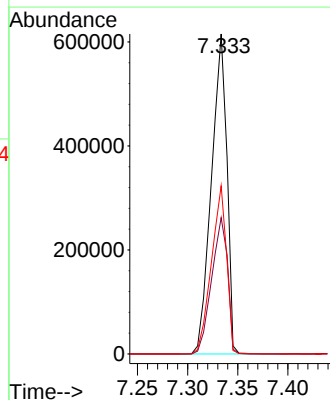
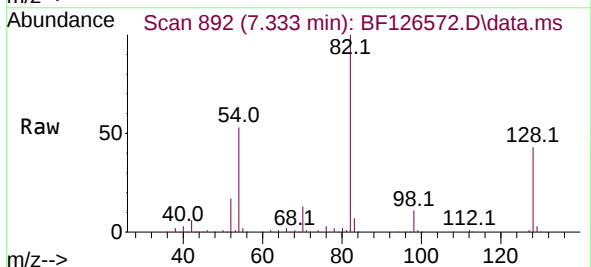
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	7.8	11.6
68	6.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.253 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Tgt Ion: 82 Resp: 659784

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.7	49.1
54	52.5	41.7	62.5

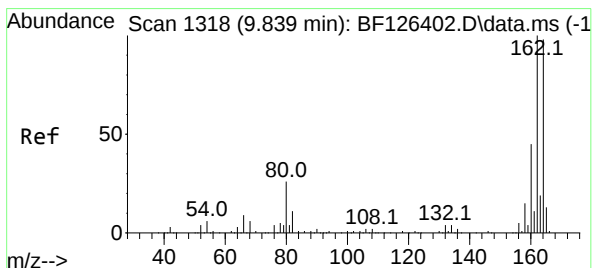
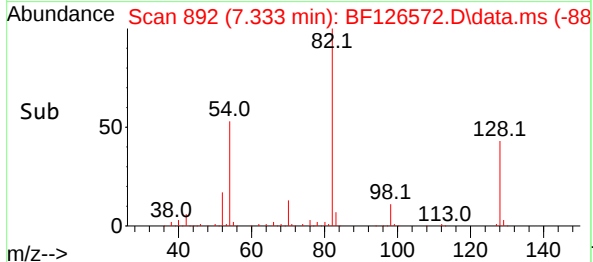
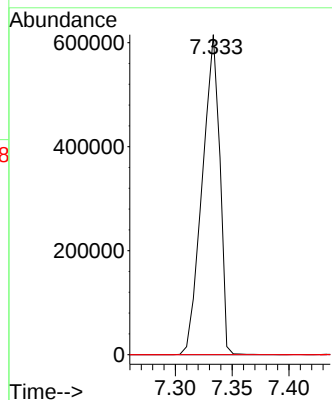
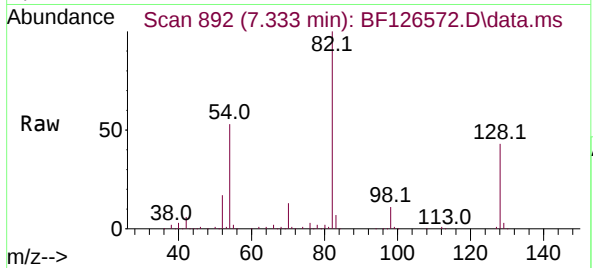




#25
Isophorone
Concen: 51.516 ng
RT: 7.333 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

