

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122831.D
 Acq On : 23 Dec 2020 1:09
 Operator : JU/CG
 Sample : L5176-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-024-001-SO

Quant Time: Dec 23 01:54:22 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)

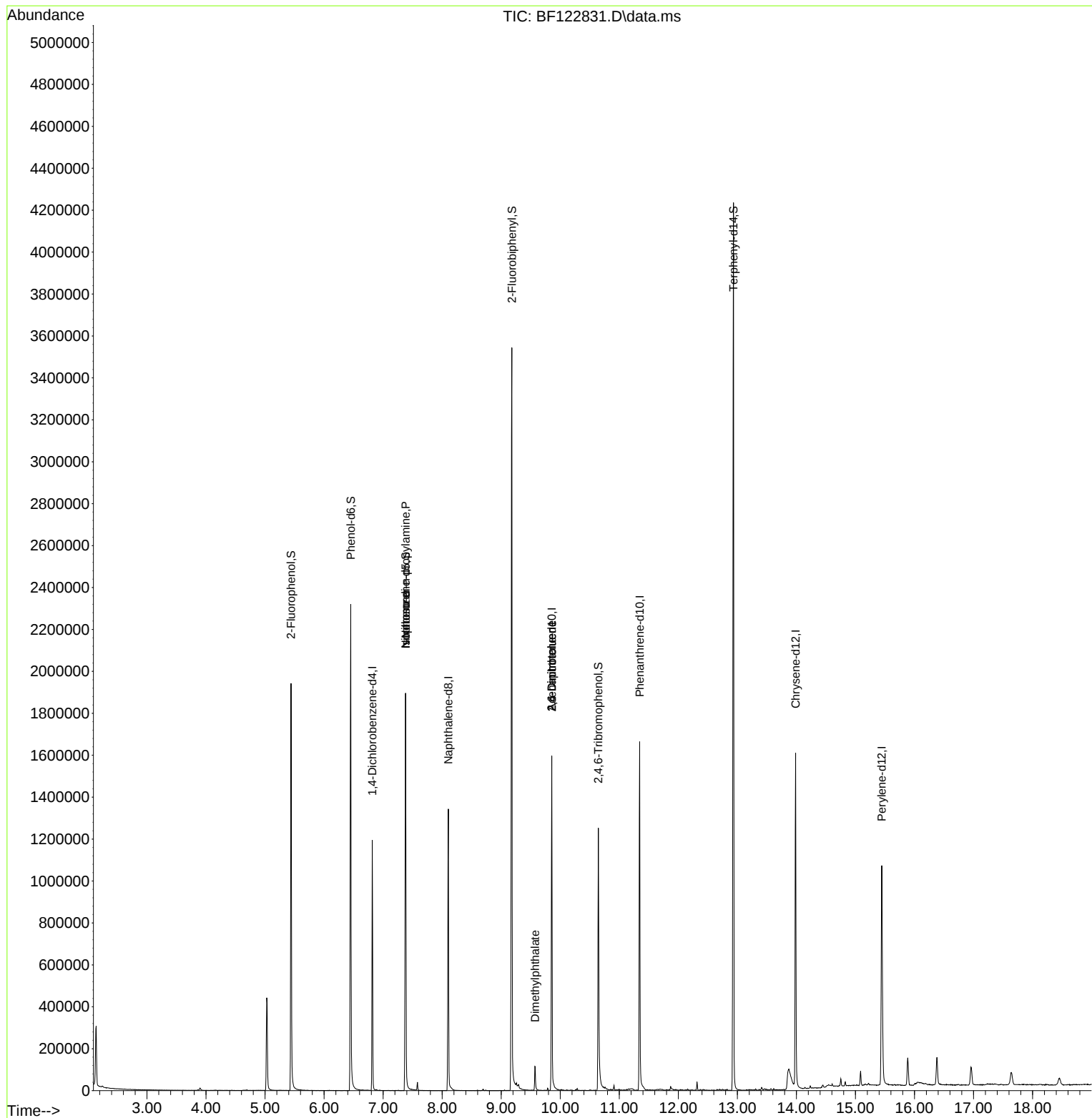
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	174418	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	663245	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	352811	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	674787	20.00	ng	0.00
76) Chrysene-d12	13.986	240	601438	20.00	ng	0.00
86) Perylene-d12	15.445	264	534149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	558952	50.73	ng	0.00
7) Phenol-d6	6.451	99	841180	57.57	ng	0.00
23) Nitrobenzene-d5	7.380	82	665265	50.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	206832	44.79	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1303324	49.97	ng	0.00
79) Terphenyl-d14	12.933	244	1494292	43.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	87328	10.43	ng	Qvalue # 78
25) Isophorone	7.380	82	665351	29.18	ng	# 65
50) Dimethylphthalate	9.574	163	65570	2.33	ng	99
51) 2,6-Dinitrotoluene	9.857	165	44574	7.49	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	44887	5.66	ng	# 25

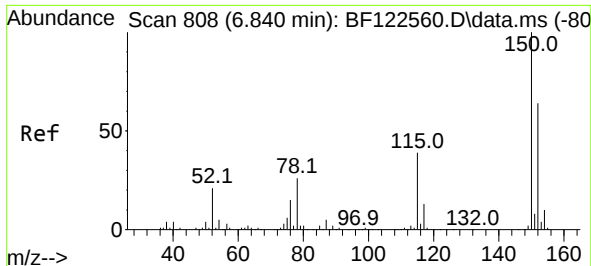
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LLEXSITUTV-024-001-SO

