

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122822.D
 Acq On : 22 Dec 2020 20:28
 Operator : JU/CG
 Sample : L5176-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-021-001-SO

Quant Time: Dec 22 23:39:21 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)

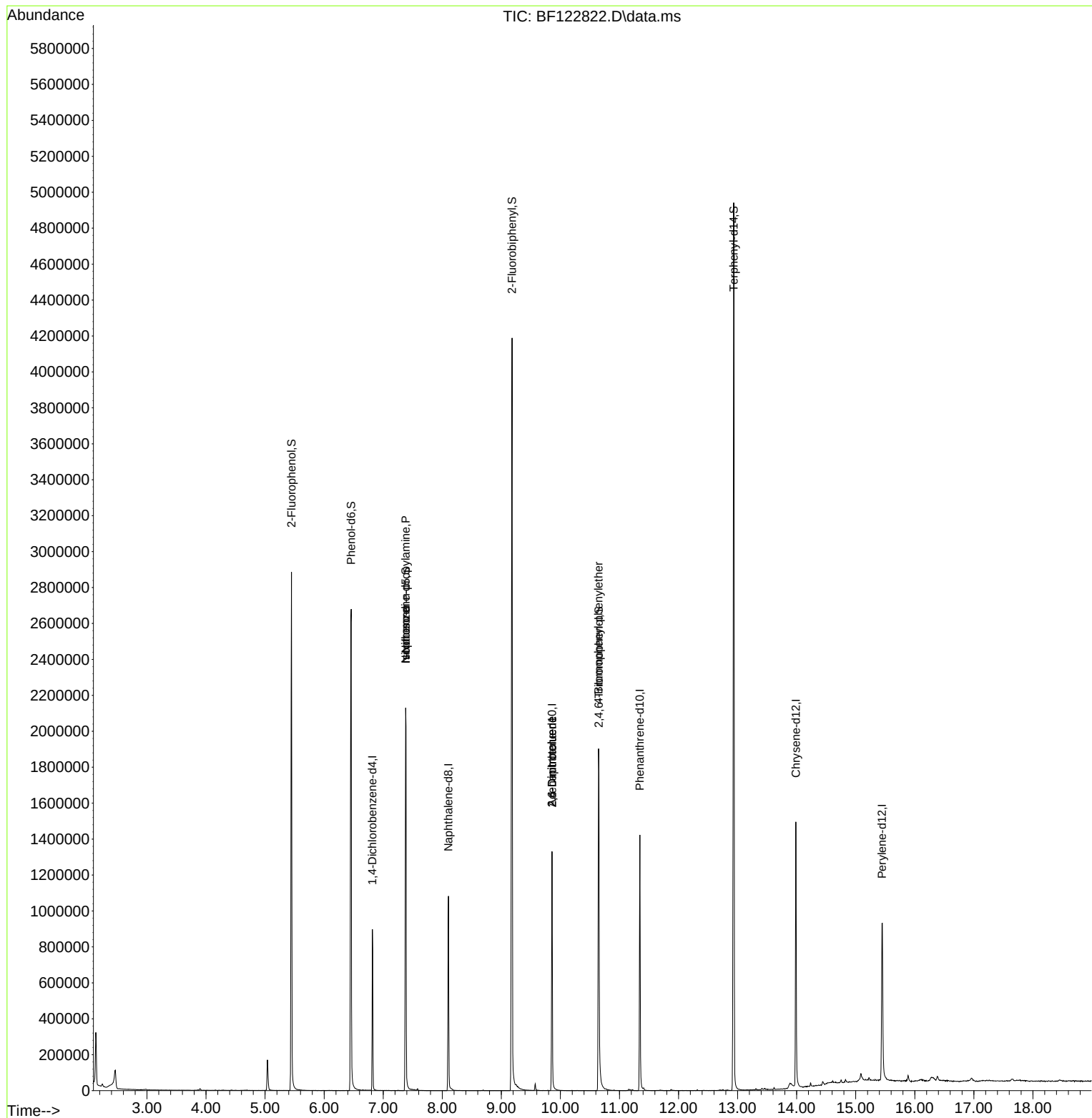
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	141686	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	552084	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	296949	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	571446	20.00	ng	0.00
76) Chrysene-d12	13.986	240	554490	20.00	ng	0.00
86) Perylene-d12	15.445	264	504865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	854523	95.48	ng	0.01
7) Phenol-d6	6.457	99	1142089	96.22	ng	0.00
23) Nitrobenzene-d5	7.381	82	840709	76.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	337809	86.91	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1599486	72.86	ng	0.00
79) Terphenyl-d14	12.933	244	1902743	60.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	109526	16.11	ng	# 78
25) Isophorone	7.381	82	840702	44.30	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	37520	7.49	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	37521	5.62	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	19966	2.58	ng	# 1

