

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122829.D
 Acq On : 23 Dec 2020 00:07
 Operator : JU/CG
 Sample : L5193-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-022-002-SO

Quant Time: Dec 23 00:50:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

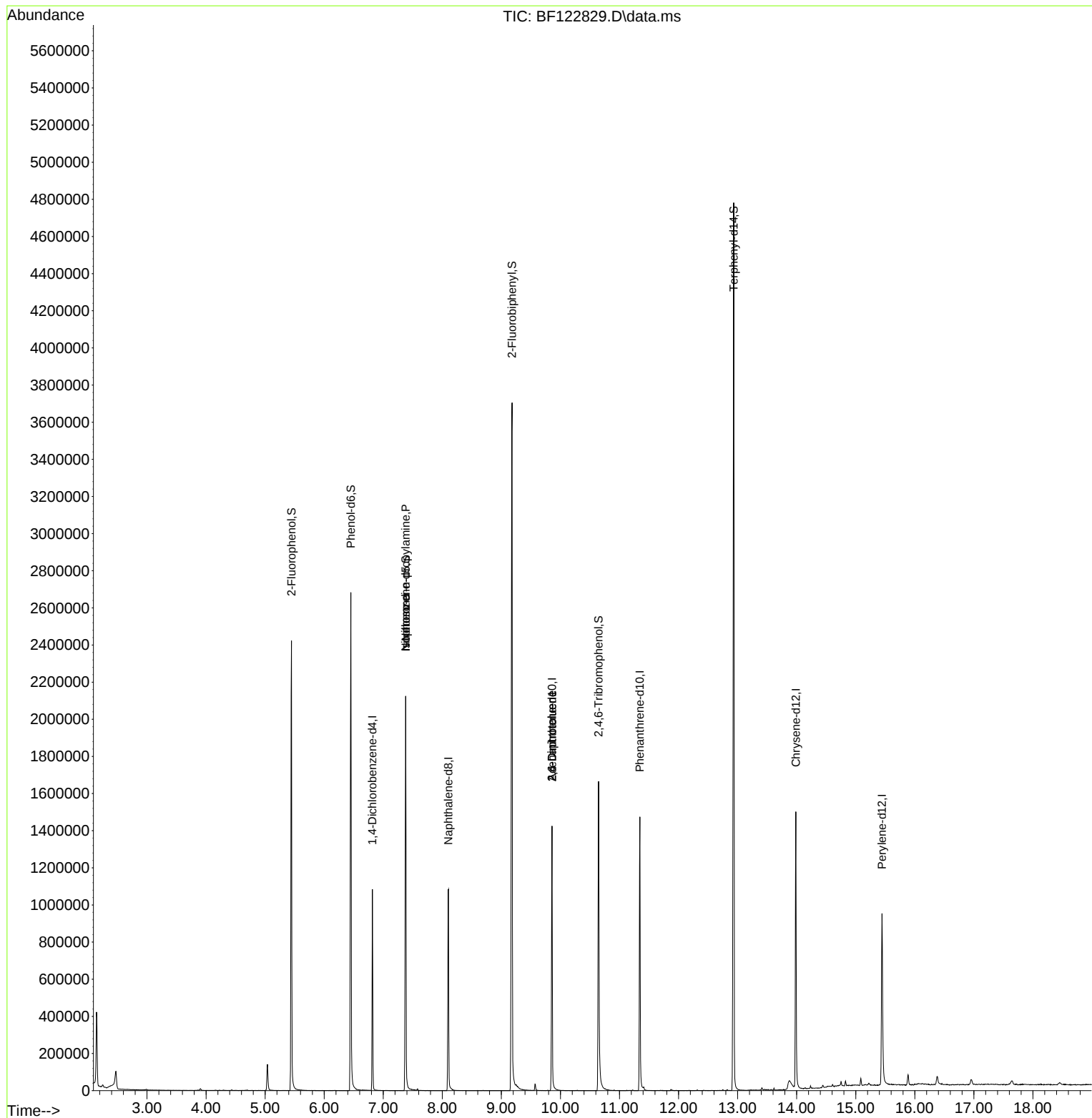
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	159027	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	607558	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	325881	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	627110	20.00	ng	0.00
76) Chrysene-d12	13.986	240	585165	20.00	ng	0.00
86) Perylene-d12	15.445	264	494243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	732489	72.92	ng	0.01
7) Phenol-d6	6.451	99	1037703	77.89	ng	0.00
23) Nitrobenzene-d5	7.381	82	770822	63.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	275608	64.61	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1514829	62.87	ng	0.00
79) Terphenyl-d14	12.933	244	1786542	53.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	103221	13.53	ng	# 75
25) Isophorone	7.381	82	770817	36.91	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	42116	7.66	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	42111	5.75	ng	# 25