Quant Time: Dec 23 01:54:22 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

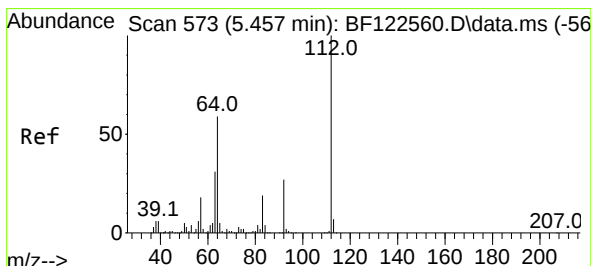
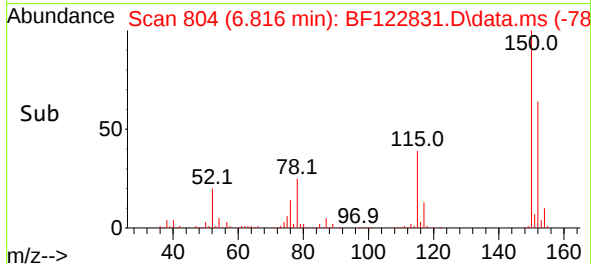
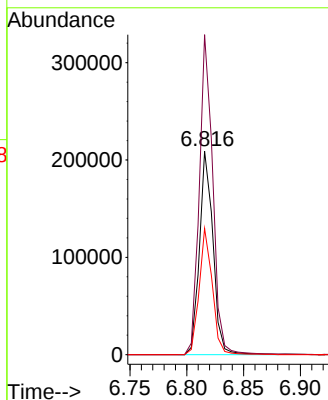
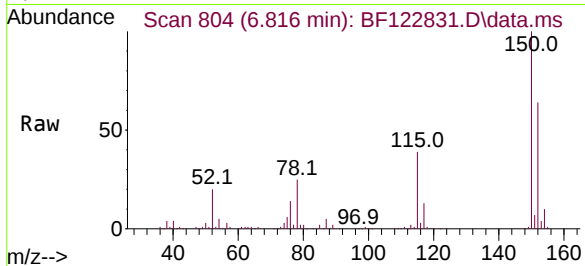




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

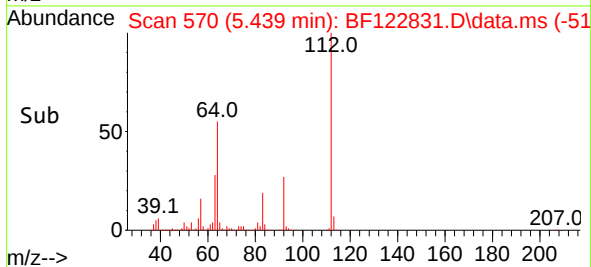
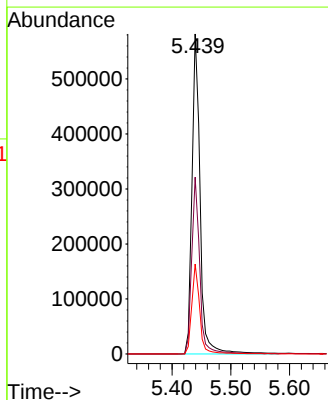
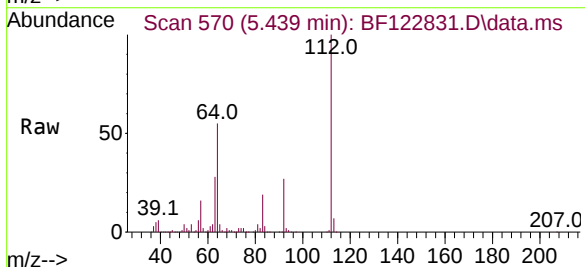
Instrument :
BNA_F
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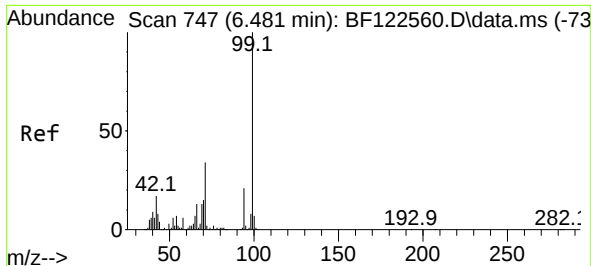
Tgt Ion:152 Resp: 174418
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 62.0 49.3 73.9



#5
2-Fluorophenol
Concen: 50.73 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

Tgt Ion:112 Resp: 558952
Ion Ratio Lower Upper
112 100
64 55.3 46.9 70.3
63 28.1 24.5 36.7