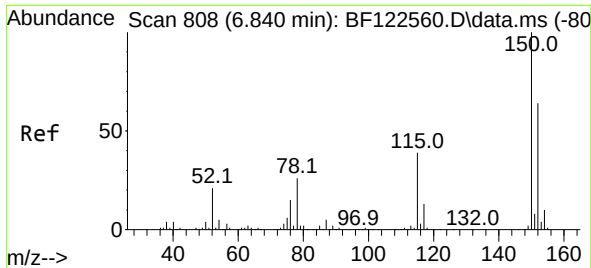
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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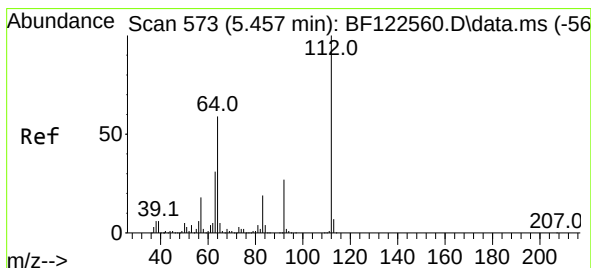
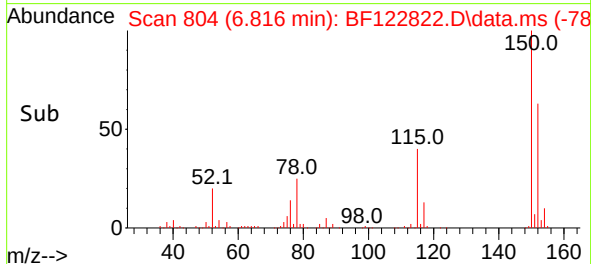
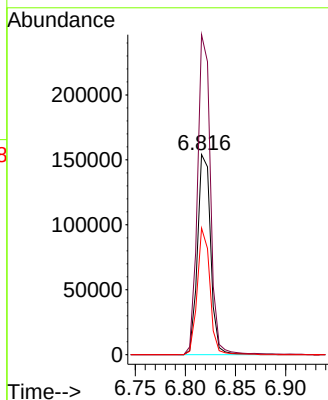
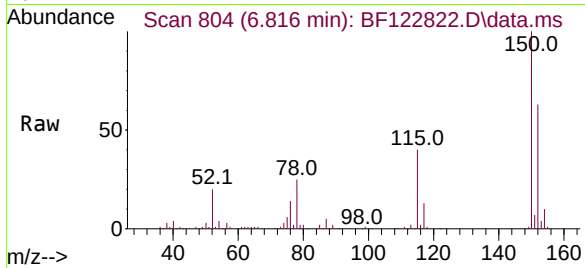




