

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122830.D
 Acq On : 23 Dec 2020 00:38
 Operator : JU/CG
 Sample : L5193-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-023-001-SO

Quant Time: Dec 23 01:18:05 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)

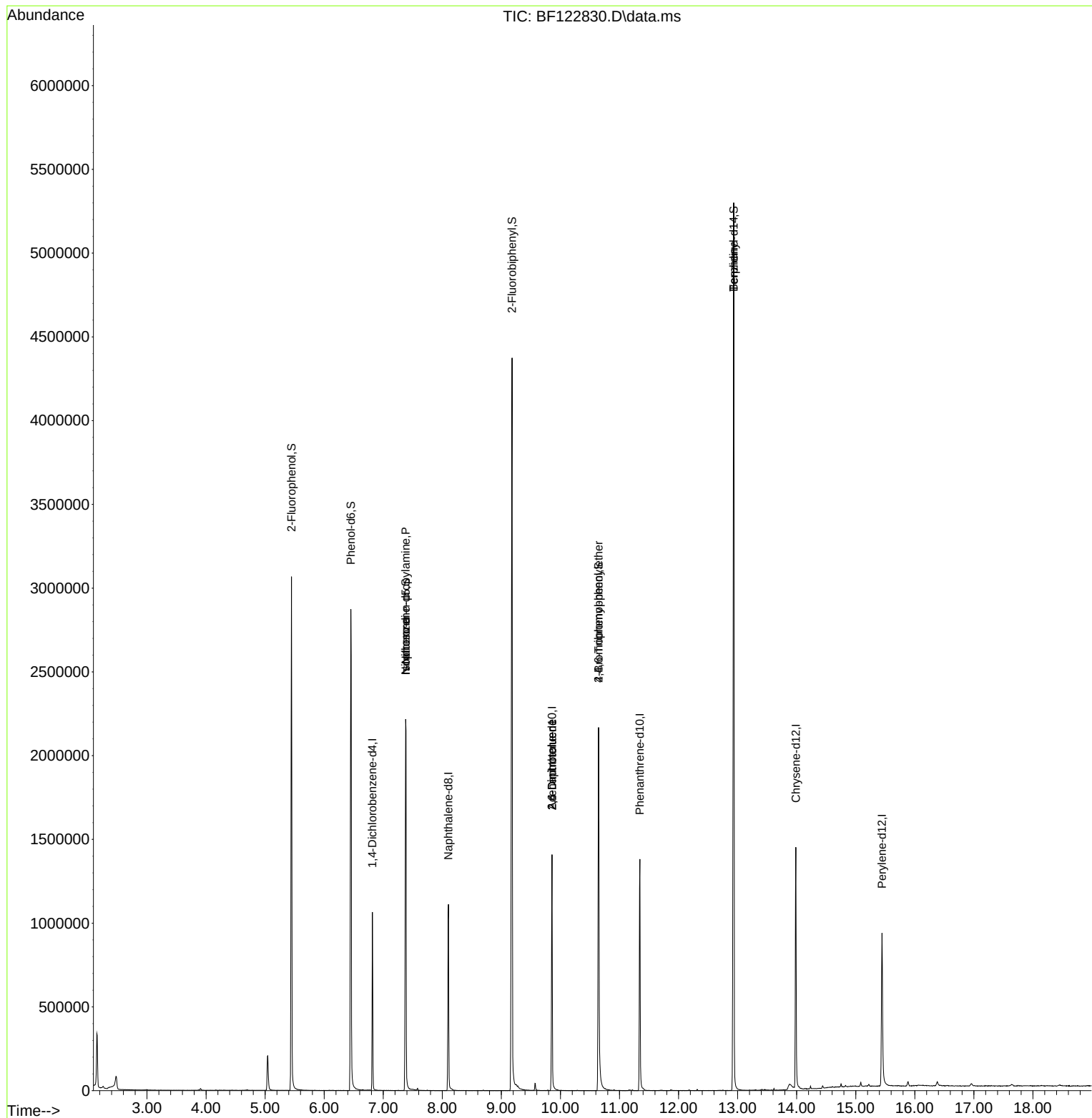
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	155319	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	599123	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	320402	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	605432	20.00	ng	0.00
76) Chrysene-d12	13.986	240	574066	20.00	ng	0.00
86) Perylene-d12	15.445	264	496634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	915120	93.28	ng	0.01
7) Phenol-d6	6.451	99	1252901	96.29	ng	0.00
23) Nitrobenzene-d5	7.381	82	917487	76.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	367462	87.62	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1726169	72.87	ng	0.00
79) Terphenyl-d14	12.933	244	2002465	61.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	121576	16.31	ng	Qvalue # 78
25) Isophorone	7.381	82	917483	44.55	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	40791	7.55	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	41027	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	22889	2.79	ng	# 1
77) Benzidine	12.933	184	24999	2.01	ng	# 94

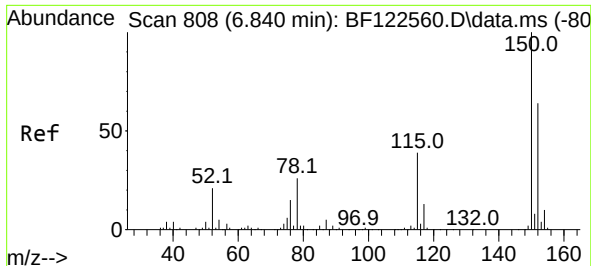
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