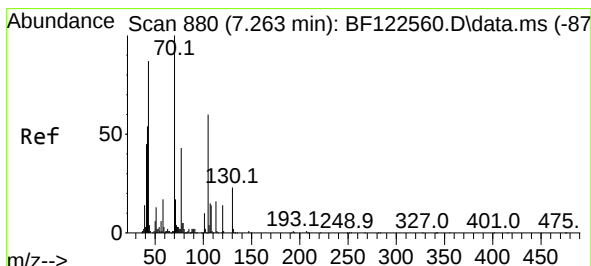
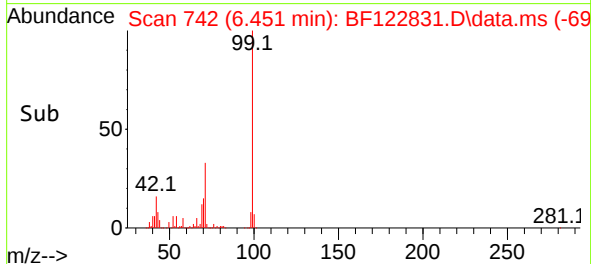
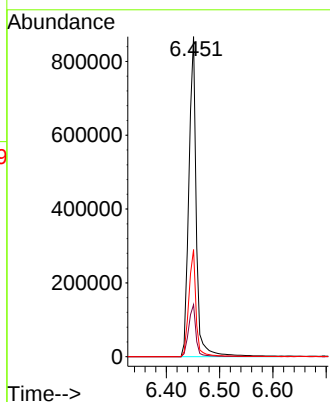
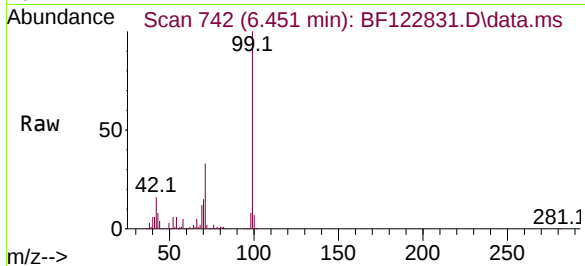




#7
Phenol-d6
Concen: 57.57 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

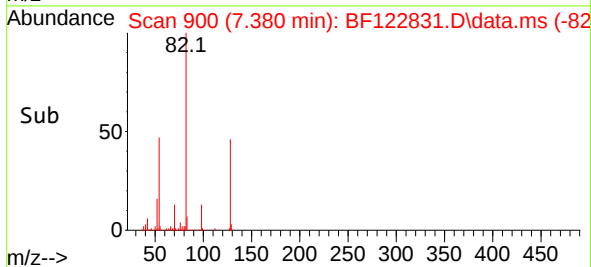
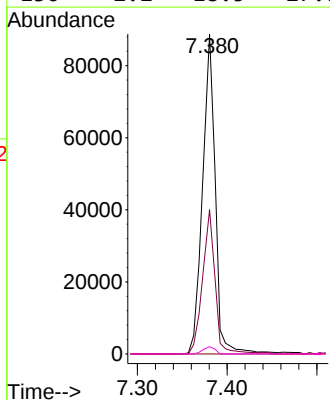
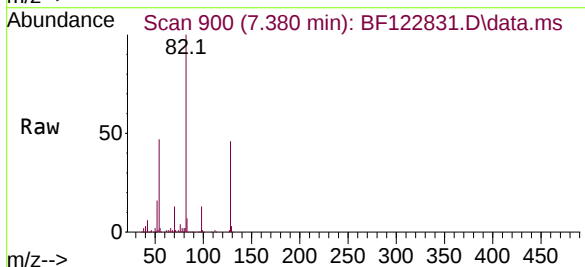
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-024-001-SO

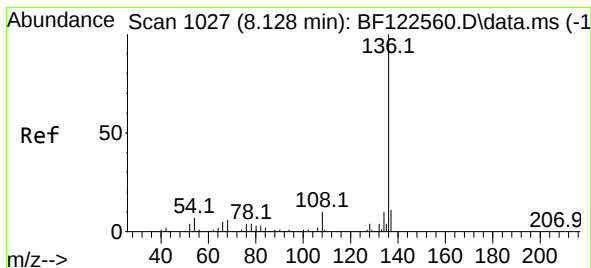
Tgt Ion: 99 Resp: 841180
Ion Ratio Lower Upper
99 100
42 16.3 13.8 20.6
71 33.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.43 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

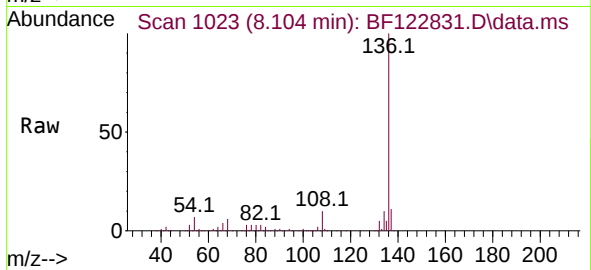
Tgt Ion: 70 Resp: 87328
Ion Ratio Lower Upper
70 100
42 45.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