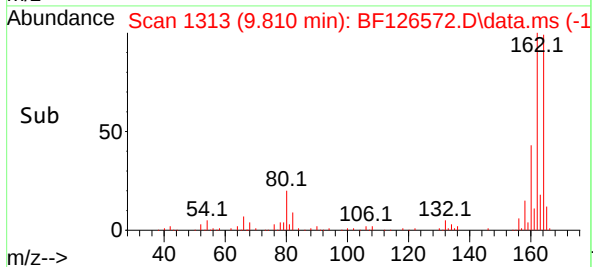
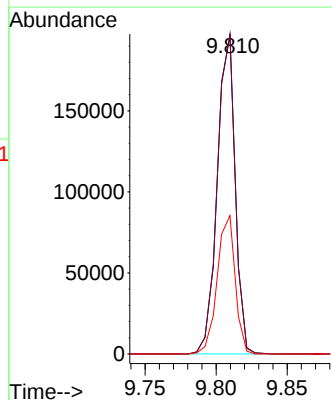
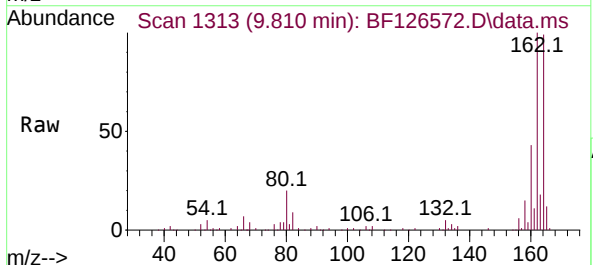
Instrument :
BNA_F
ClientSampleId :
20211303-CAPE-5-COMP

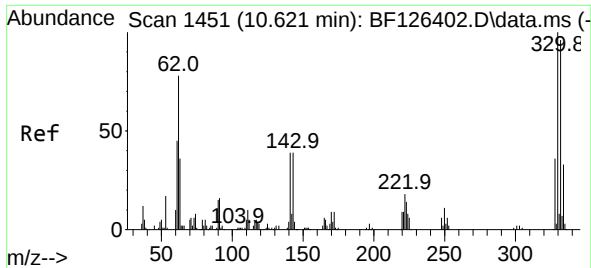
Tgt Ion: 82 Resp: 659563
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

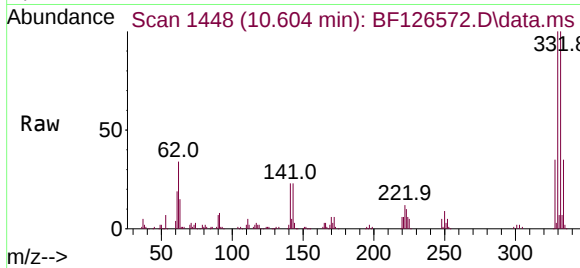
Tgt Ion:164 Resp: 172145
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.5 36.6 54.8



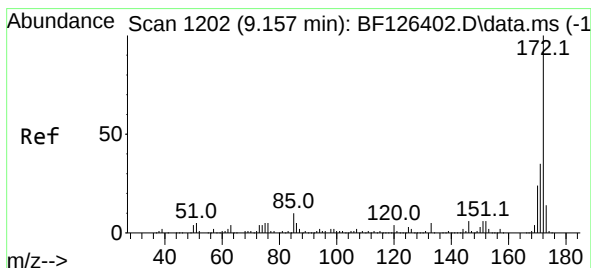
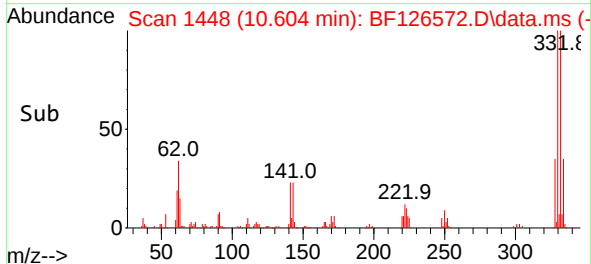
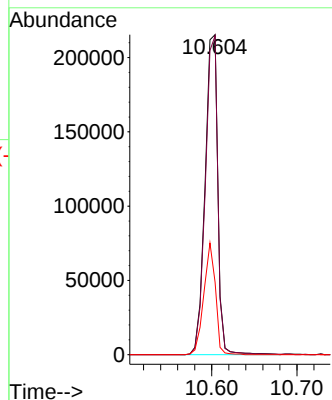


#42
2,4,6-Tribromophenol
Concen: 168.048 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Instrument :
BNA_F
ClientSampleId :
20211303-CAPE-5-COMP