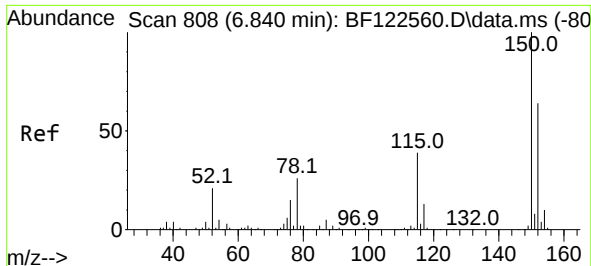
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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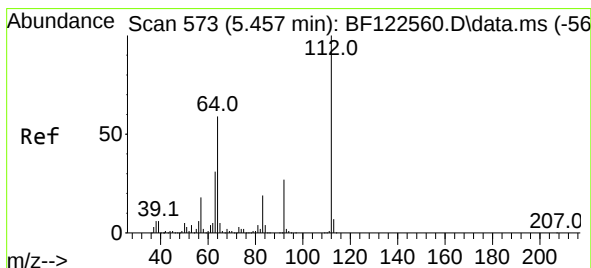
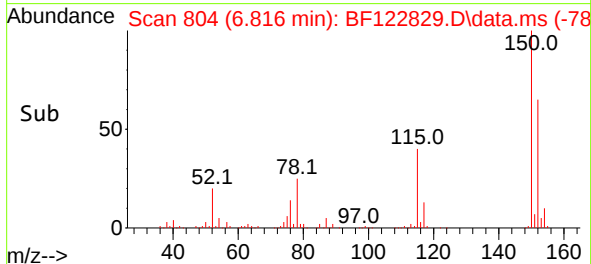
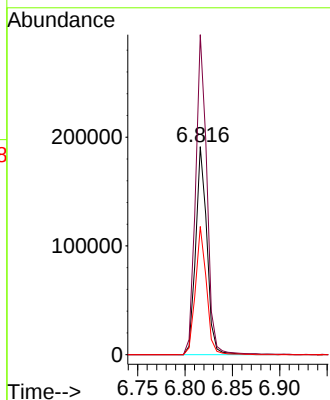
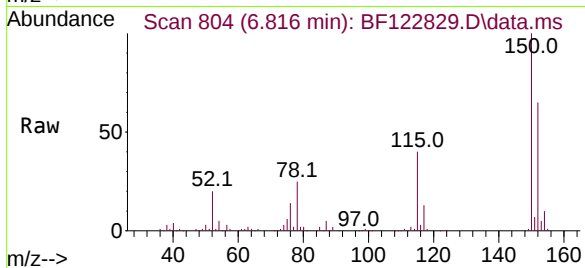




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

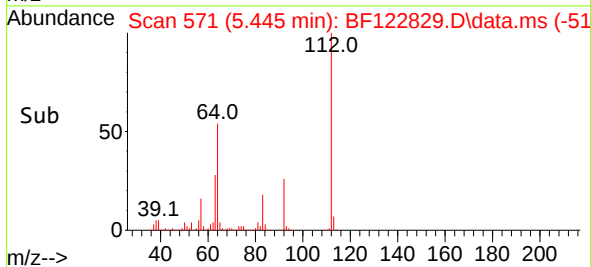
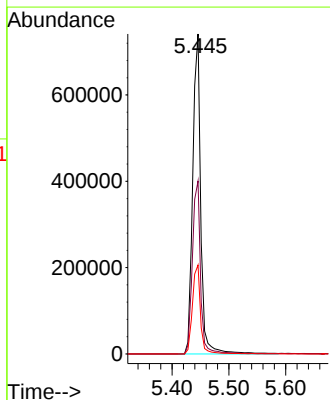
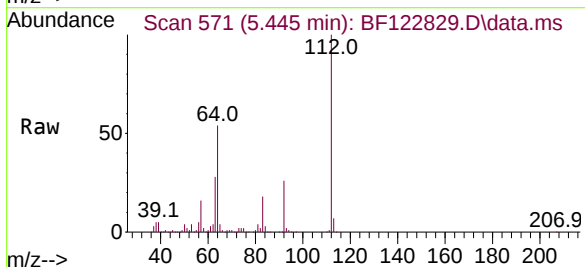
Instrument :
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ClientSampleId :
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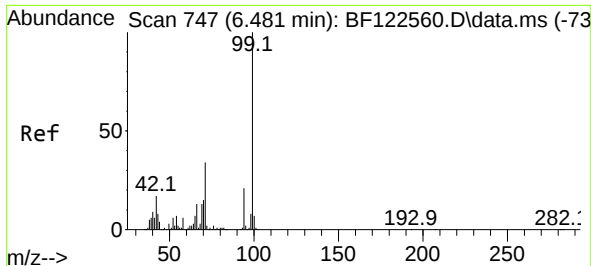
Tgt Ion:152 Resp: 159027
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 72.92 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion:112 Resp: 732489
Ion Ratio Lower Upper
112 100
64 54.0 46.9 70.3
63 27.8 24.5 36.7

