

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122664.D
 Acq On : 11 Dec 2020 15:37
 Operator : JU/CG
 Sample : L5033-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-47

Quant Time: Dec 11 16:48:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

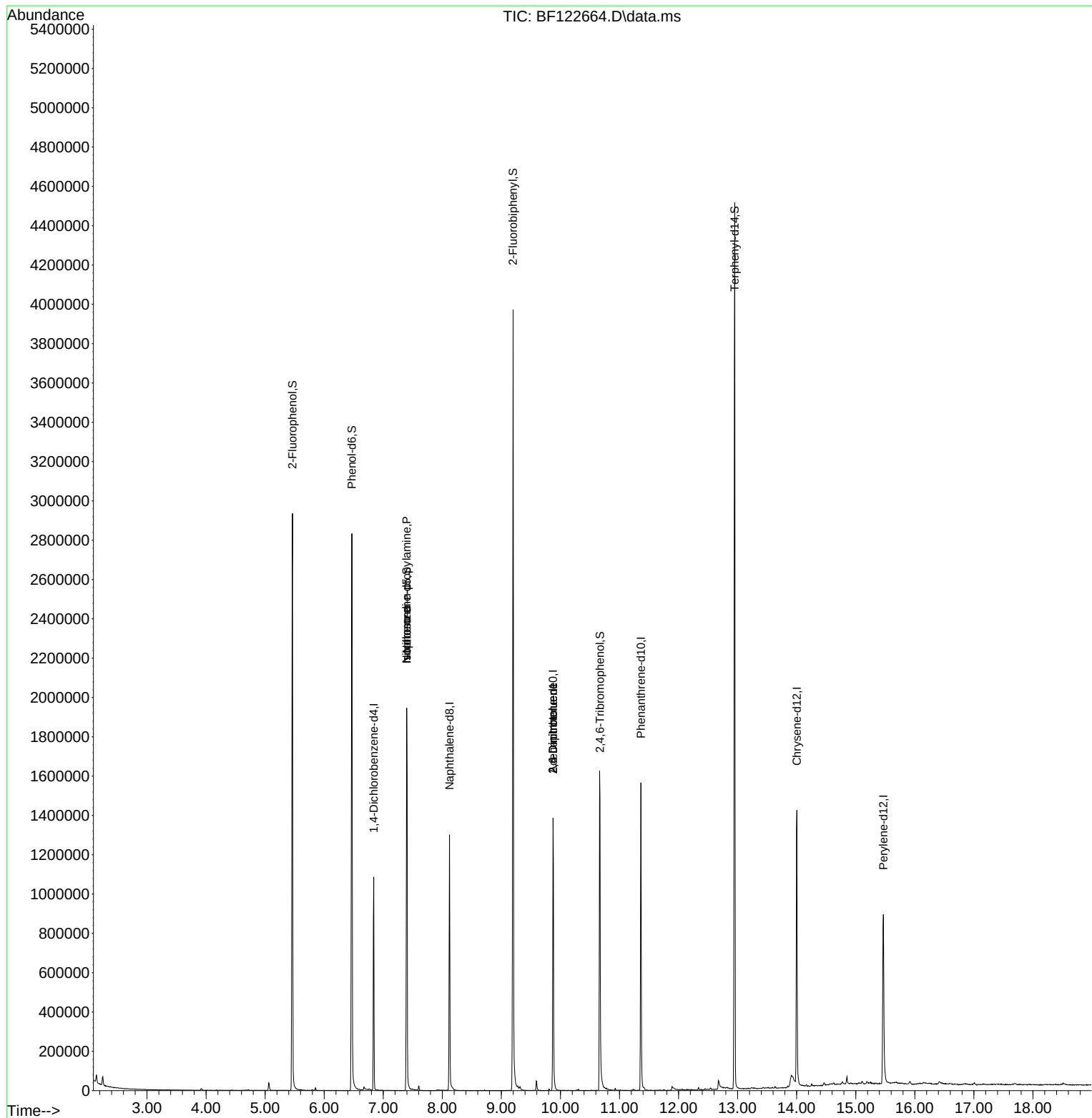
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	160528	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	614175	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	324761	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	610099	20.00	ng	0.00
76) Chrysene-d12	14.004	240	559399	20.00	ng	0.00
86) Perylene-d12	15.468	264	494579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	891283	87.90	ng	0.00
7) Phenol-d6	6.469	99	1109460	82.50	ng	-0.01
23) Nitrobenzene-d5	7.398	82	692474	56.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	273256	64.28	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1334545	55.58	ng	0.00
79) Terphenyl-d14	12.951	244	1516317	47.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	90409	11.74	ng	# 78
25) Isophorone	7.398	82	684889	32.44	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	40941	7.47	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	40941	5.61	ng	# 25