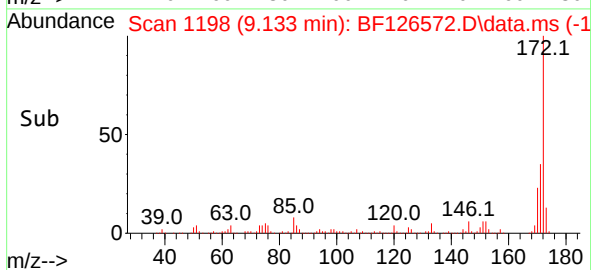
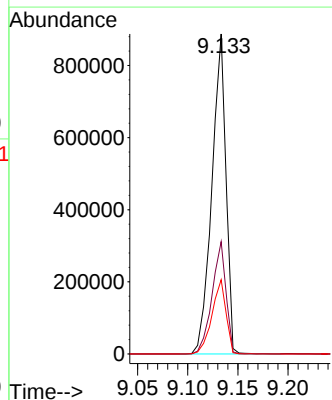
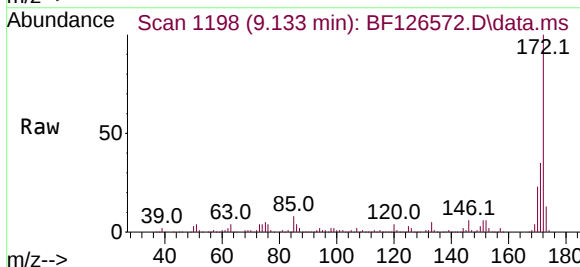


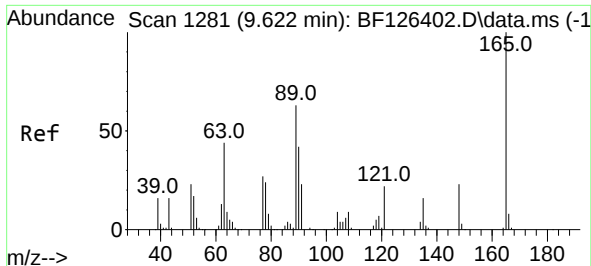
Tgt Ion: 330 Resp: 223545
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 31.8 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 88.912 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Tgt Ion: 172 Resp: 869777
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6

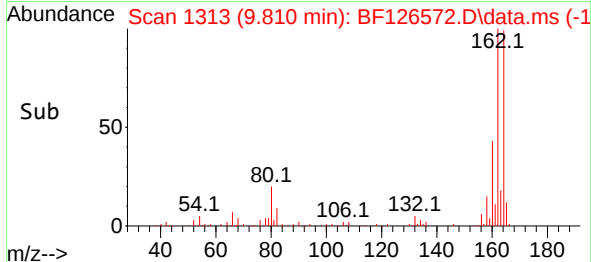
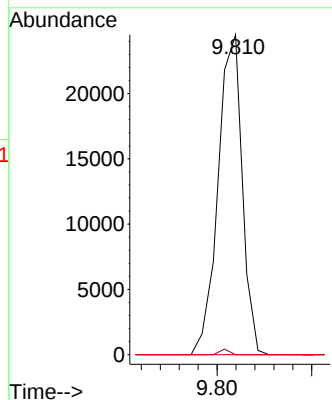
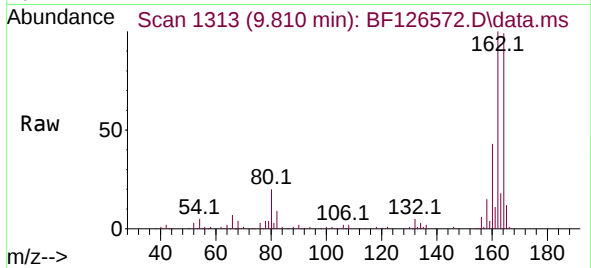




#51
2,6-Dinitrotoluene
Concen: 9.352 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