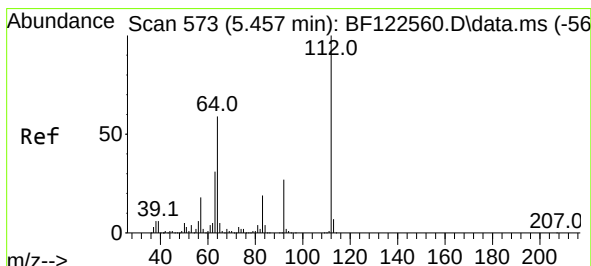
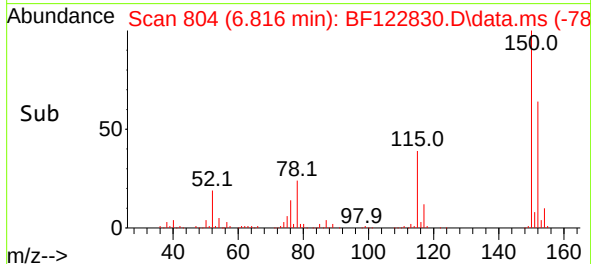
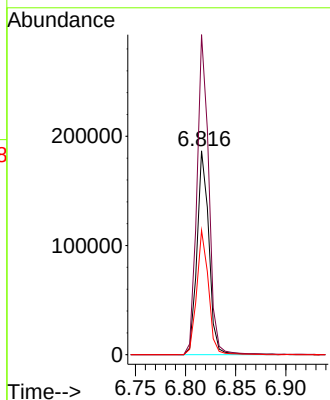
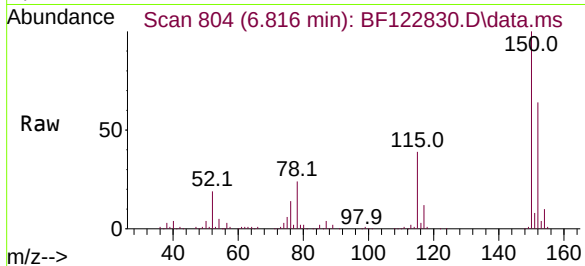




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

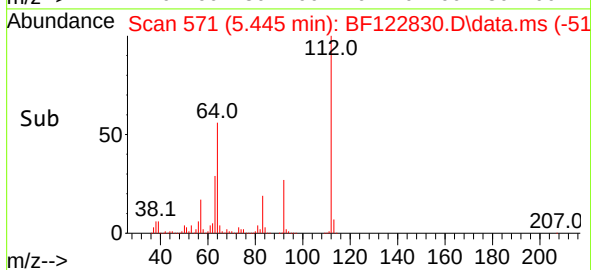
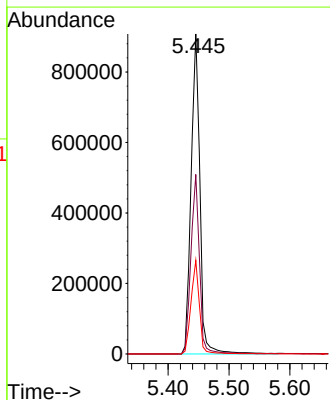
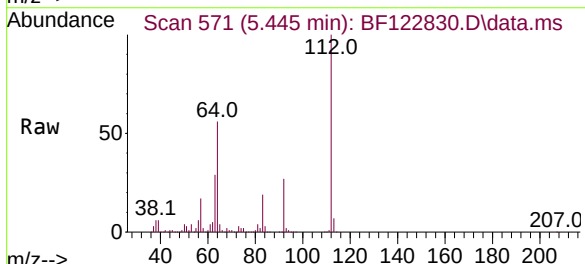
Instrument :
BNA_F
ClientSampleId :
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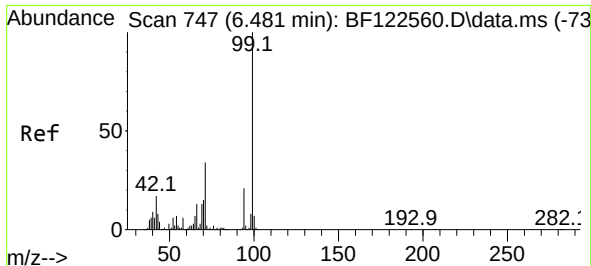
Tgt Ion:152 Resp: 155319
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 61.0 49.3 73.9



#5
2-Fluorophenol
Concen: 93.28 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

Tgt Ion:112 Resp: 915120
Ion Ratio Lower Upper
112 100
64 56.1 46.9 70.3
63 29.3 24.5 36.7