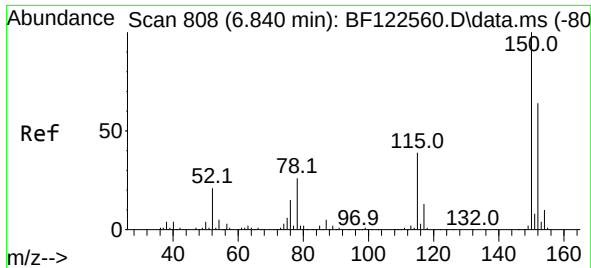
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

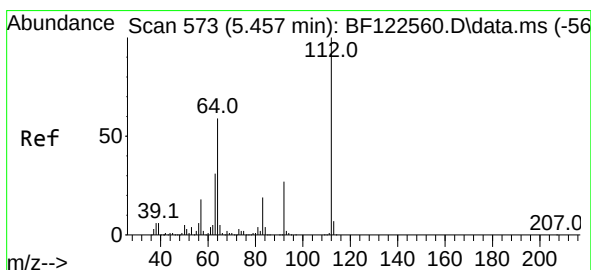
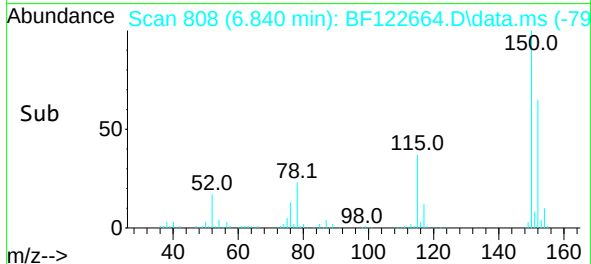
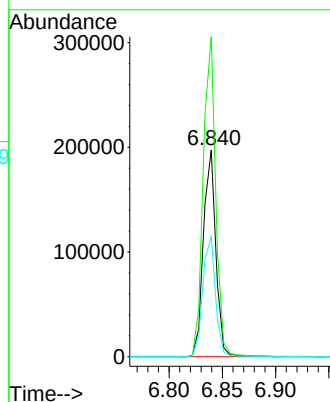
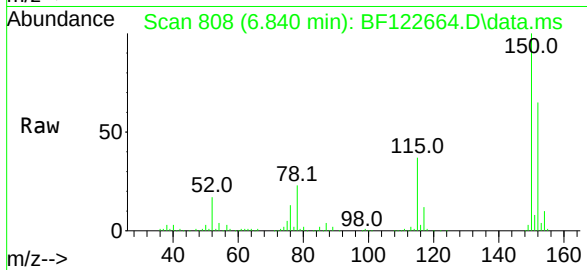




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.840 min Scan# 808
 Delta R.T. -0.000 min
 Lab File: BF122664.D
 Acq: 11 Dec 2020 15:37

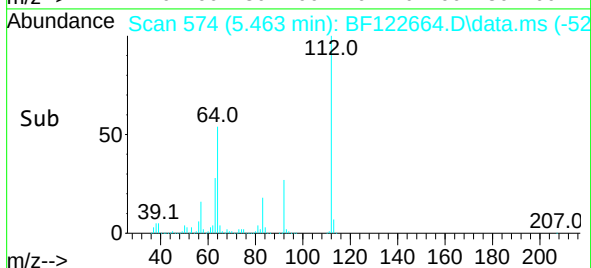
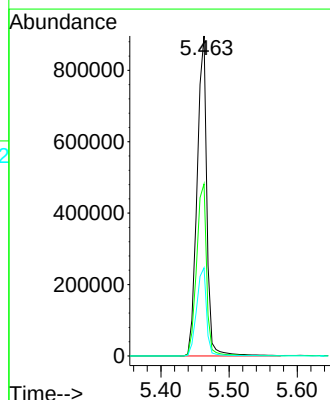
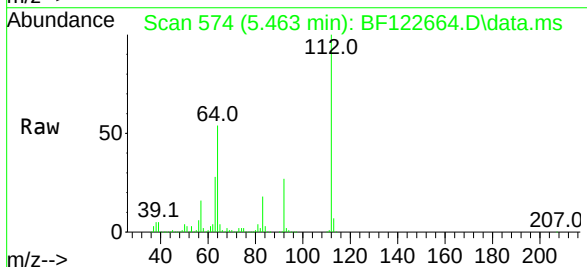
Instrument :
 BNA_F
 ClientSampled :
 CS-47

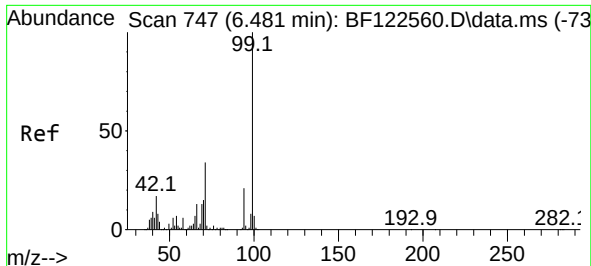
Tgt Ion:152 Resp: 160528
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.6
 115 58.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 87.90 ng
 RT: 5.463 min Scan# 574
 Delta R.T. 0.006 min
 Lab File: BF122664.D
 Acq: 11 Dec 2020 15:37