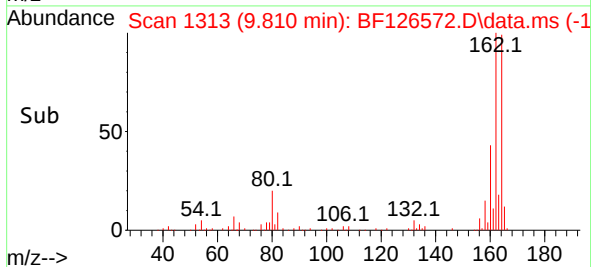
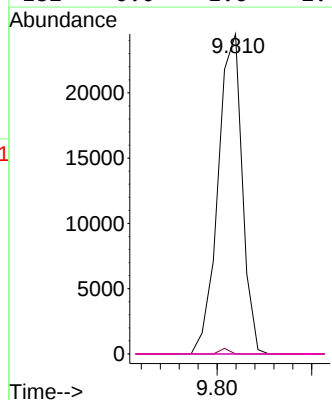
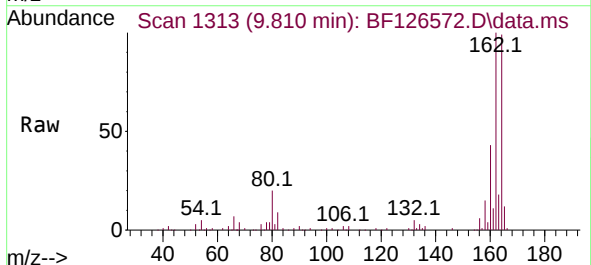
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ClientSampleId :
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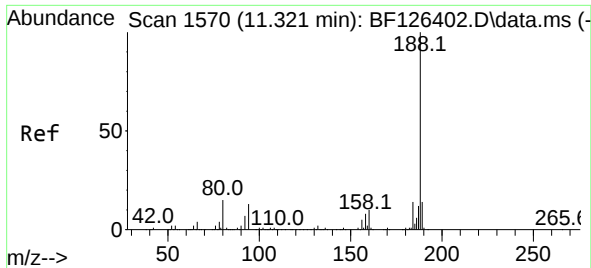
Tgt Ion:165 Resp: 21705
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.249 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Tgt Ion:165 Resp: 21705
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

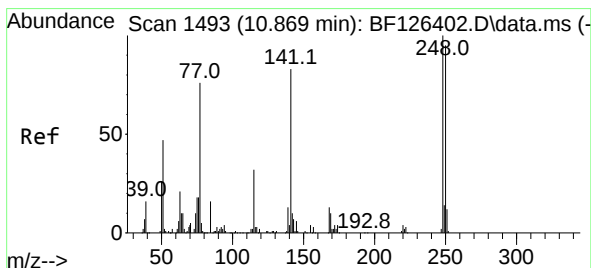
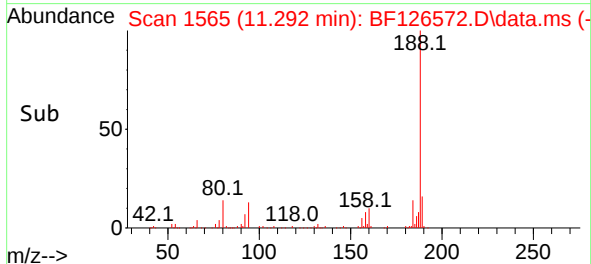
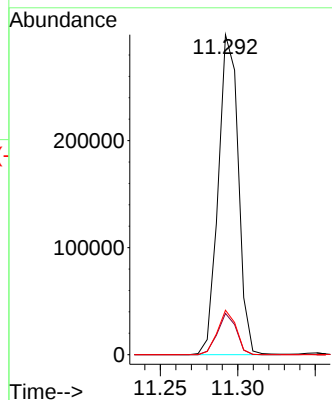
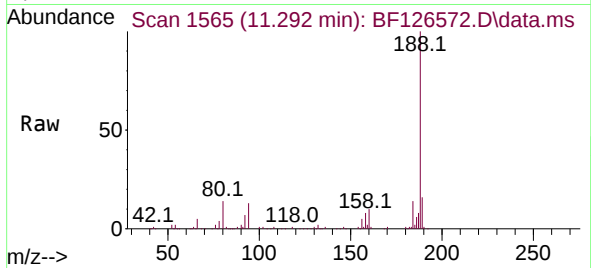