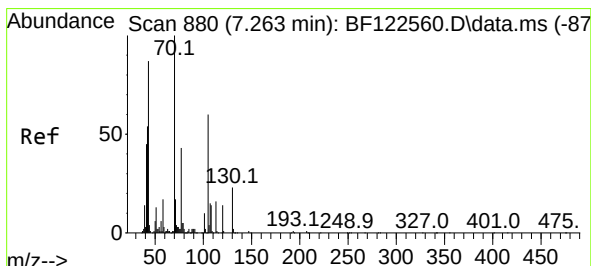
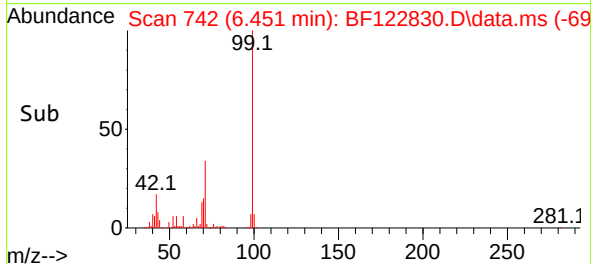
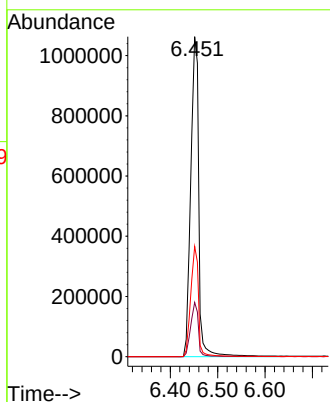
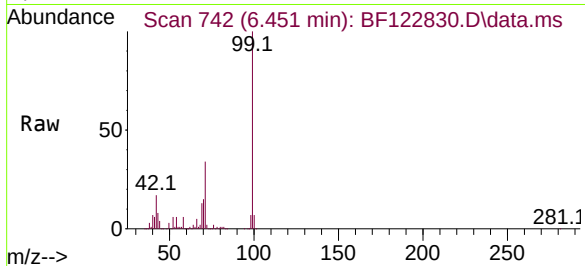




#7
Phenol-d6
Concen: 96.29 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

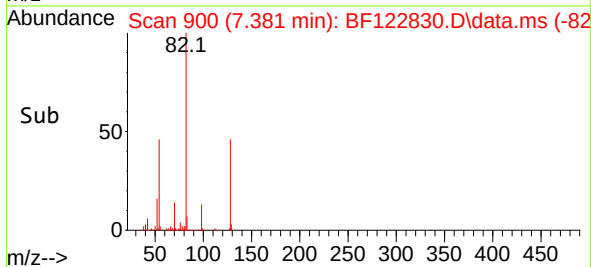
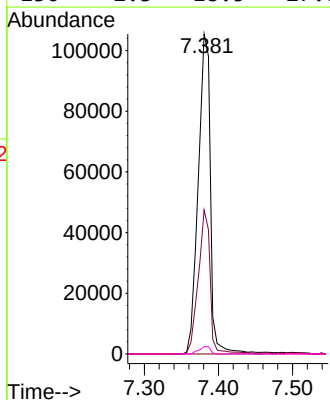
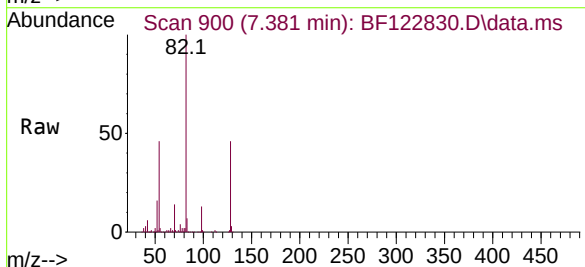
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-023-001-SO

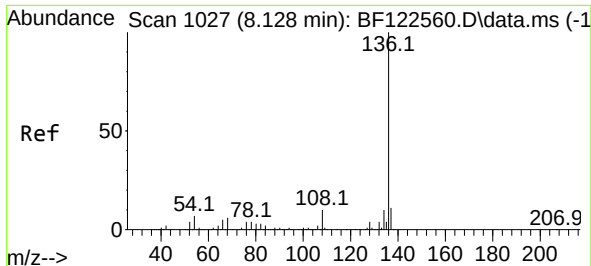
Tgt Ion: 99 Resp: 1252901
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

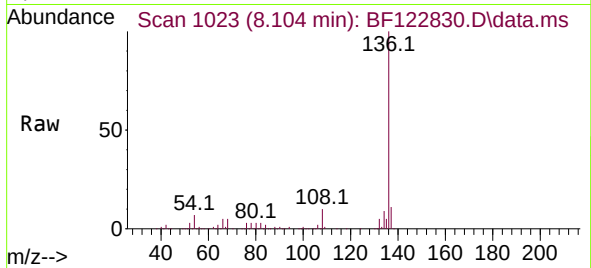
Tgt Ion: 70 Resp: 121576
Ion Ratio Lower Upper
70 100
42 45.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



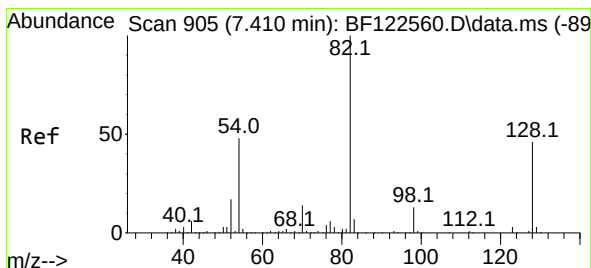
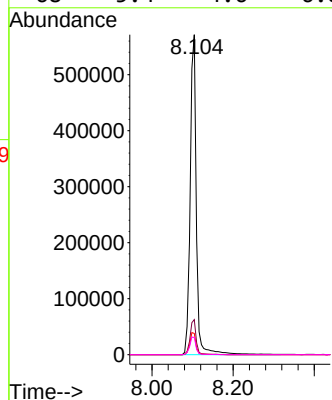
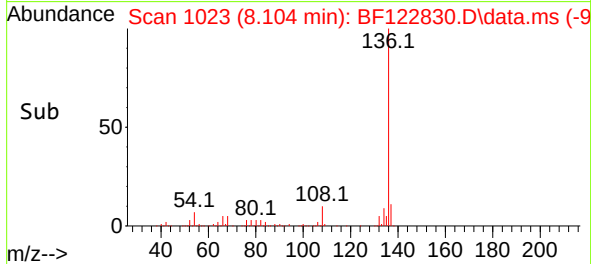