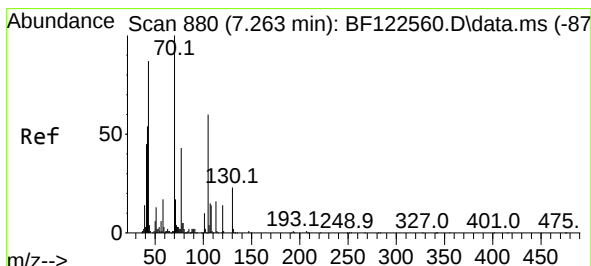
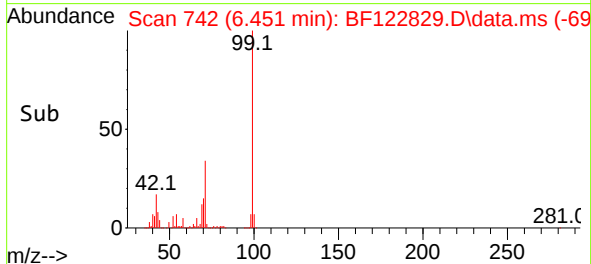
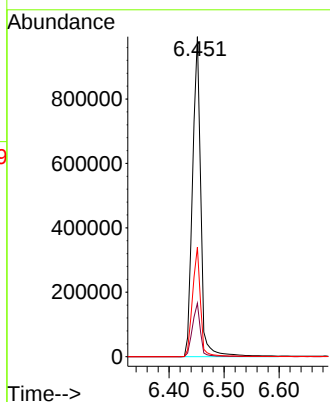
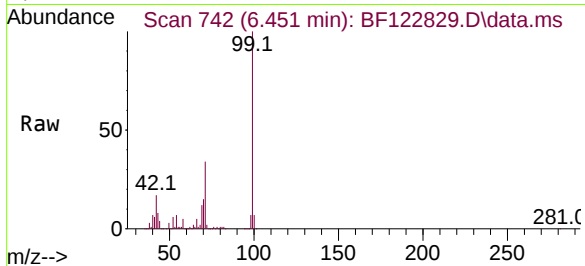




#7
Phenol-d6
Concen: 77.89 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

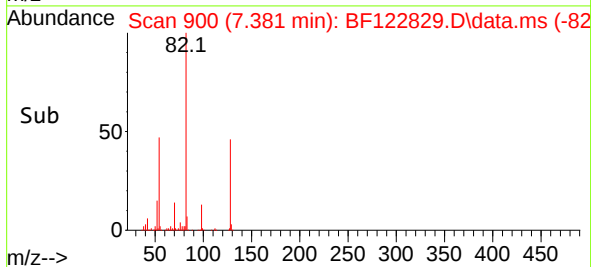
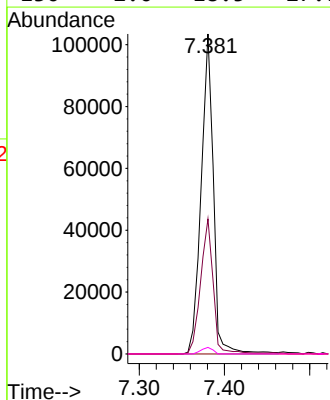
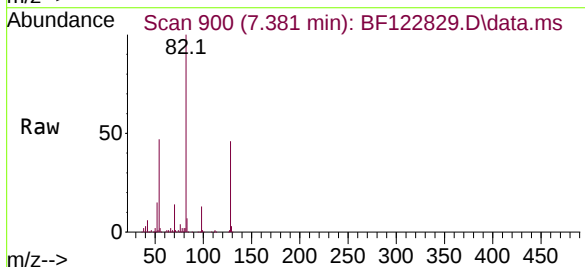
Instrument :
BNA_F
ClientSampleId :
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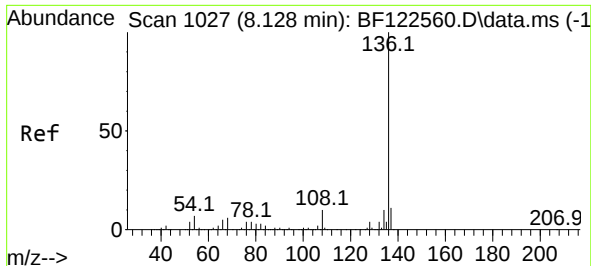
Tgt Ion: 99 Resp: 1037703
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 34.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

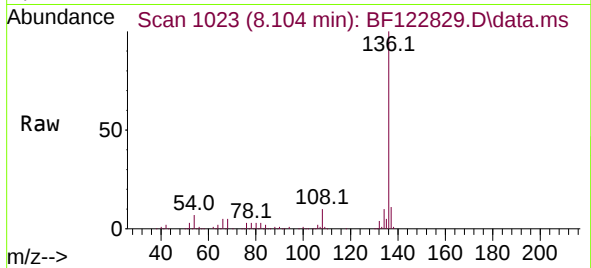
Tgt Ion: 70 Resp: 103221
Ion Ratio Lower Upper
70 100
42 42.2 43.0 64.4#
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