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

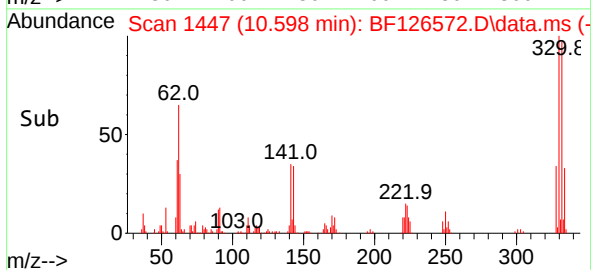
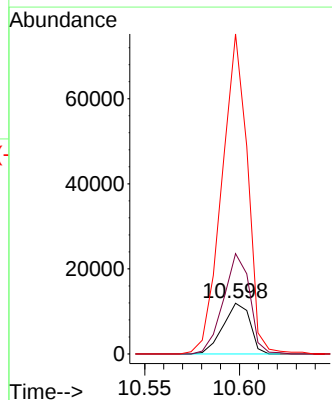
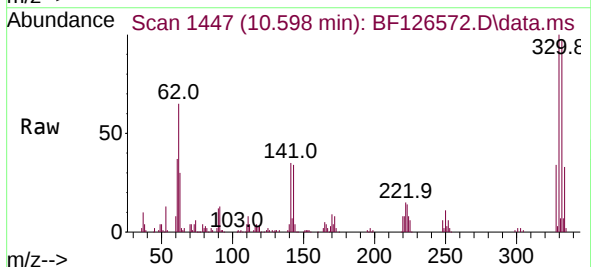
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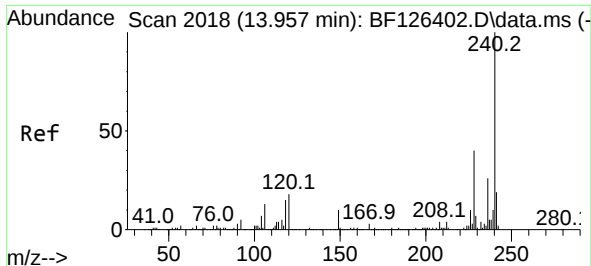
Tgt Ion:188 Resp: 268671
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 13.9 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.954 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Tgt Ion:248 Resp: 11815
Ion Ratio Lower Upper
248 100
250 197.7 76.2 114.4#
141 630.9 66.2 99.4#

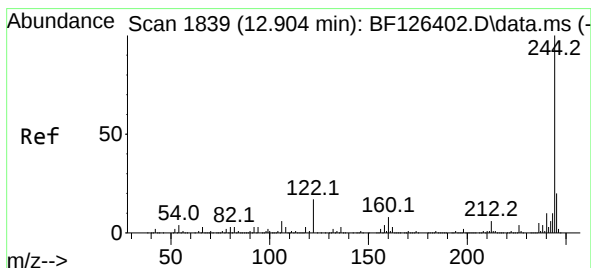
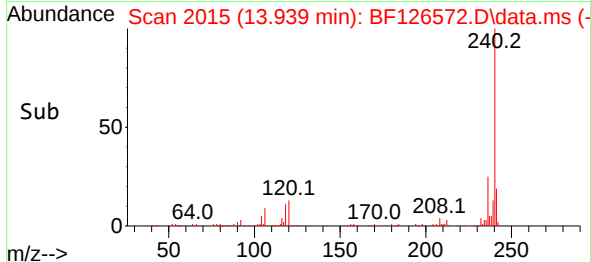
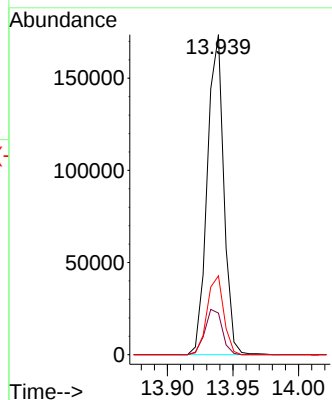
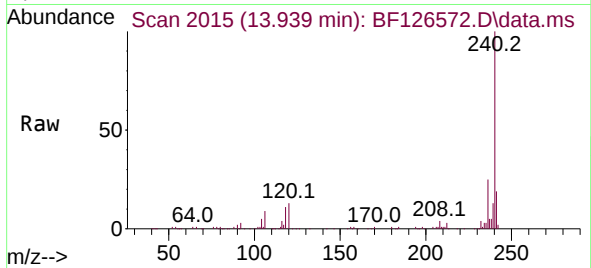