Tgt Ion:112 Resp: 891283
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.9 70.3
 63 27.6 24.5 36.7

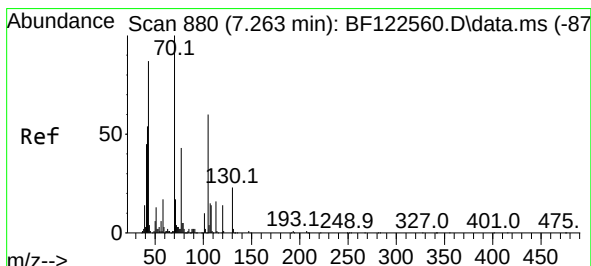
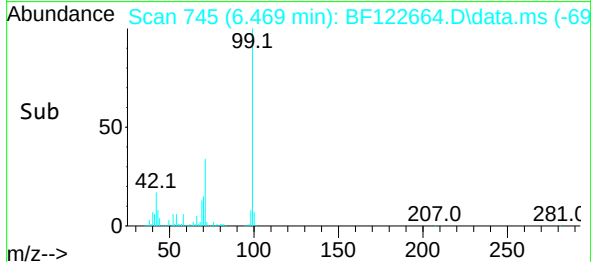
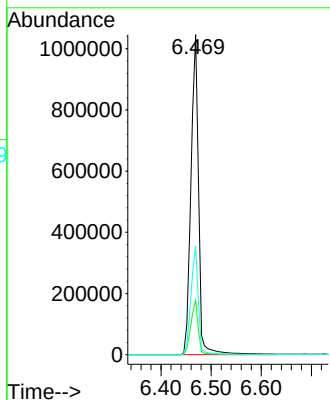
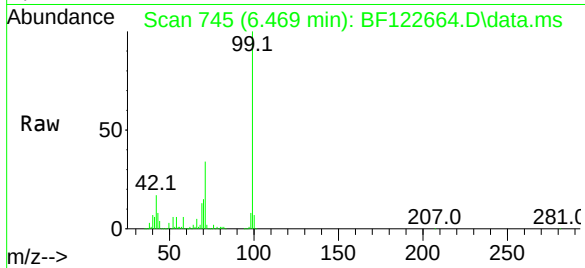




#7
Phenol-d6
Concen: 82.50 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

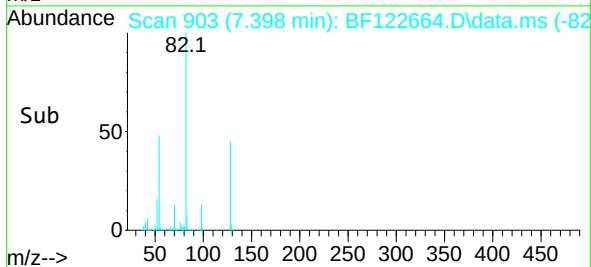
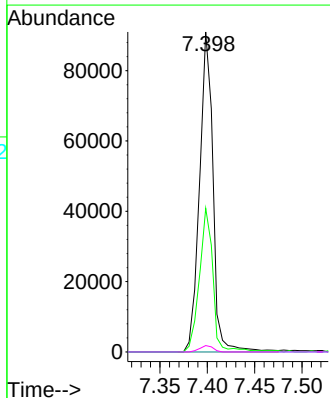
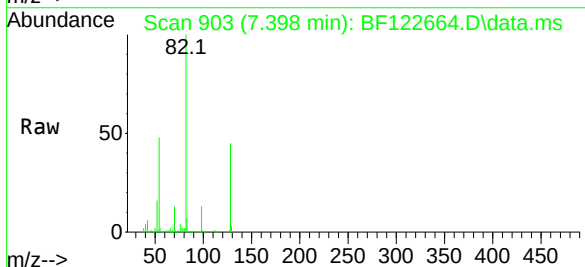
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BNA_F
ClientSampleId :
CS-47

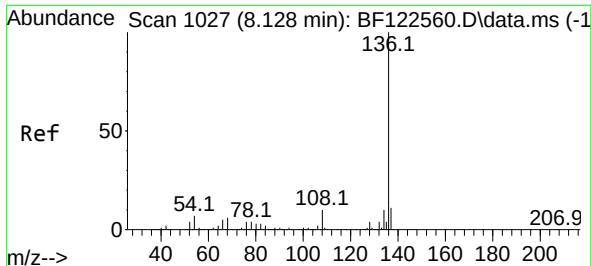
Tgt Ion: 99 Resp: 1109460
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 33.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.74 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

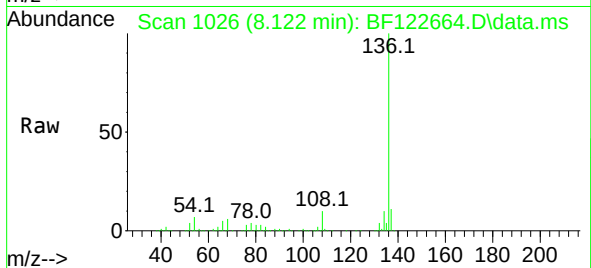
Tgt Ion: 70 Resp: 90409
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