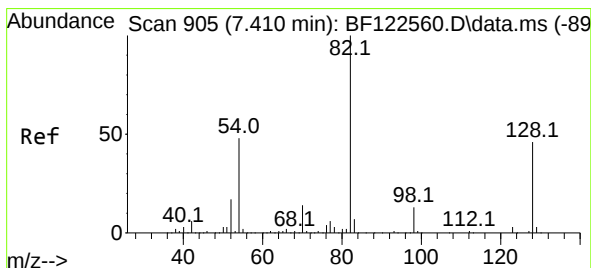
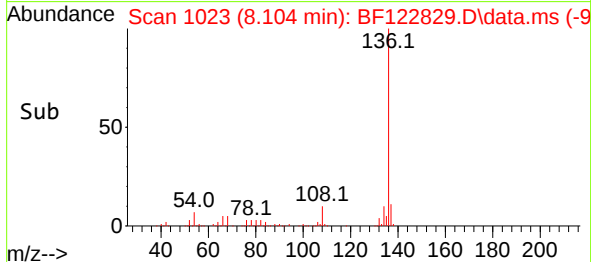
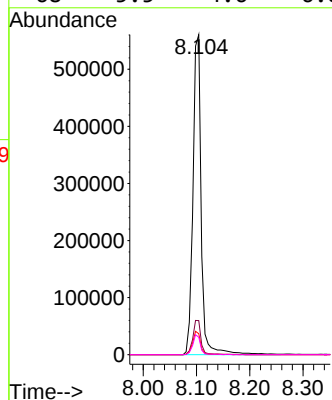


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-022-002-SO

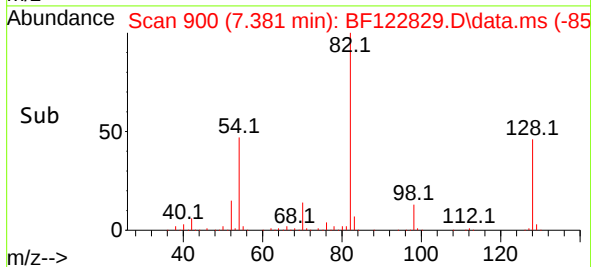
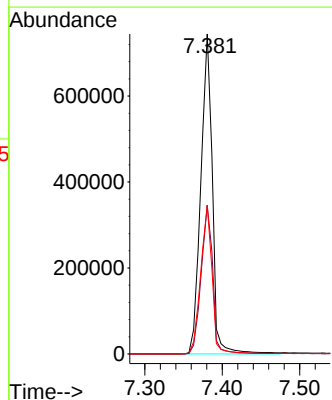
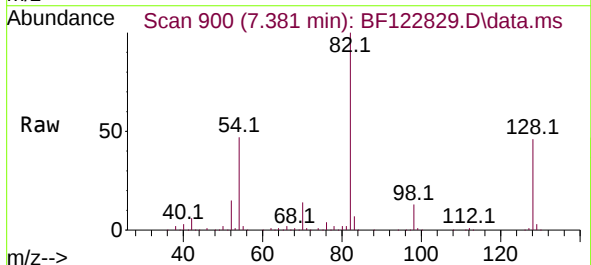


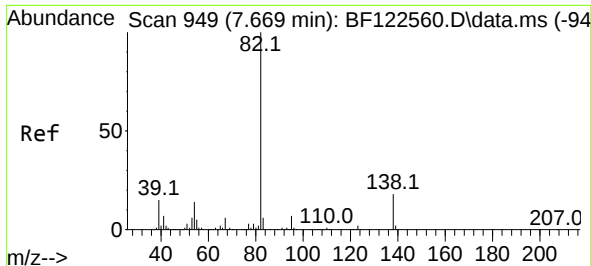
Tgt Ion:	136	Resp:	607558
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	6.6	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 63.57 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion:	82	Resp:	770822
Ion Ratio	Lower	Upper	
82	100		
128	46.4	37.0	55.4
54	46.5	38.4	57.6