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

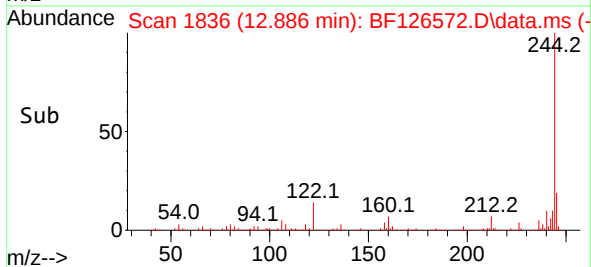
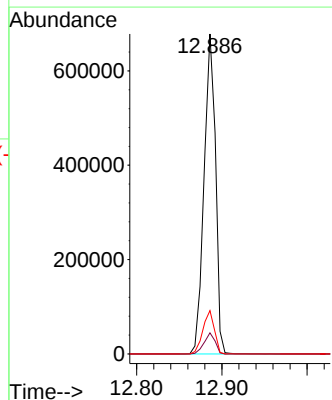
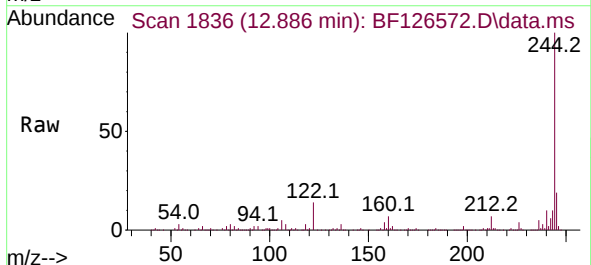
Instrument :
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ClientSampleId :
20211303-CAPE-5-COMP

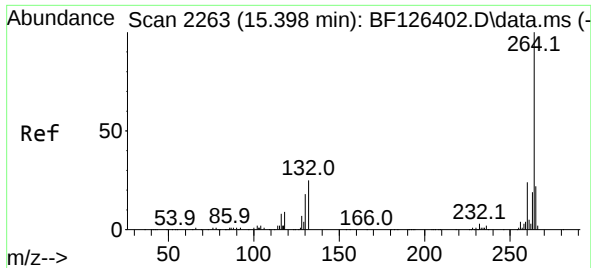
Tgt Ion:240 Resp: 152680
Ion Ratio Lower Upper
240 100
120 13.0 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 80.564 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

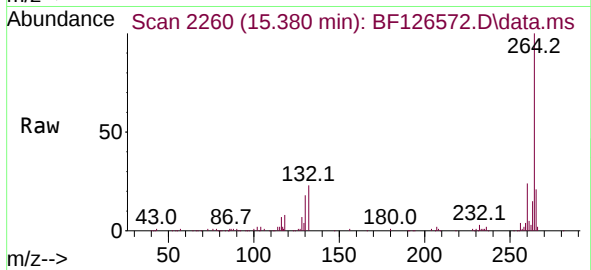
Tgt Ion:244 Resp: 633092
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 13.6 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126572.D
Acq: 10 Jan 2022 17:56

Instrument :
BNA_F
ClientSampleId :
20211303-CAPE-5-COMP



Tgt Ion:264 Resp: 162450
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 17.4 26.2