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

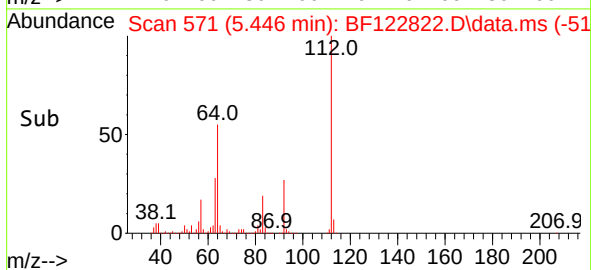
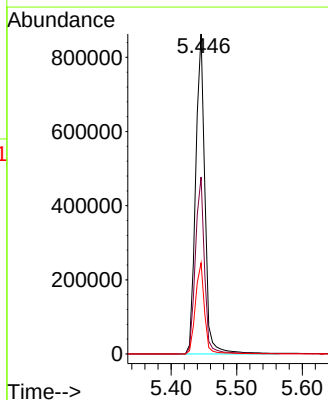
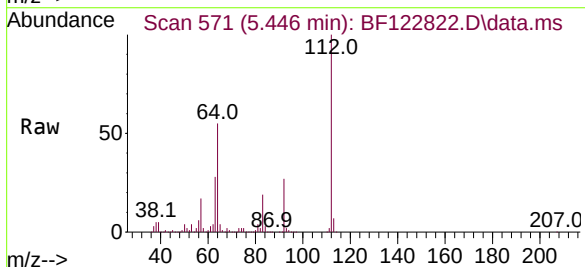
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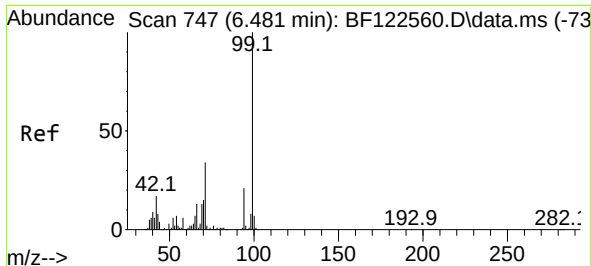
Tgt Ion:152 Resp: 141686
Ion Ratio Lower Upper
152 100
150 159.8 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 95.48 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion:112 Resp: 854523
Ion Ratio Lower Upper
112 100
64 55.3 46.9 70.3
63 28.5 24.5 36.7



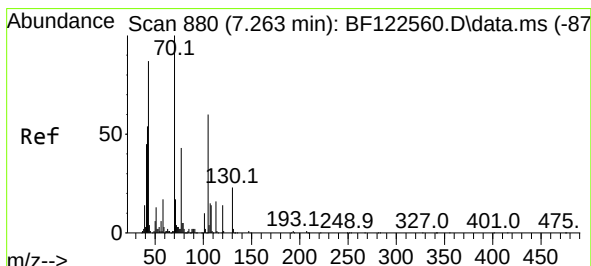
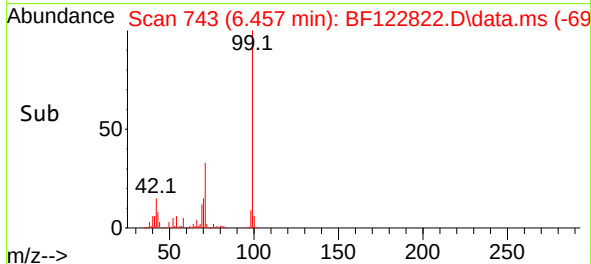
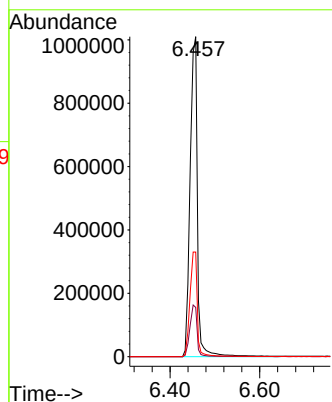
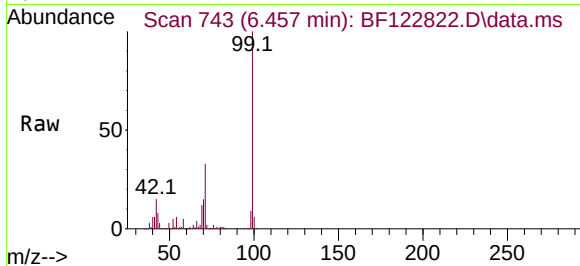


#7
Phenol-d6
Concen: 96.22 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-021-001-SO