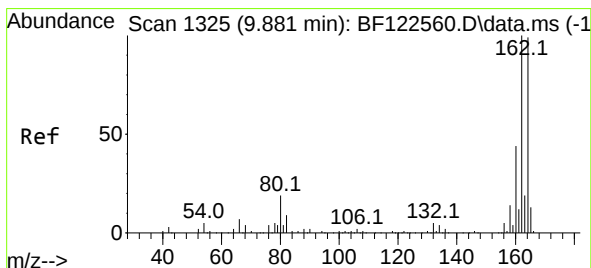
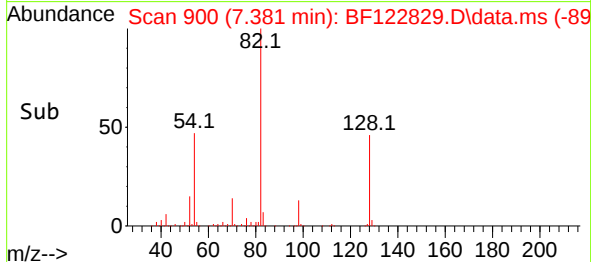
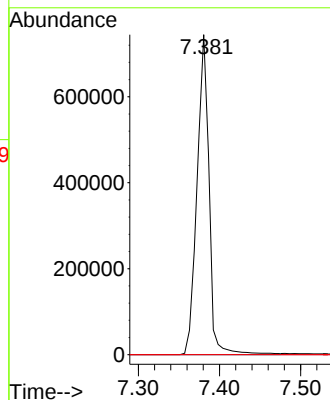
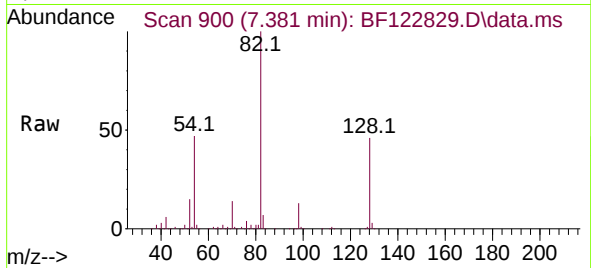




#25
Isophorone
Concen: 36.91 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

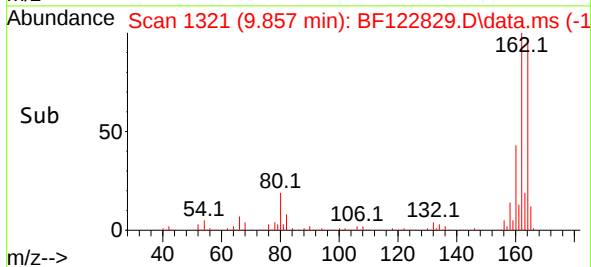
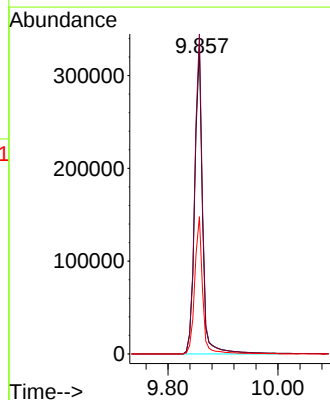
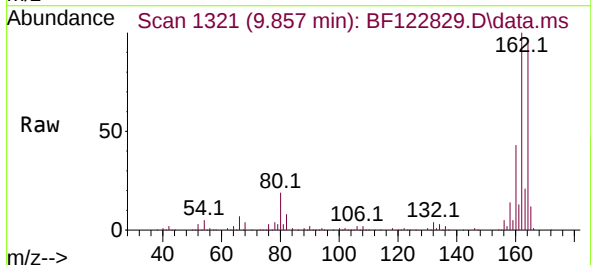
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-022-002-SO

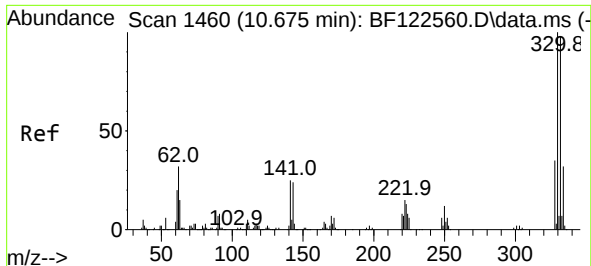
Tgt Ion: 82 Resp: 770817
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion: 164 Resp: 325881
Ion Ratio Lower Upper
164 100
162 104.4 80.8 121.2
160 44.8 35.4 53.0