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

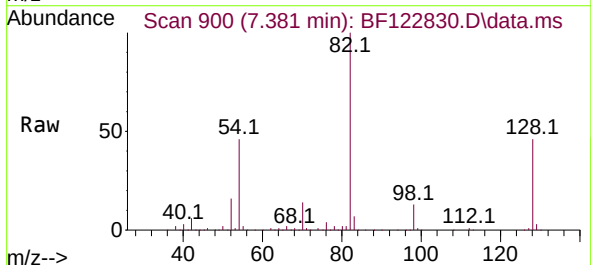
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-023-001-SO



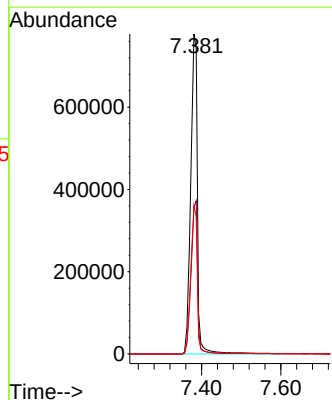
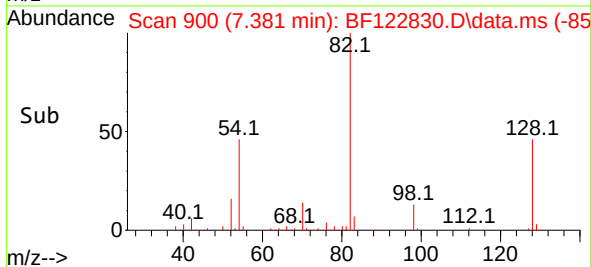
Tgt Ion:136 Resp: 599123
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.5 8.3
68 5.4 4.6 6.8

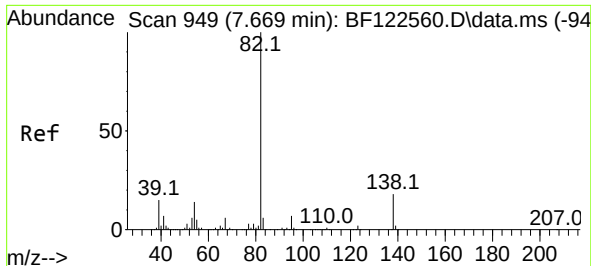


#23
Nitrobenzene-d5
Concen: 76.73 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38



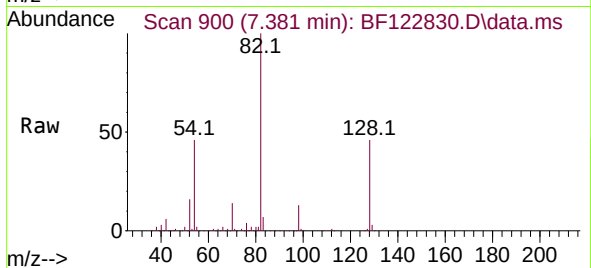
Tgt Ion: 82 Resp: 917487
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 46.4 38.4 57.6



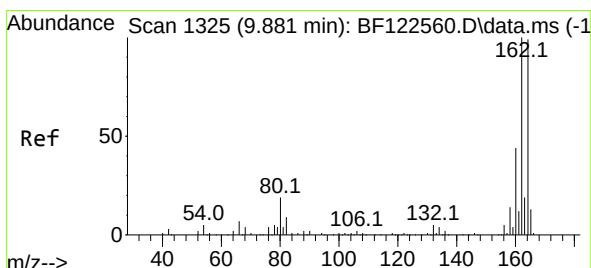
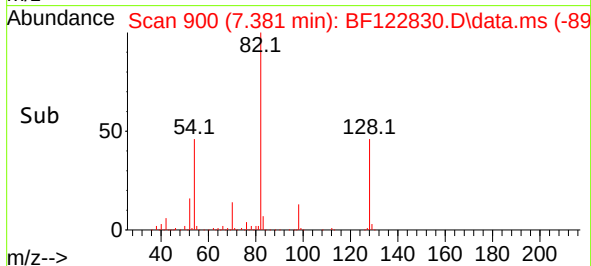
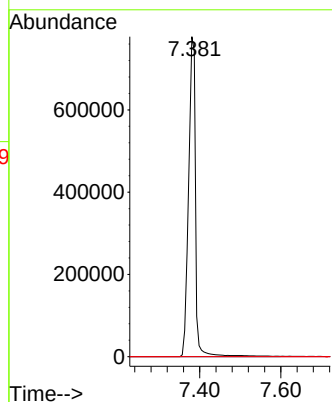


#25
Isophorone
Concen: 44.55 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122830.D
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Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-023-001-SO