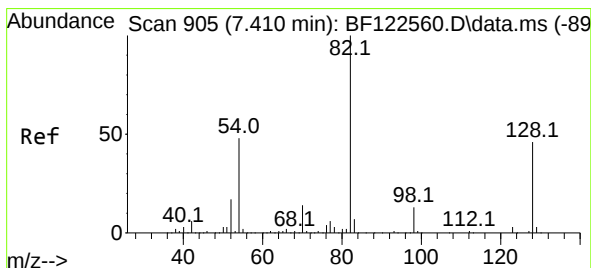
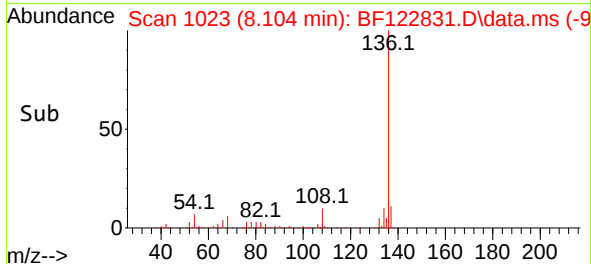
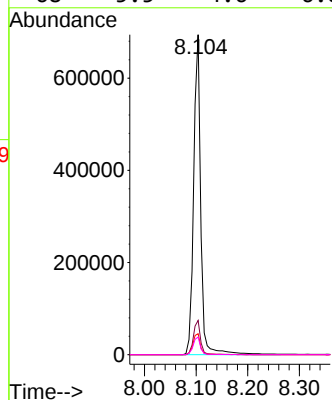


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-024-001-SO

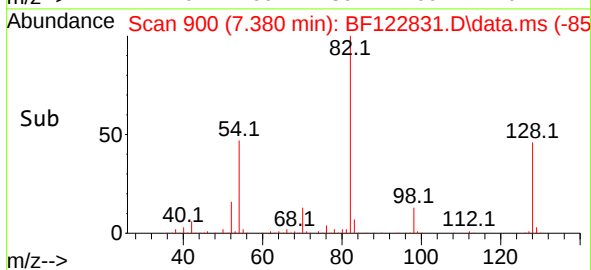
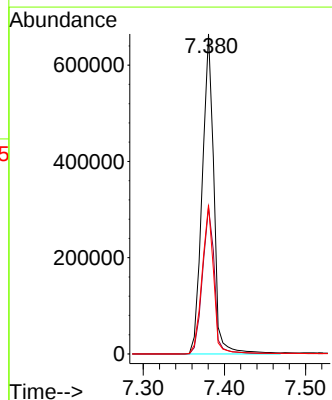
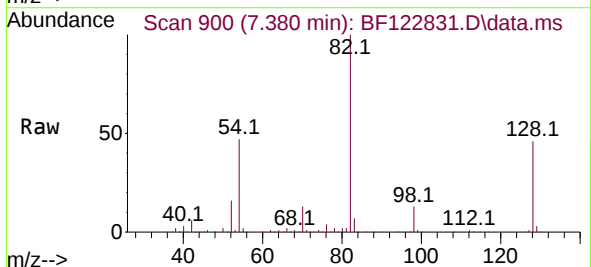


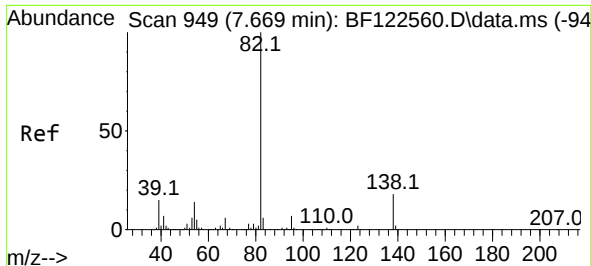
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.5	8.3
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 50.25 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	46.6	38.4	57.6

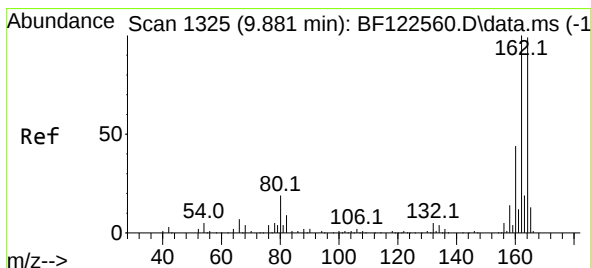
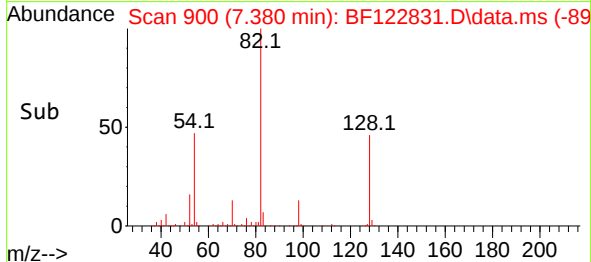
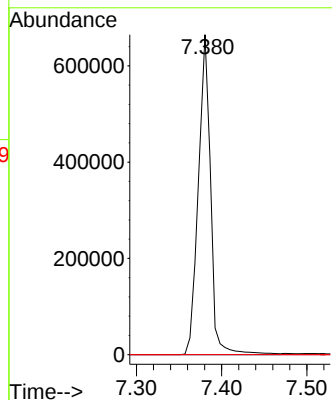
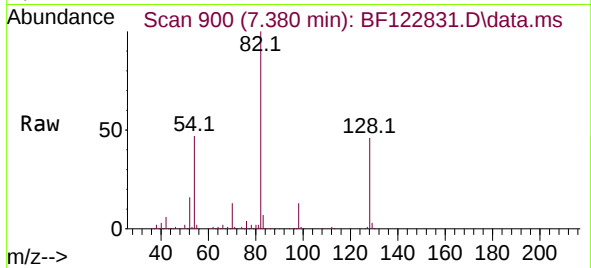