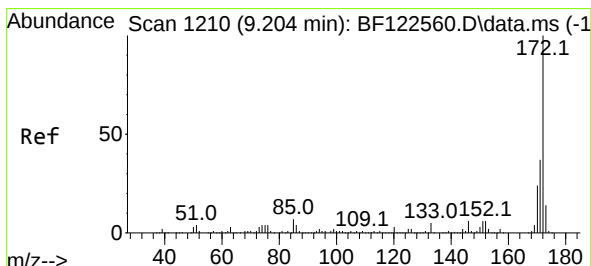
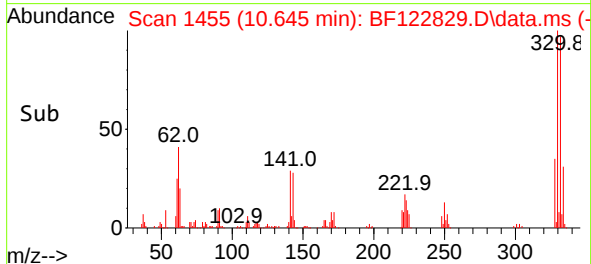
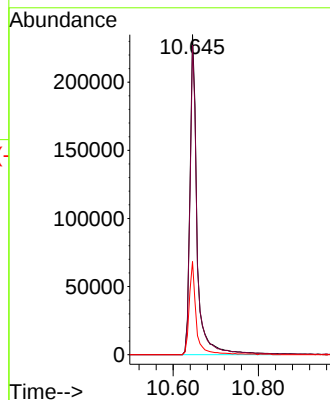
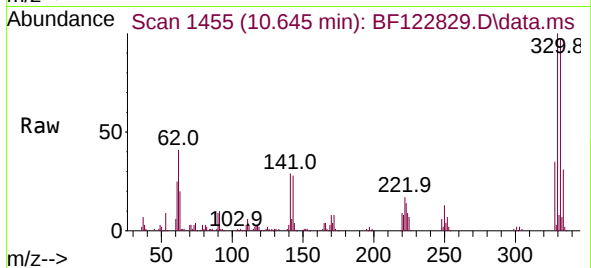




#42
2,4,6-Tribromophenol
Concen: 64.61 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

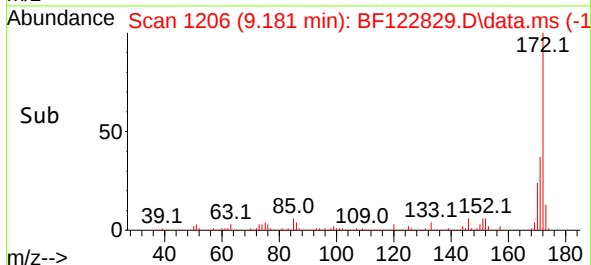
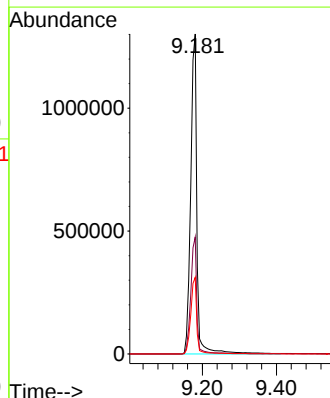
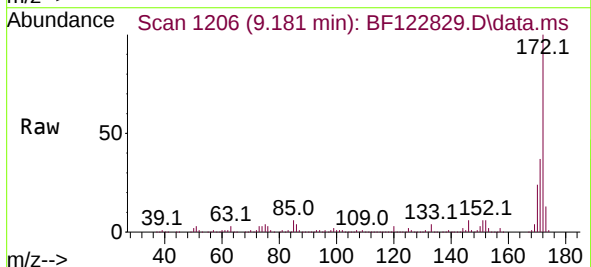
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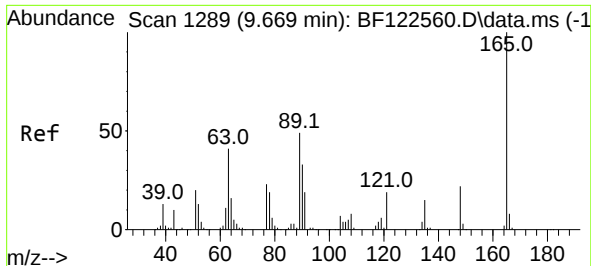
Tgt Ion: 330 Resp: 275608
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 62.87 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion: 172 Resp: 1514829
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.5 29.3

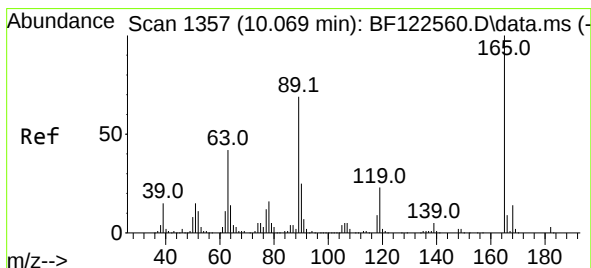
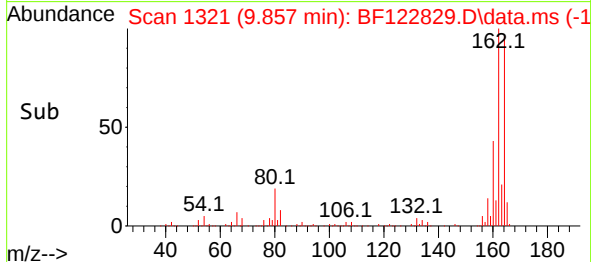
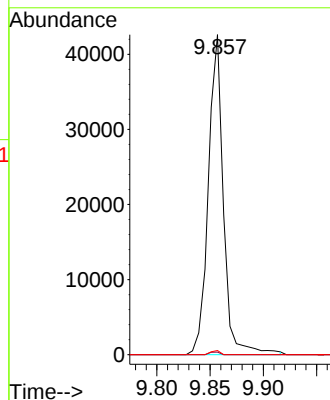
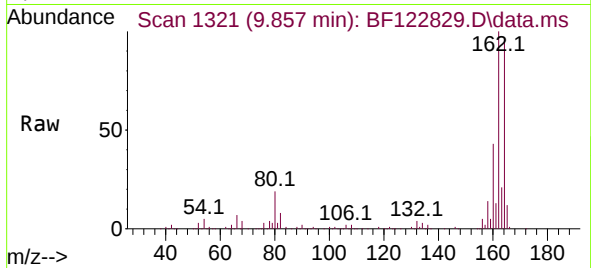