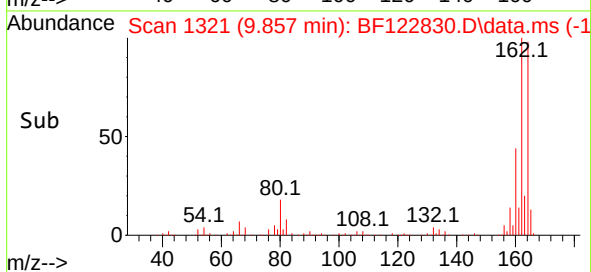
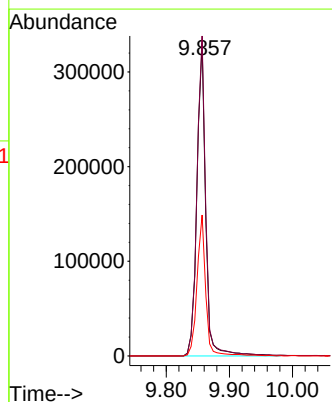
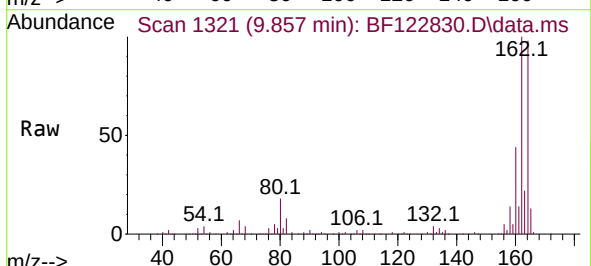


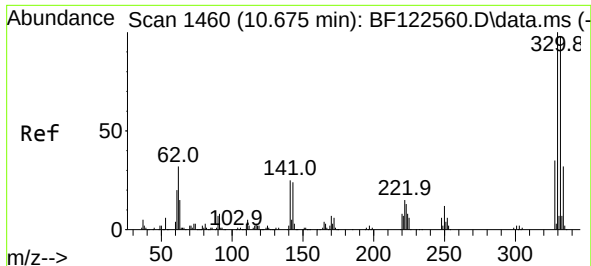
Tgt Ion: 82 Resp: 917483
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

Tgt Ion:164 Resp: 320402
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 45.1 35.4 53.0

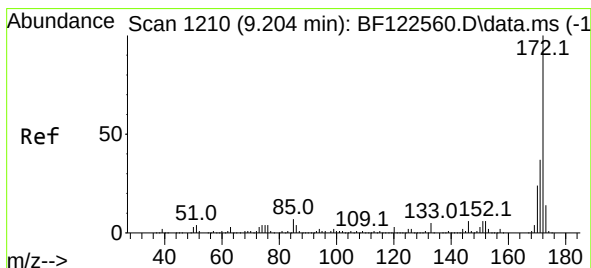
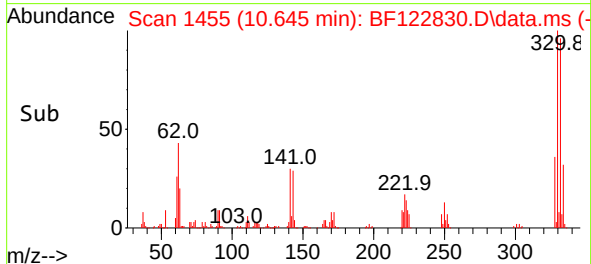
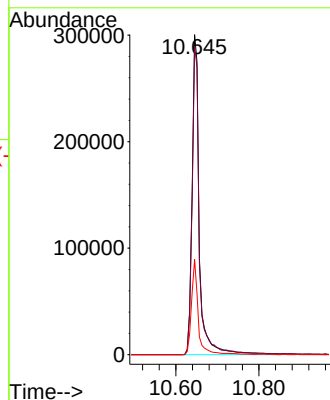
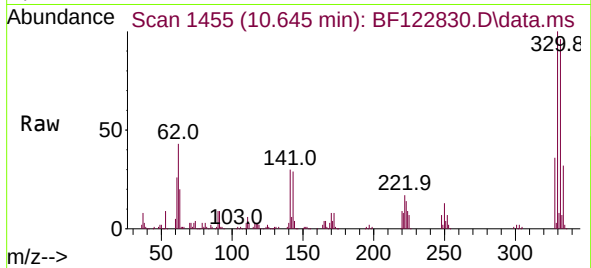




#42
2,4,6-Tribromophenol
Concen: 87.62 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

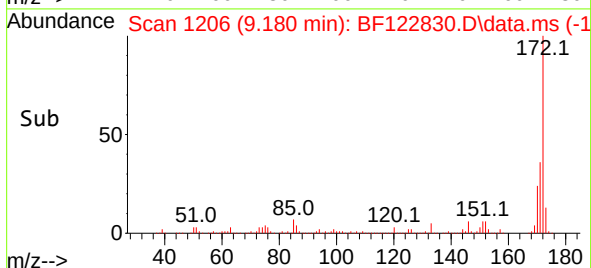
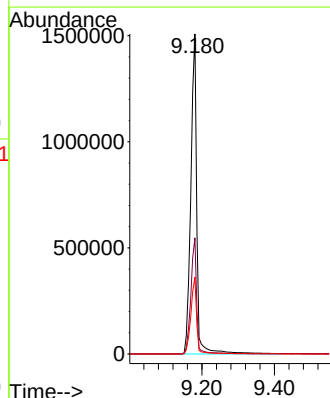
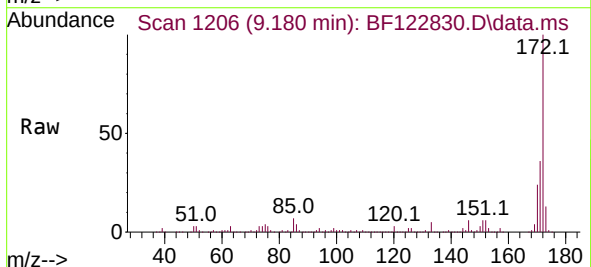
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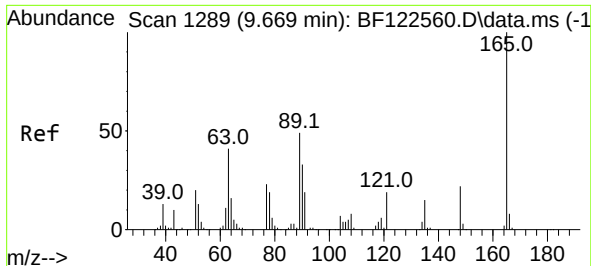
Tgt Ion: 330 Resp: 367462
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 27.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.87 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