#25
Isophorone
Concen: 29.18 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

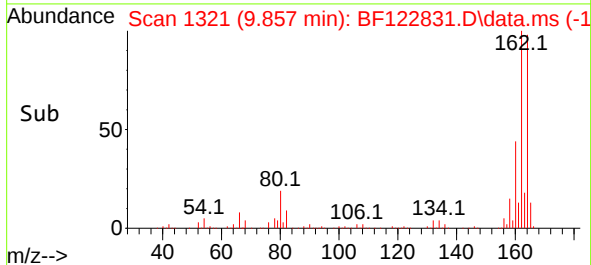
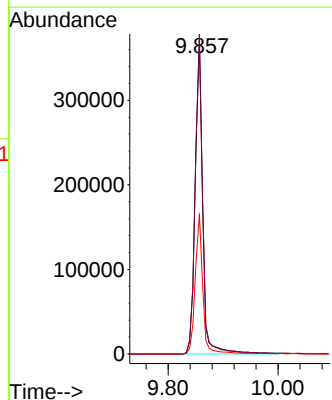
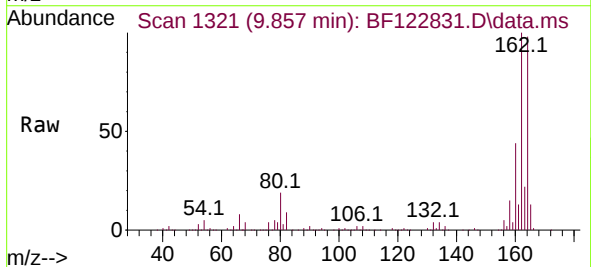
Instrument :
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ClientSampleId :
LLEXSITUTV-024-001-SO

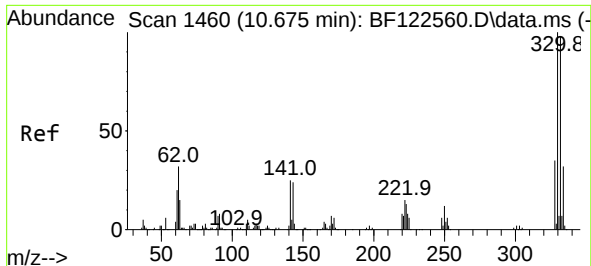
Tgt Ion: 82 Resp: 665351
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

Tgt Ion:164 Resp: 352811
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 44.7 35.4 53.0

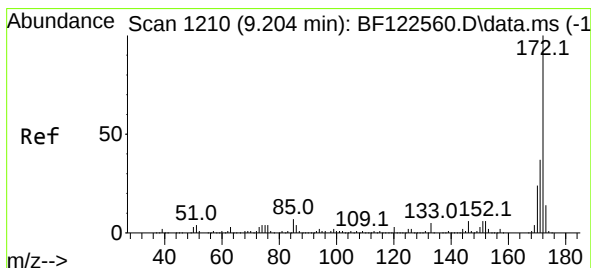
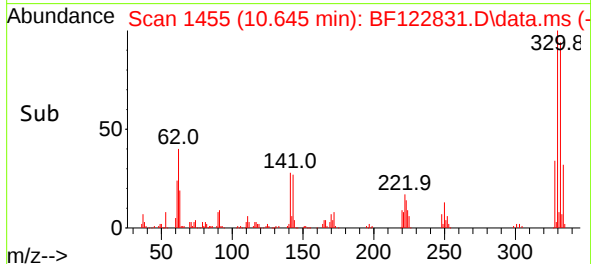
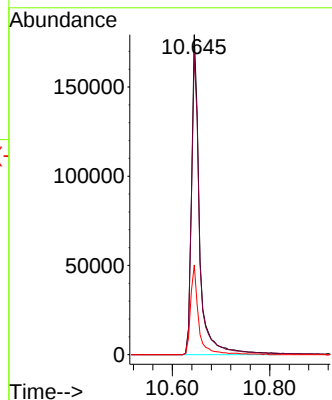
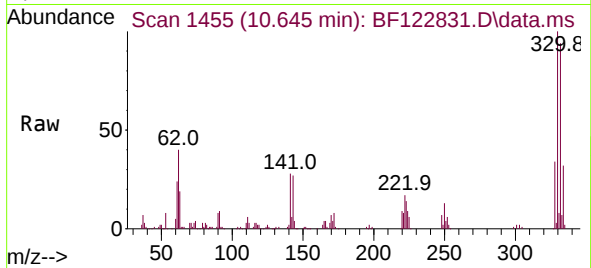




#42
2,4,6-Tribromophenol
Concen: 44.79 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