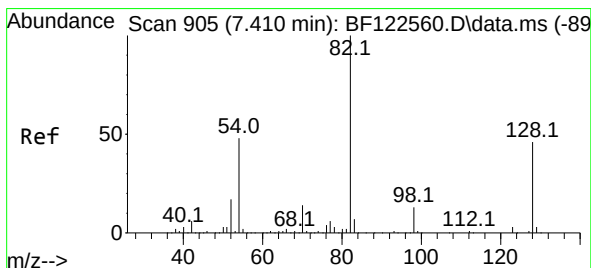
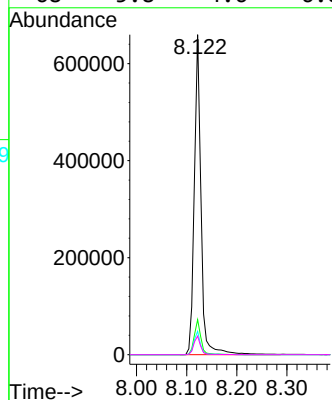
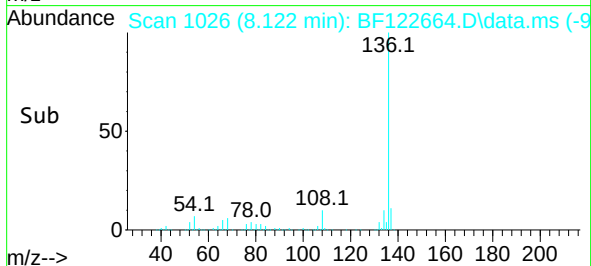


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

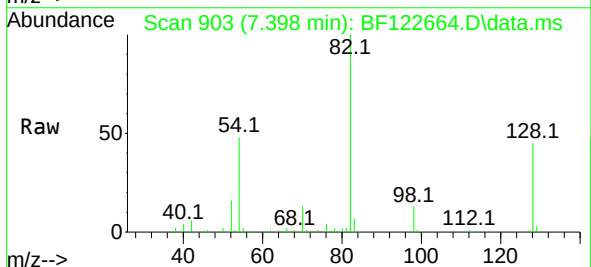
Instrument :
BNA_F
ClientSampleId :
CS-47



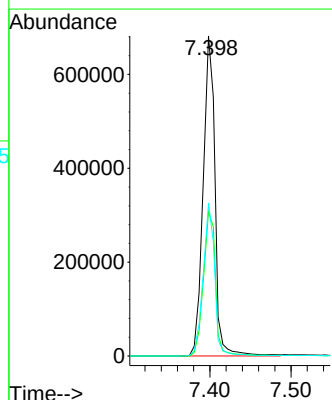
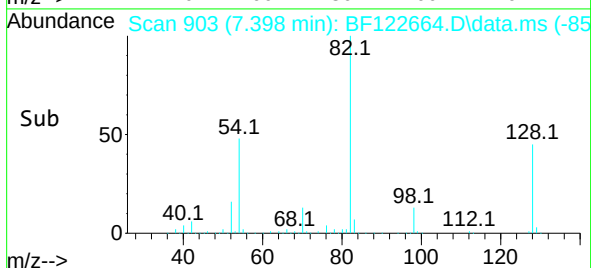
Tgt Ion:136 Resp: 614175
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 5.8 4.6 6.8

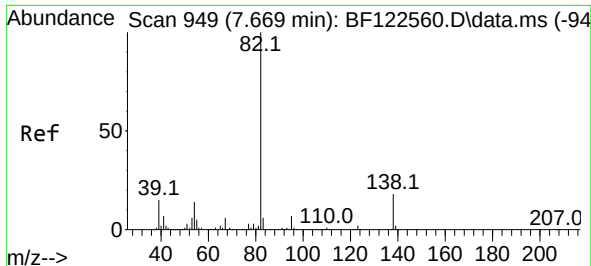


#23
Nitrobenzene-d5
Concen: 56.49 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37



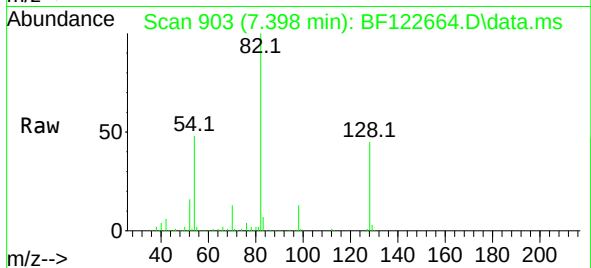
Tgt Ion: 82 Resp: 692474
Ion Ratio Lower Upper
82 100
128 45.1 37.0 55.4
54 47.7 38.4 57.6