Tgt Ion: 172 Resp: 1726169
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.5 29.3

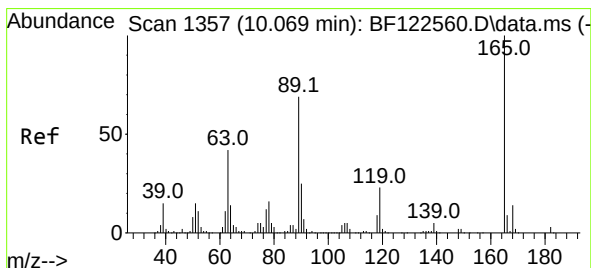
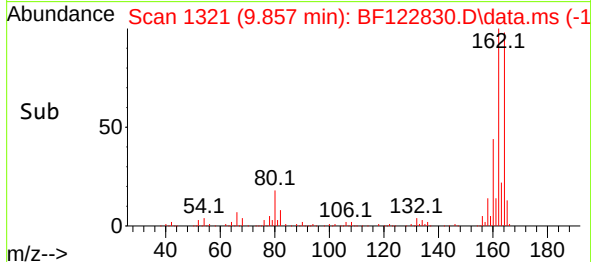
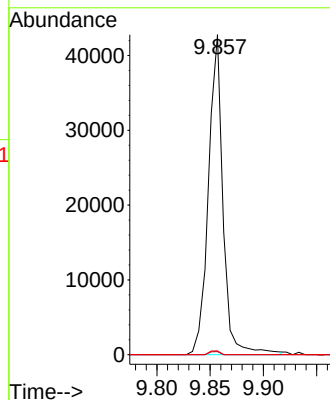
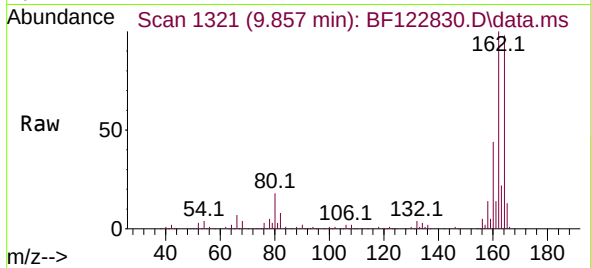




#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

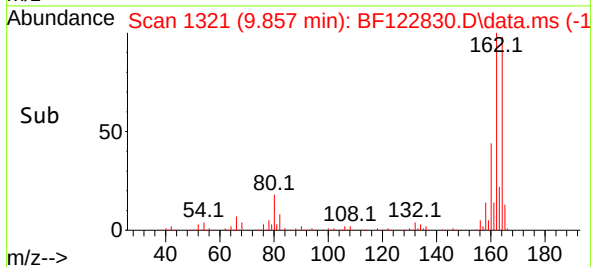
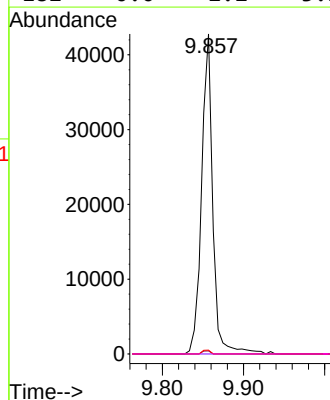
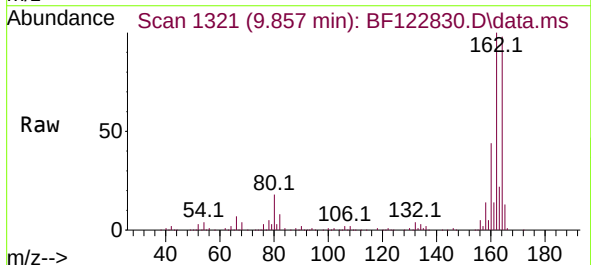
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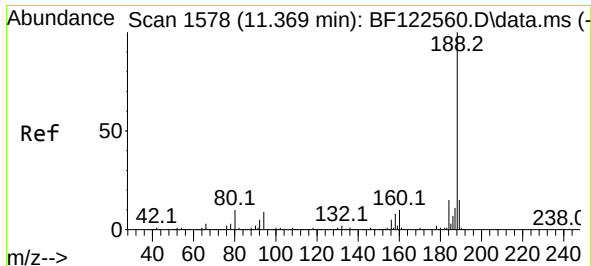
Tgt Ion:165 Resp: 40791
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