Tgt Ion: 99 Resp: 1142089

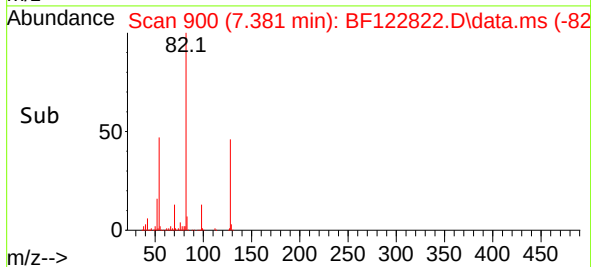
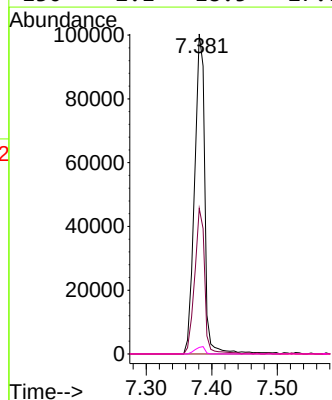
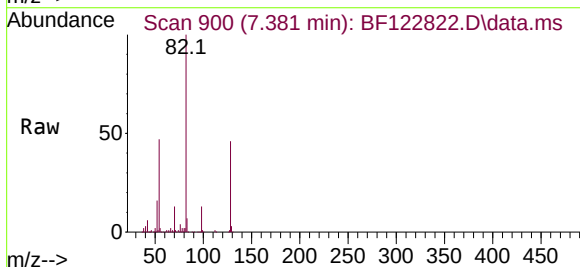
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.8	20.6
71	32.7	26.9	40.3

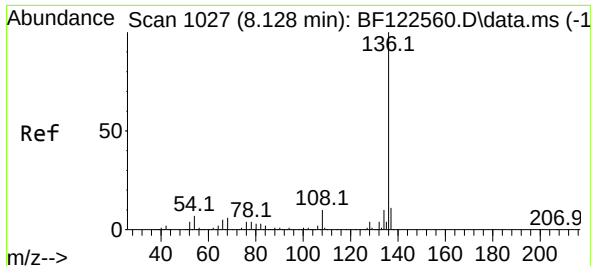


#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion: 70 Resp: 109526

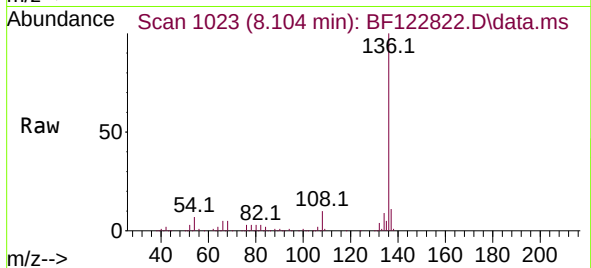
Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



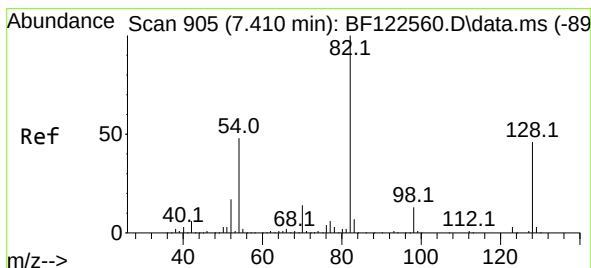
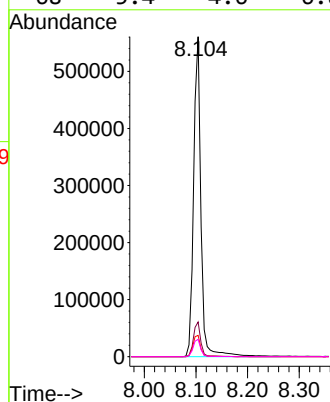
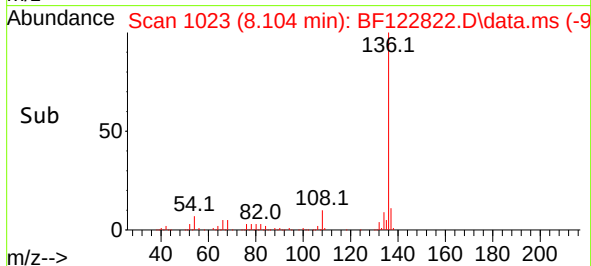