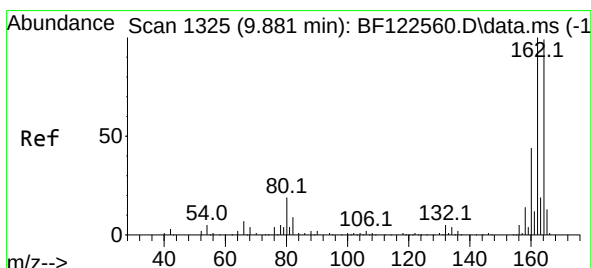
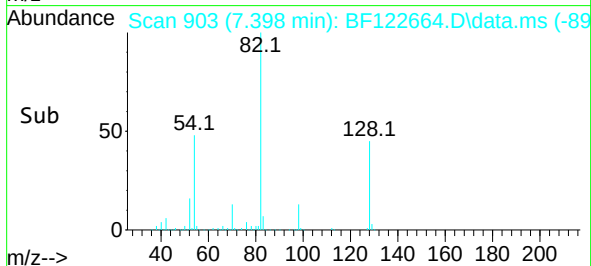
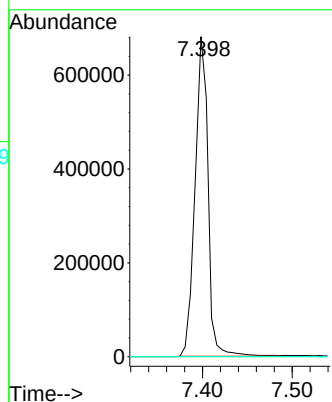


#25
Isophorone
Concen: 32.44 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

Instrument :
BNA_F
ClientSampleId :
CS-47

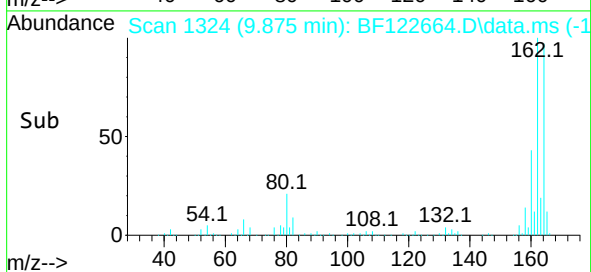
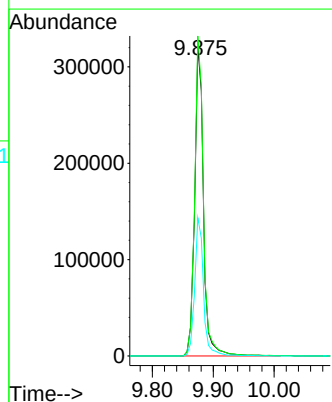
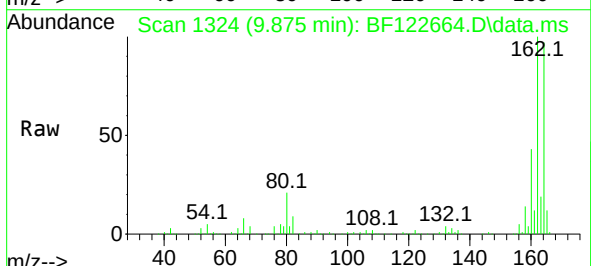


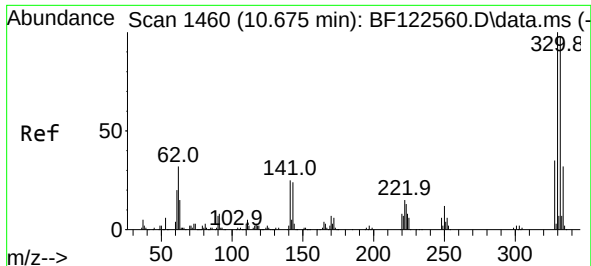
Tgt Ion: 82 Resp: 684889
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

Tgt Ion: 164 Resp: 324761
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 44.7 35.4 53.0