Tgt Ion:165 Resp: 41027
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

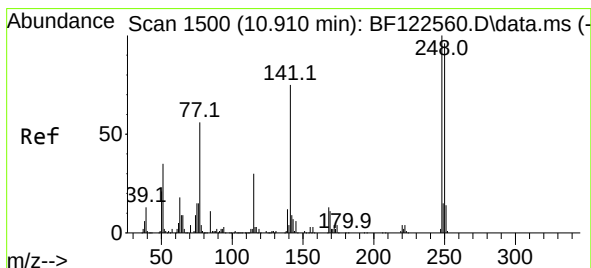
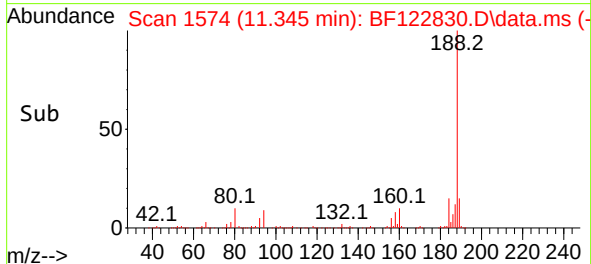
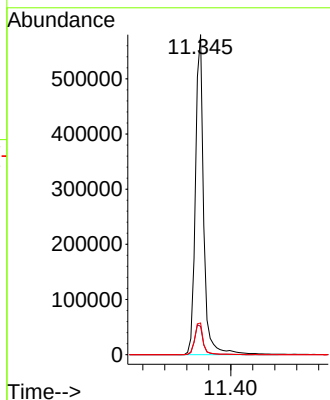
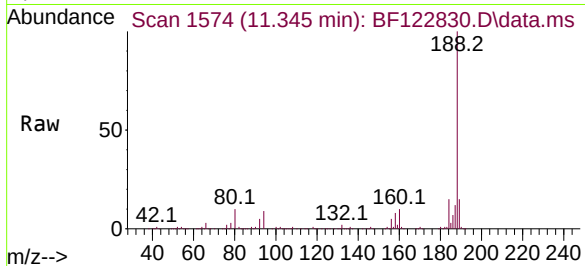




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

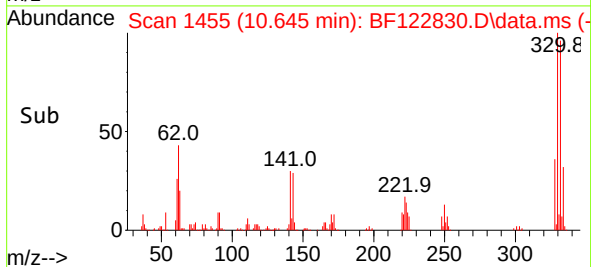
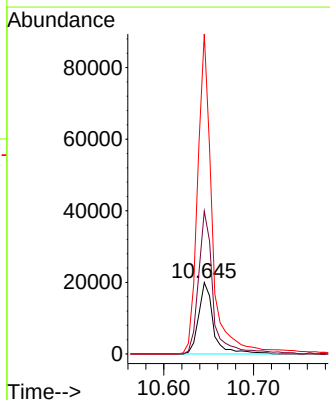
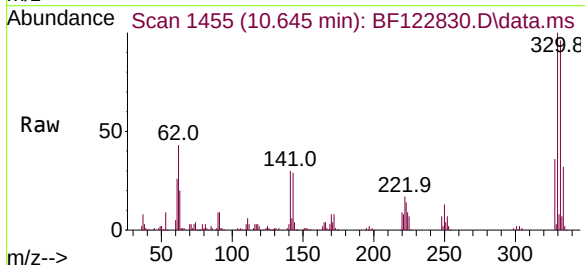
Instrument :
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ClientSampleId :
LLEXSITUTV-023-001-SO

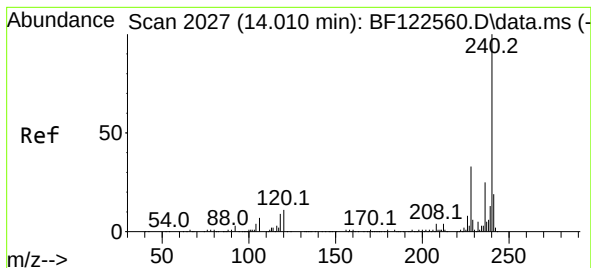
Tgt Ion:188 Resp: 605432
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

Tgt Ion:248 Resp: 22889
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 448.3 59.8 89.8#

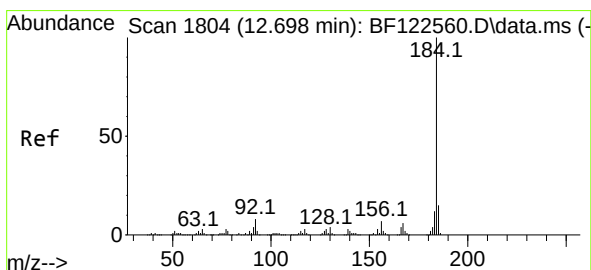
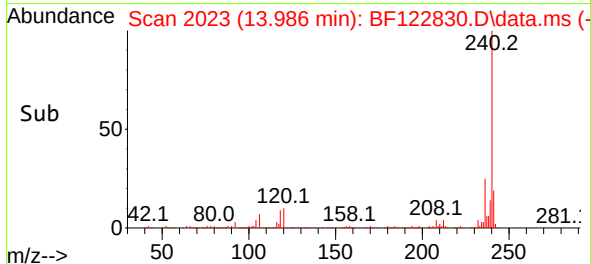
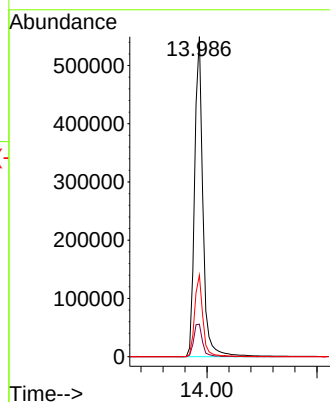
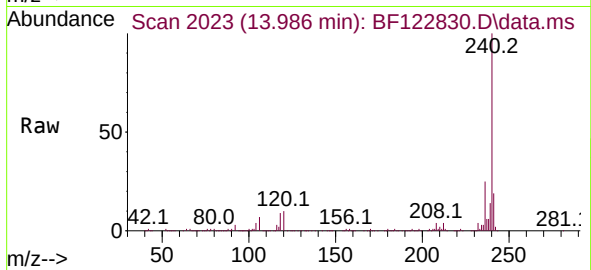