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

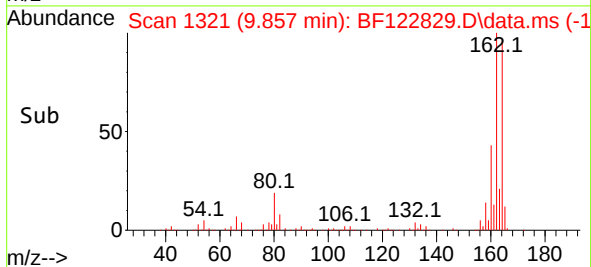
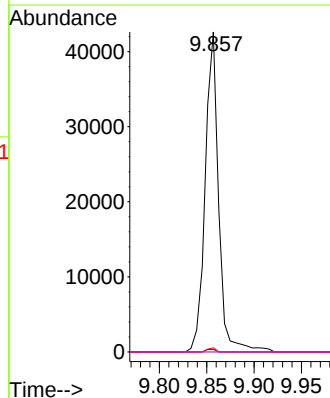
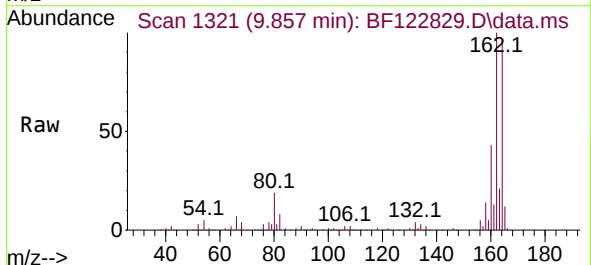
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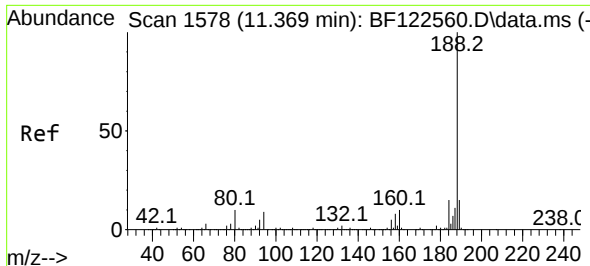
Tgt Ion:165 Resp: 42116
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion:165 Resp: 42111
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

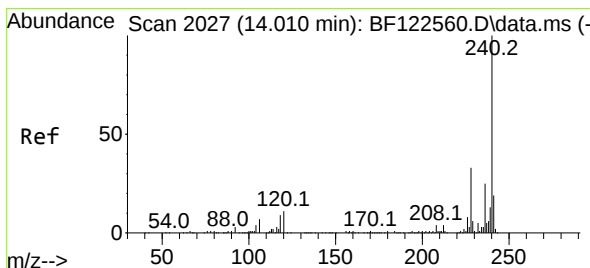
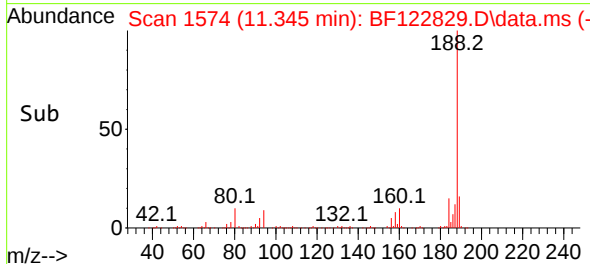
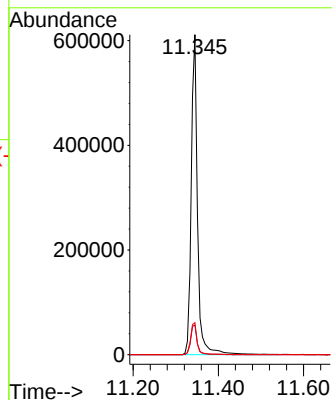
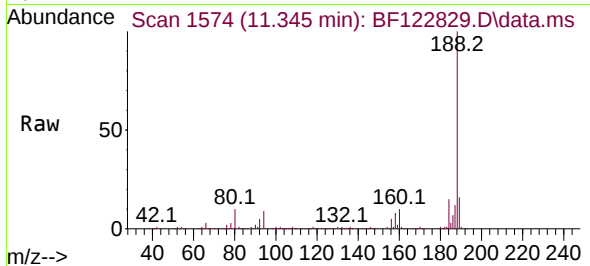