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

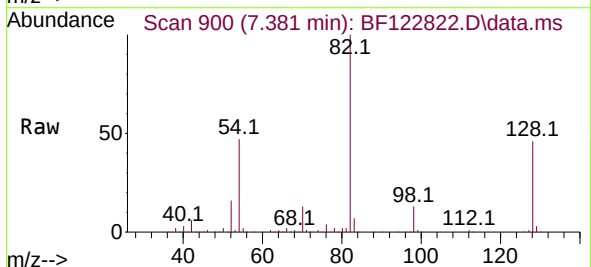
Instrument :
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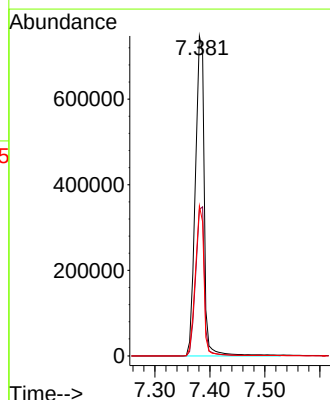
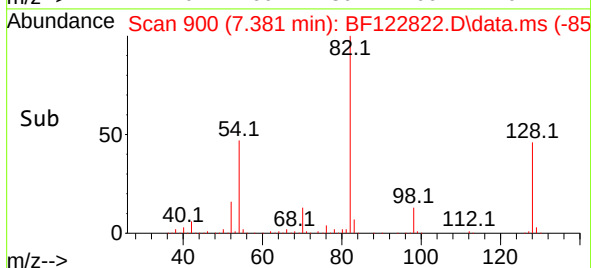
Tgt	Ion:136	Resp:	552084
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.5	8.3
68	5.4	4.6	6.8

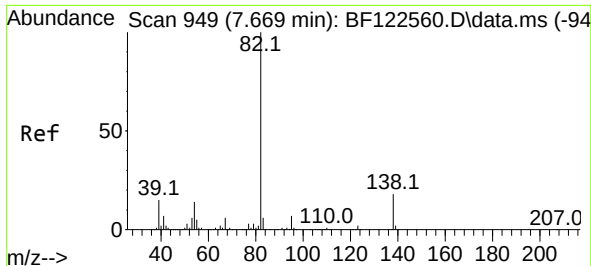


#23
Nitrobenzene-d5
Concen: 76.29 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28



Tgt Ion: 82	Resp: 840709
Ion Ratio	Lower Upper
82 100	
128 45.7	37.0 55.4
54 46.9	38.4 57.6

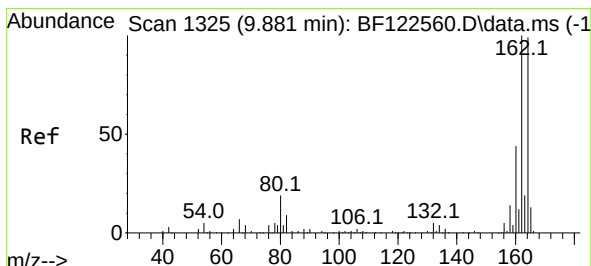
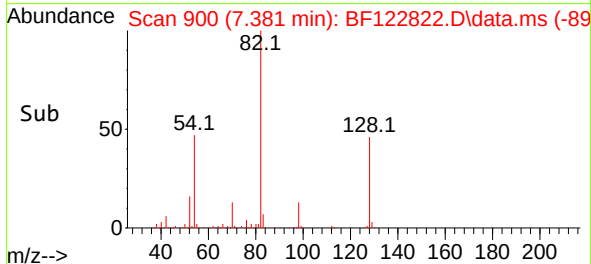
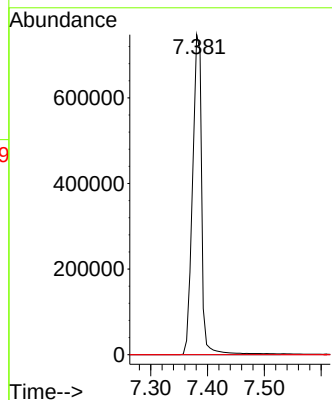
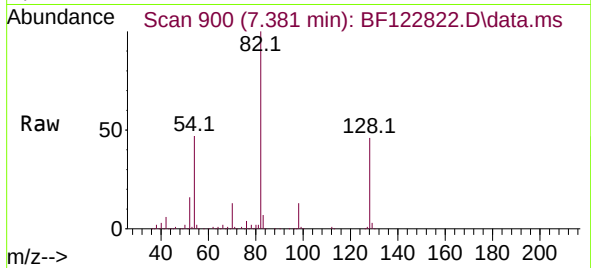