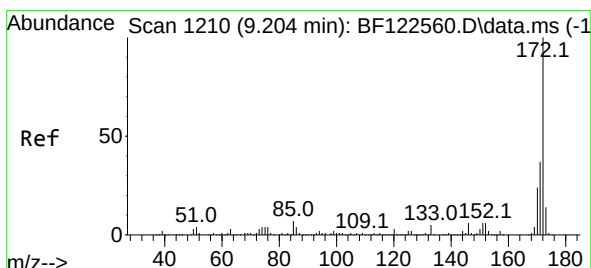
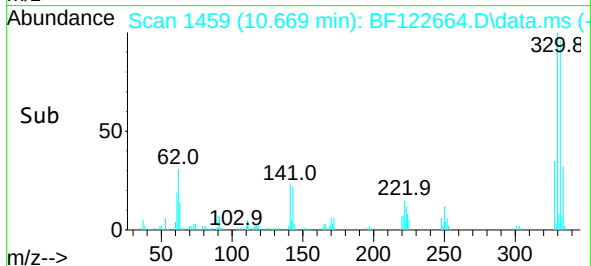
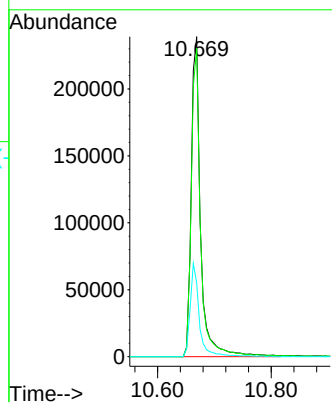
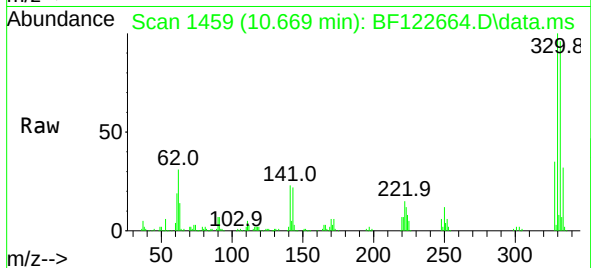




#42
2,4,6-Tribromophenol
Concen: 64.28 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

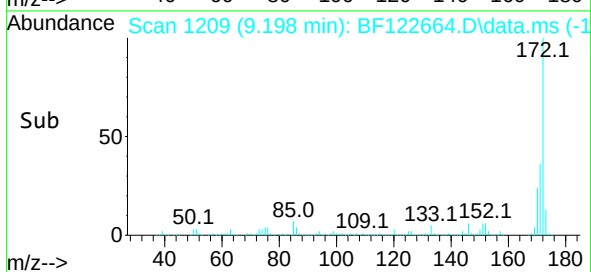
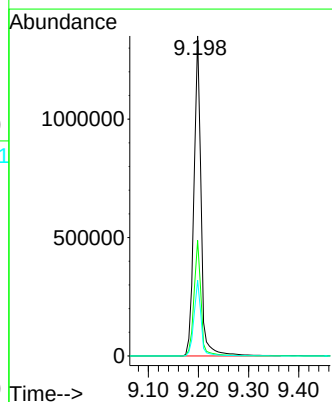
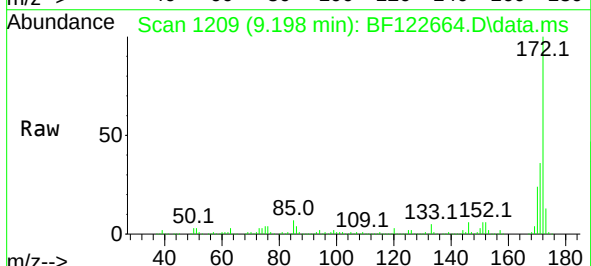
Instrument :
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ClientSampleId :
CS-47

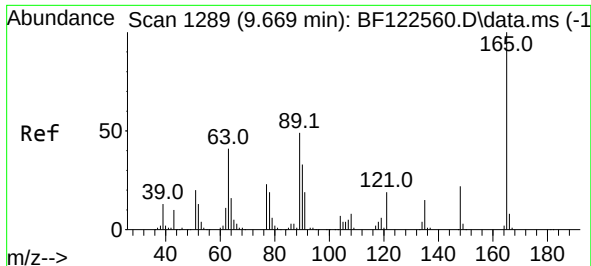
Tgt Ion: 330 Resp: 273256
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 28.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.58 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

Tgt Ion: 172 Resp: 1334545
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.7 19.5 29.3

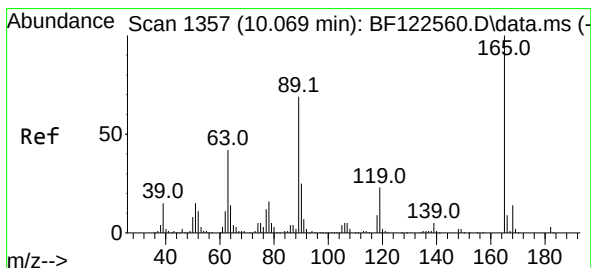
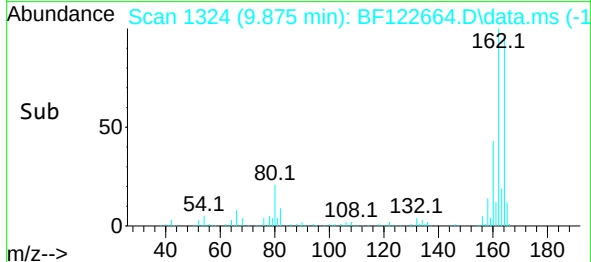
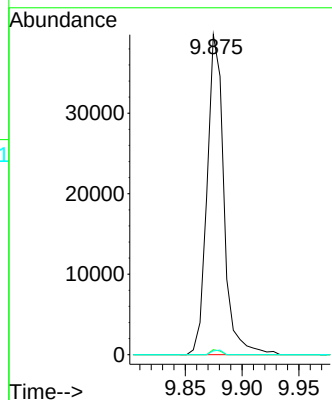
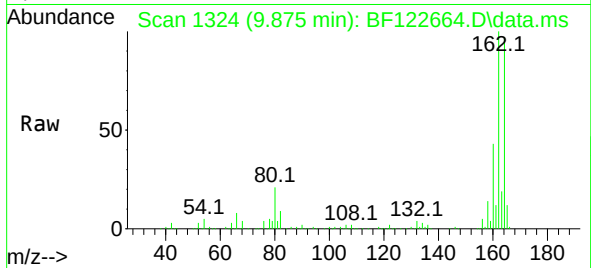