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

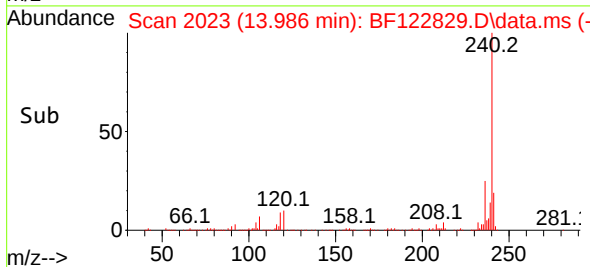
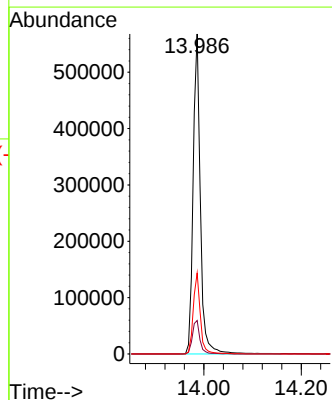
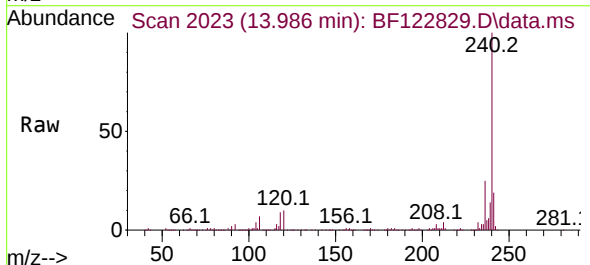
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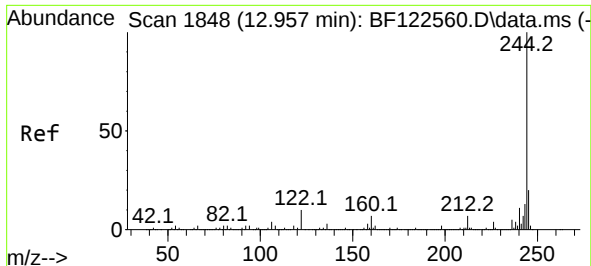
Tgt Ion:188 Resp: 627110
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

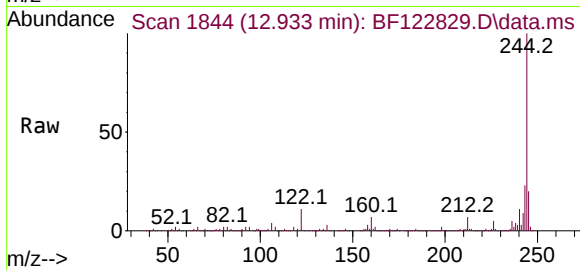
Tgt Ion:240 Resp: 585165
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.3 20.3 30.5



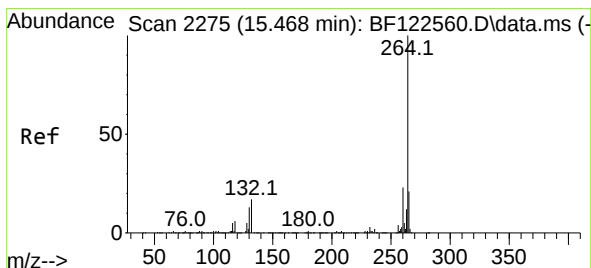
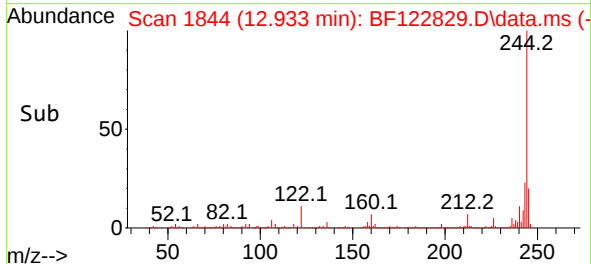
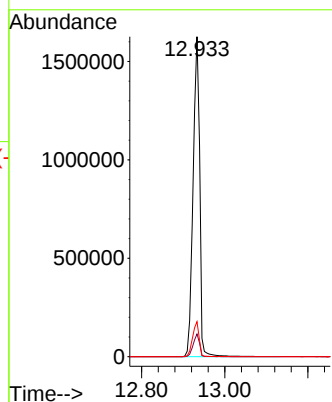


#79
Terphenyl-d14
Concen: 53.44 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-022-002-SO



Tgt Ion:244 Resp: 1786542
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122829.D
Acq: 23 Dec 2020 00:07

Tgt Ion:264 Resp: 494243
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.6 17.0 25.6