#25
Isophorone
Concen: 44.30 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

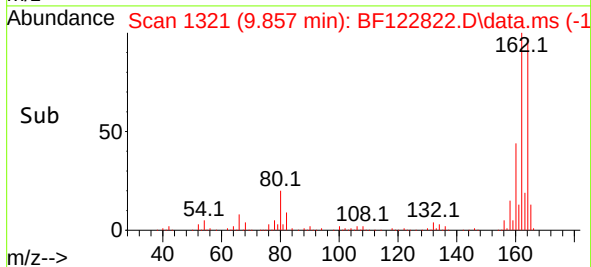
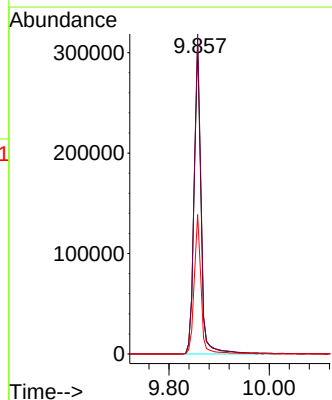
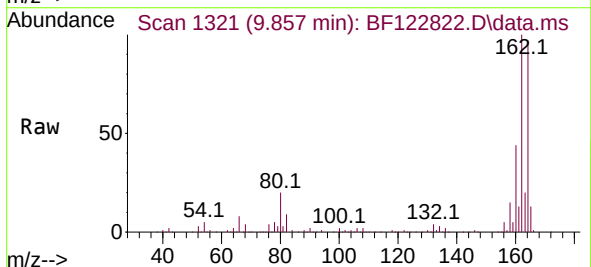
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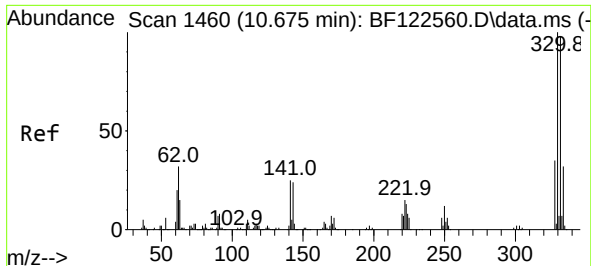
Tgt Ion: 82 Resp: 840702
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion: 164 Resp: 296949
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.9 35.4 53.0

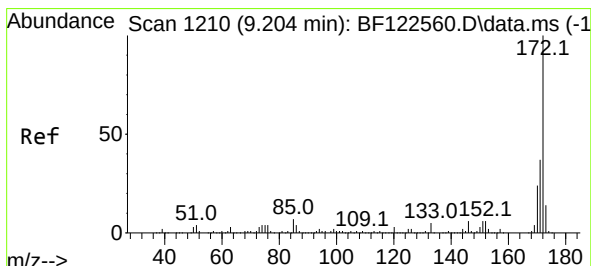
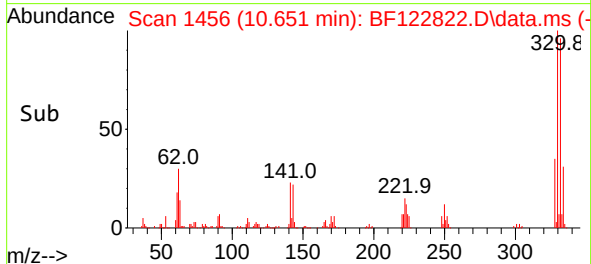
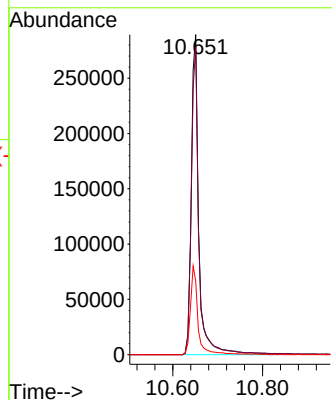
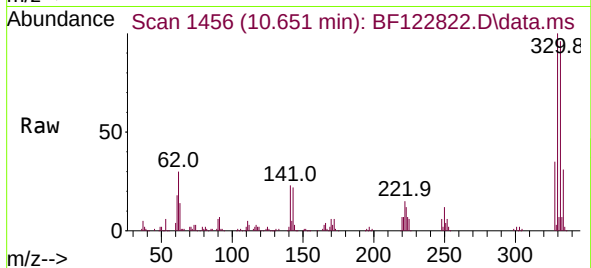