#51
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

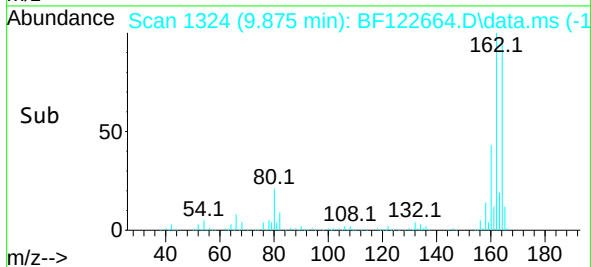
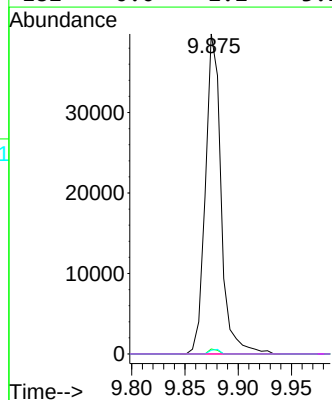
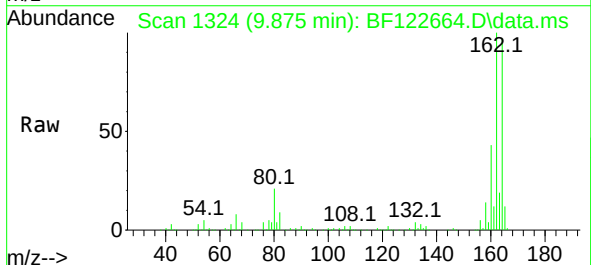
Instrument :
BNA_F
ClientSampled :
CS-47

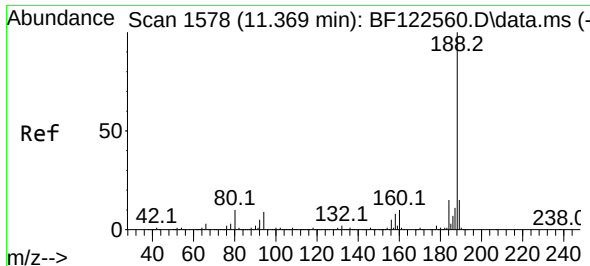
Tgt Ion:165 Resp: 40941
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

Tgt Ion:165 Resp: 40941
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

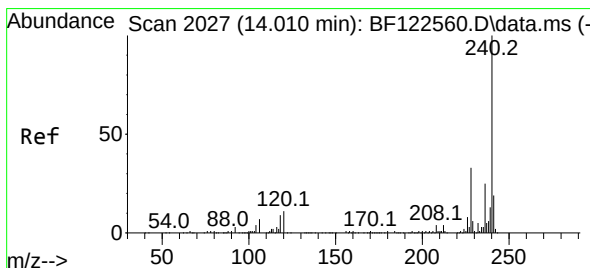
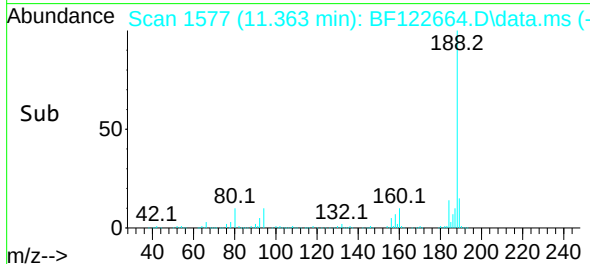
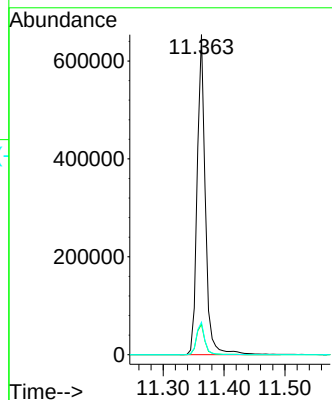
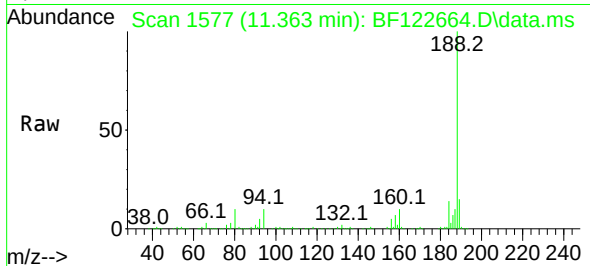