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

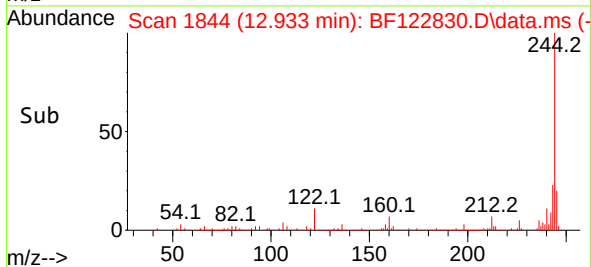
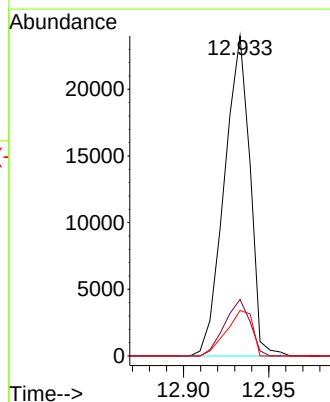
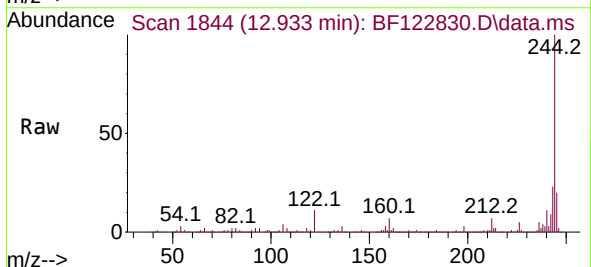
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-023-001-SO

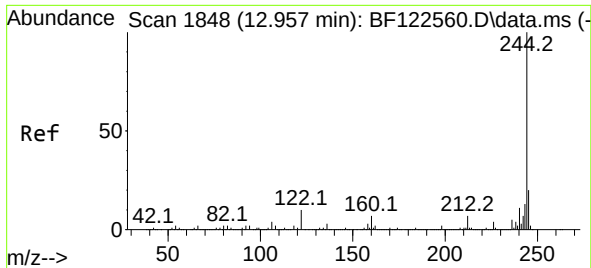
Tgt Ion:240 Resp: 574066
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.5 20.3 30.5



#77
Benzidine
Concen: 2.01 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122830.D
Acq: 23 Dec 2020 00:38

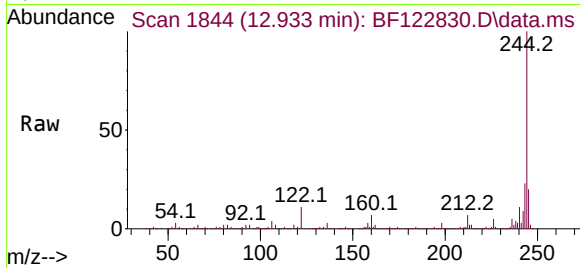
Tgt Ion:184 Resp: 24999
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6#
183 14.2 9.7 14.5





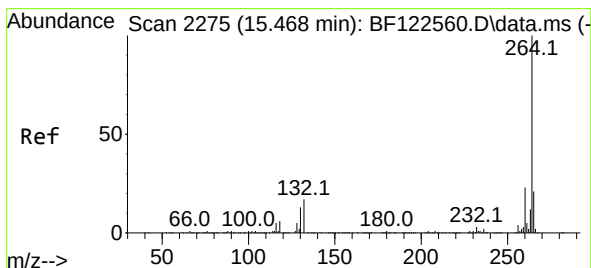
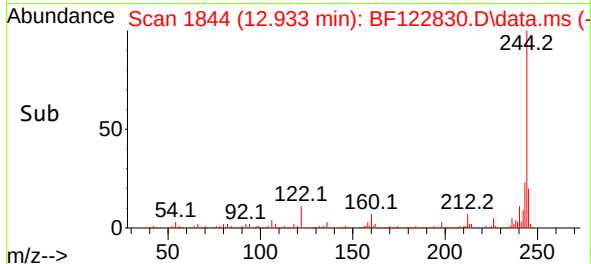
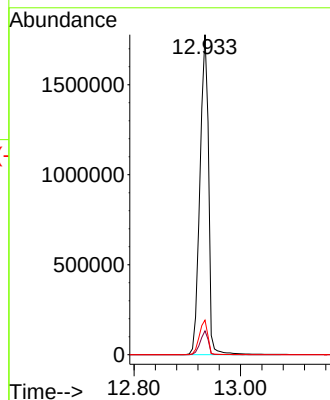
#79
 Terphenyl-d14
 Concen: 61.06 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122830.D
 Acq: 23 Dec 2020 00:38

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-023-001-SO



Tgt Ion:244 Resp: 2002465

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.8	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: BF122830.D
 Acq: 23 Dec 2020 00:38

Tgt Ion:264 Resp: 496634

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.0	17.0	25.6