#42
2,4,6-Tribromophenol
Concen: 86.91 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

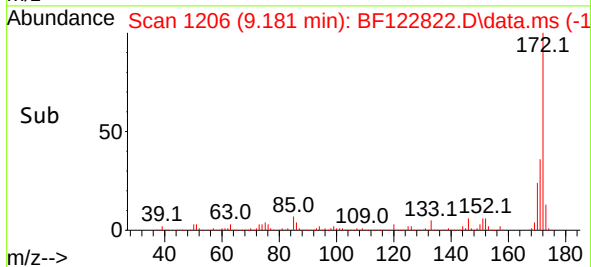
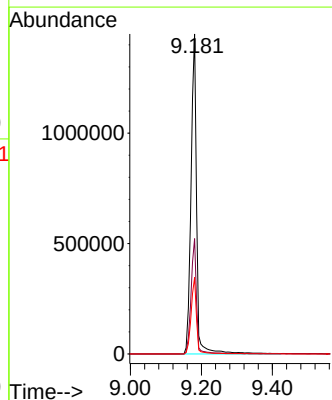
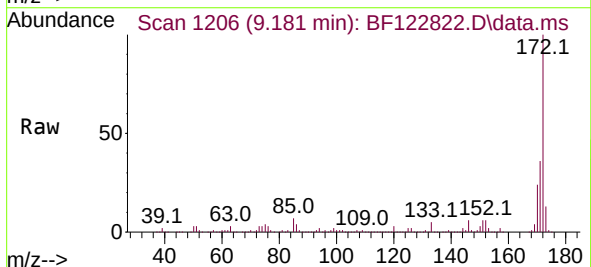
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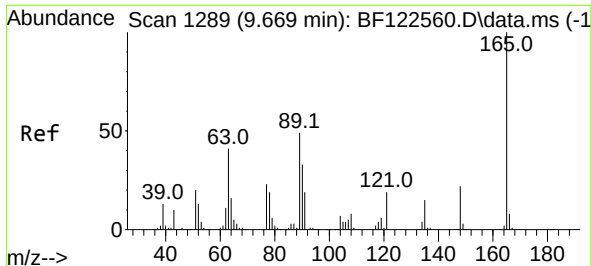
Tgt Ion: 330 Resp: 337809
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 27.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.86 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion: 172 Resp: 1599486
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.9 19.5 29.3

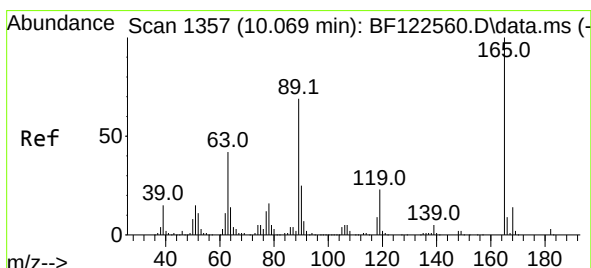
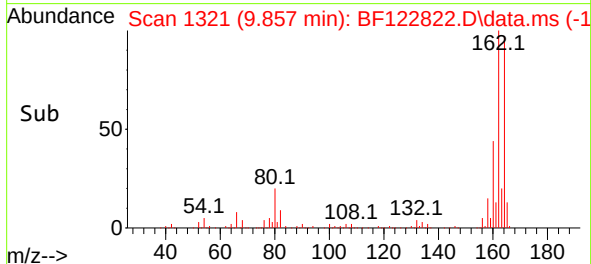
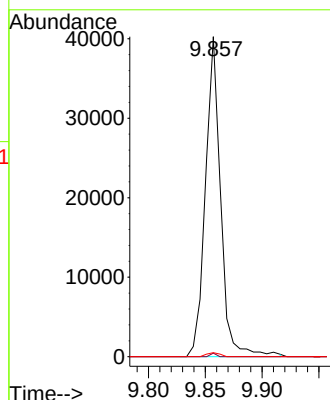
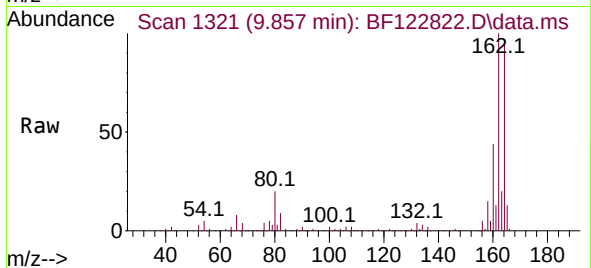