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

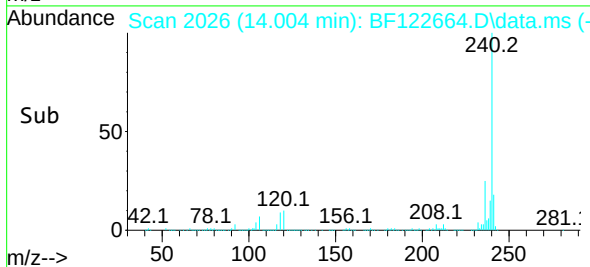
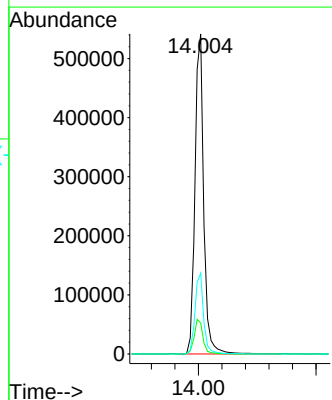
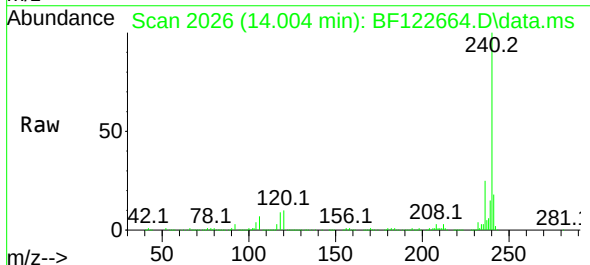
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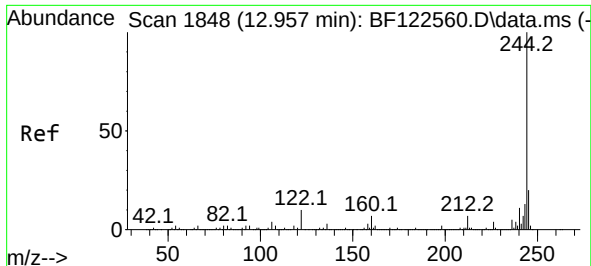
Tgt Ion:188 Resp: 610099
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122664.D
Acq: 11 Dec 2020 15:37

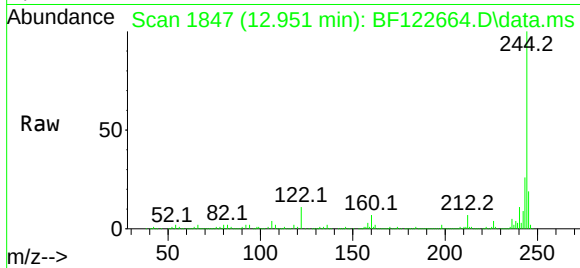
Tgt Ion:240 Resp: 559399
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.3 20.3 30.5



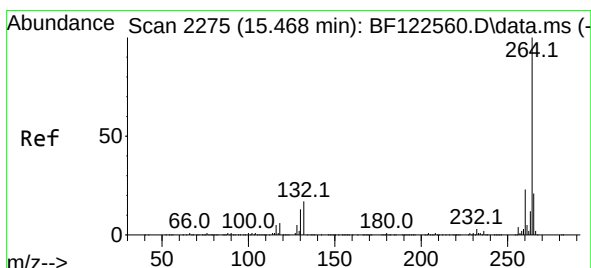
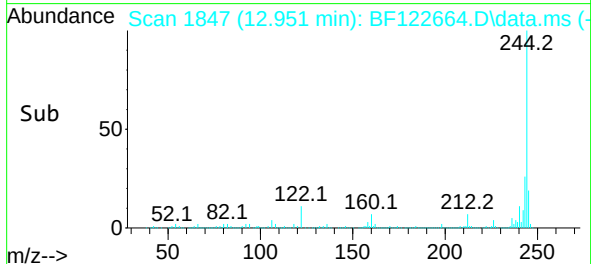
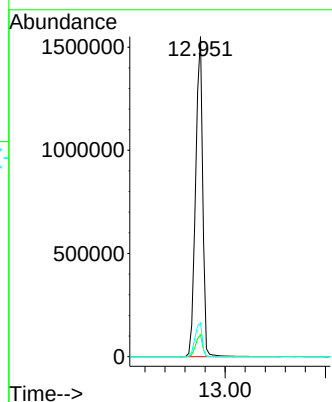


#79
 Terphenyl-d14
 Concen: 47.45 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122664.D
 Acq: 11 Dec 2020 15:37

Instrument :
 BNA_F
 ClientSampled :
 CS-47



Tgt Ion:244 Resp: 1516317
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF122664.D
 Acq: 11 Dec 2020 15:37

Tgt Ion:264 Resp: 494579
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.5 17.0 25.6