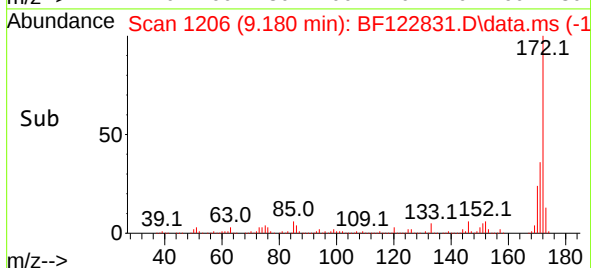
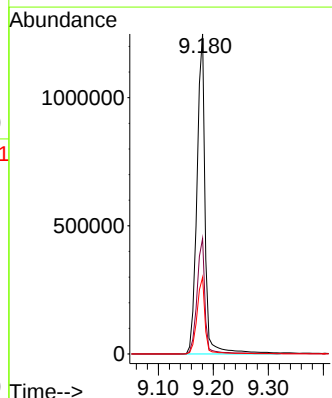
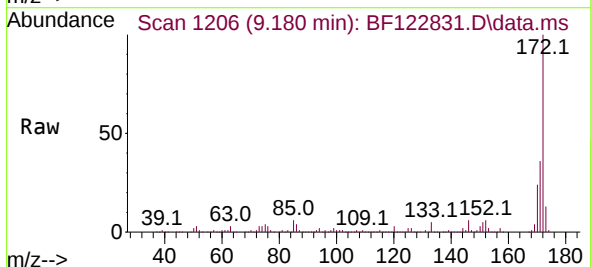
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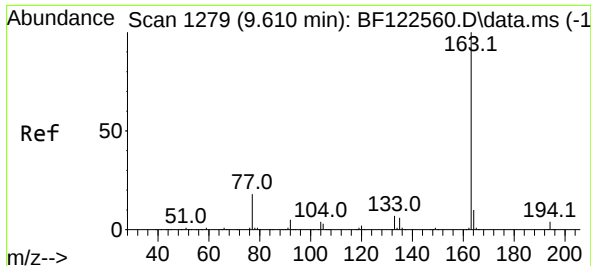
Tgt Ion: 330 Resp: 206832
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 28.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 49.97 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

Tgt Ion: 172 Resp: 1303324
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 19.5 29.3

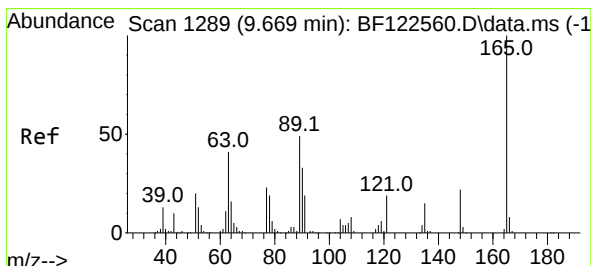
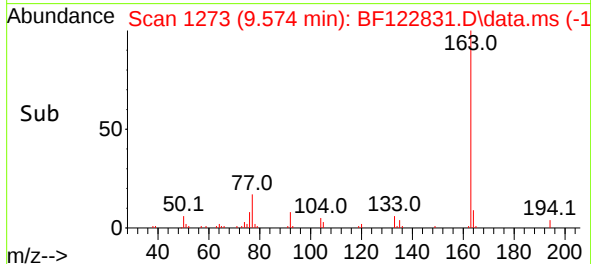
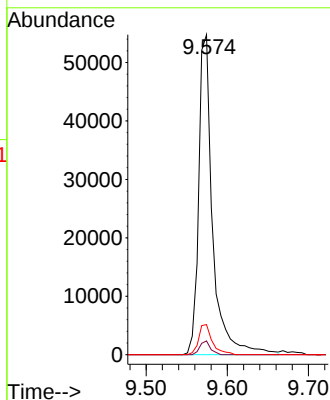
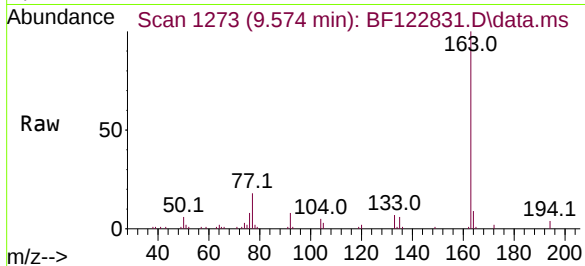




#50
Dimethylphthalate
Concen: 2.33 ng
RT: 9.574 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

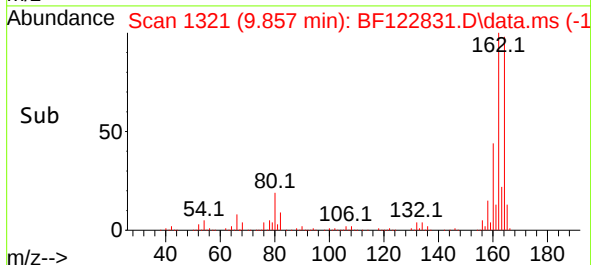
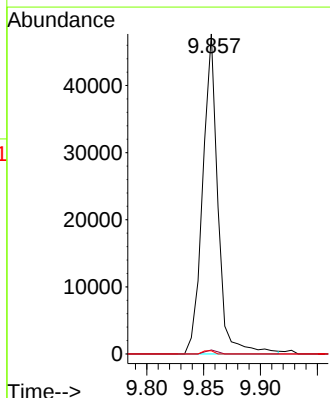
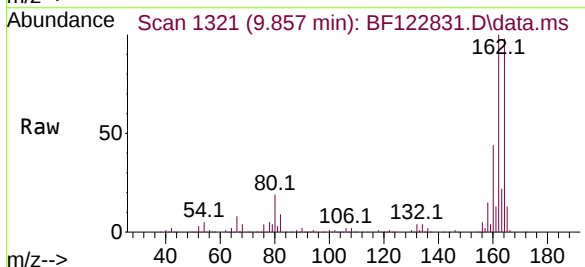
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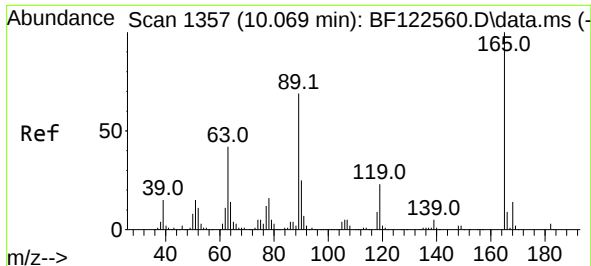
Tgt Ion:163 Resp: 65570
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

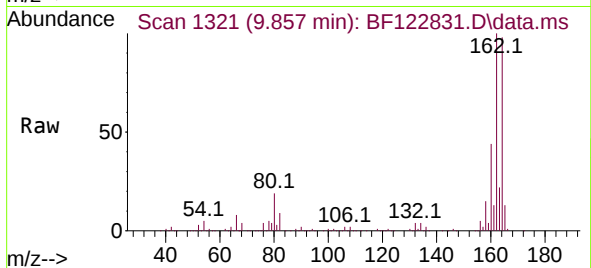
Tgt Ion:165 Resp: 44574
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.0 39.4 59.0#



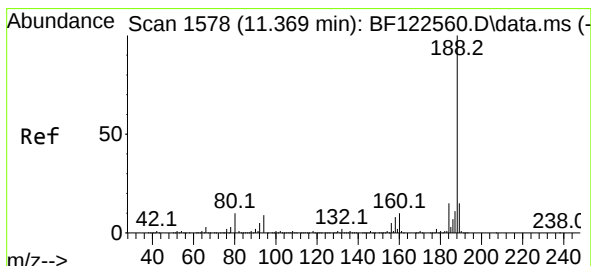
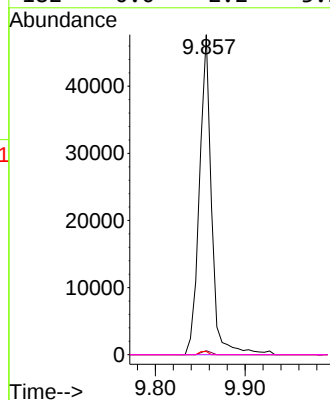
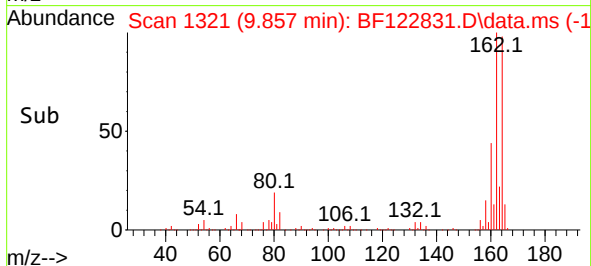


#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09

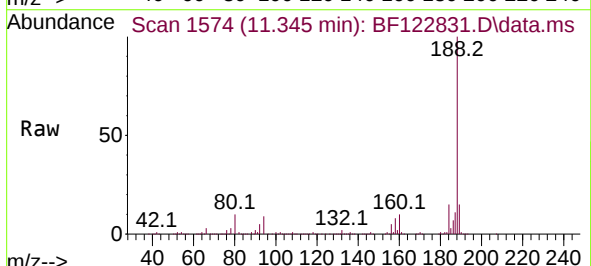
Instrument :
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LLEXSITUTV-024-001-SO



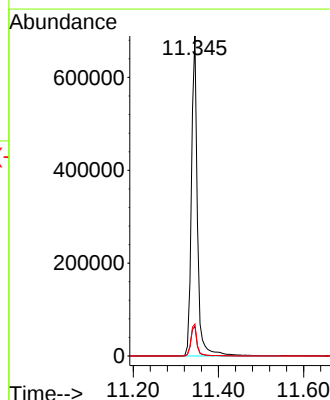
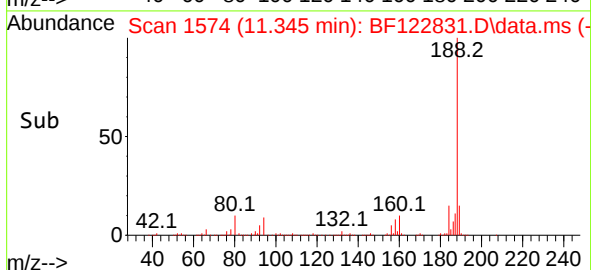
Tgt Ion:165 Resp: 44887
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

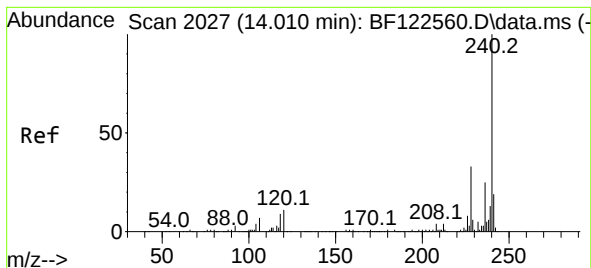


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122831.D
Acq: 23 Dec 2020 1:09



Tgt Ion:188 Resp: 674787
Ion Ratio Lower Upper
188 100
94 9.2 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: BF122831.D

Acq: 23 Dec 2020 1:09

Tgt Ion:240 Resp: 601438

Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

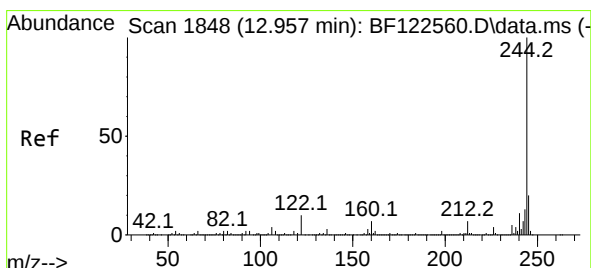
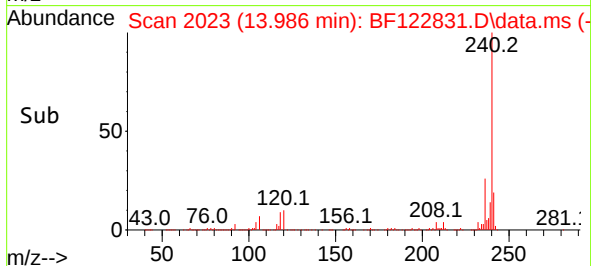
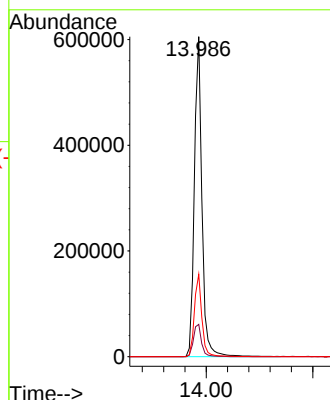
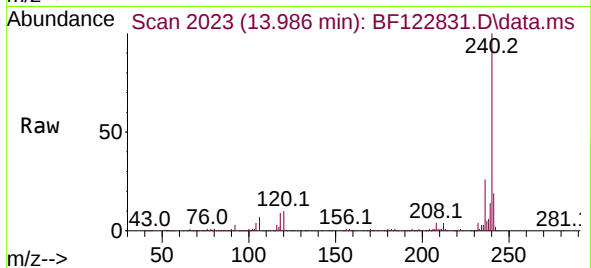
236 25.7 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

LLEXSITUTV-024-001-SO



#79

Terphenyl-d14

Concen: 43.49 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122831.D

Acq: 23 Dec 2020 1:09

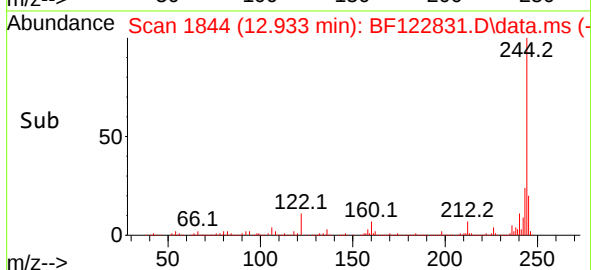
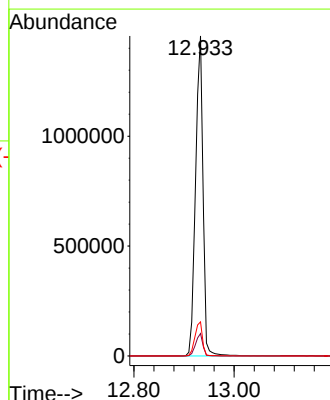
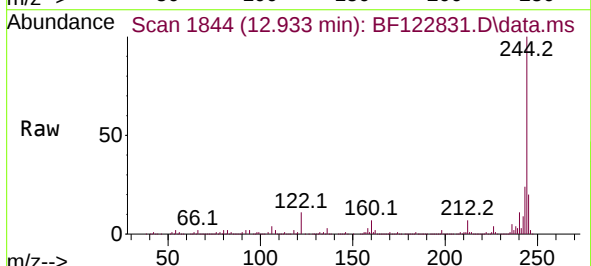
Tgt Ion:244 Resp: 1494292

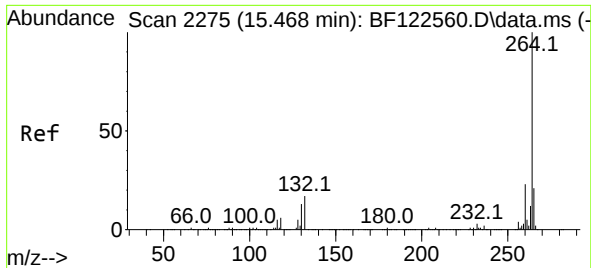
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

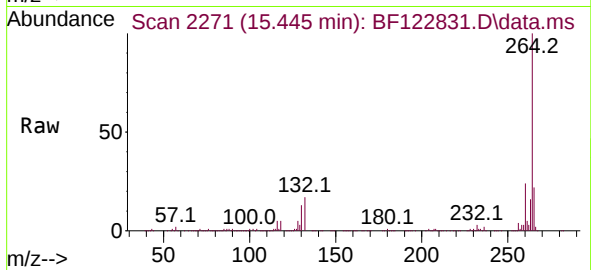
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122831.D
 Acq: 23 Dec 2020 1:09

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-024-001-SO



Tgt Ion:264 Resp: 534149

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.7	17.0	25.6