#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

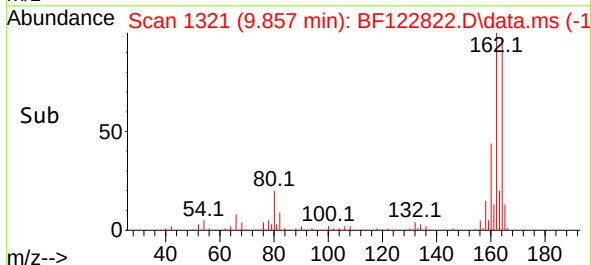
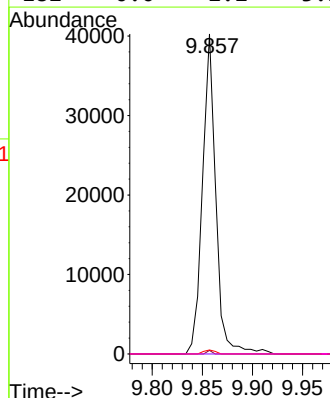
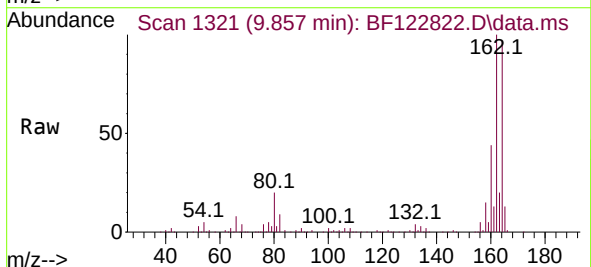
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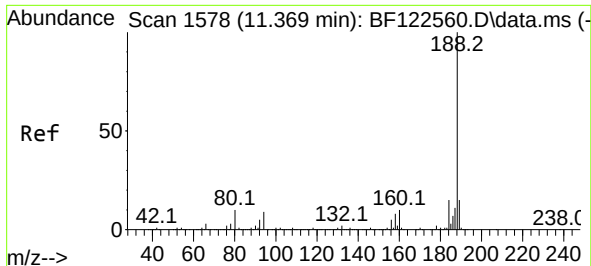
Tgt Ion:165 Resp: 37520
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion:165 Resp: 37521
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

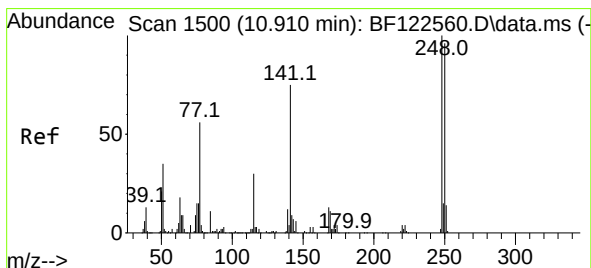
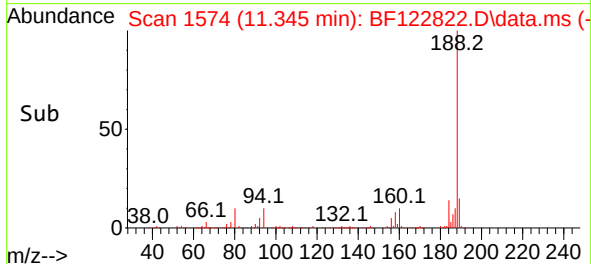
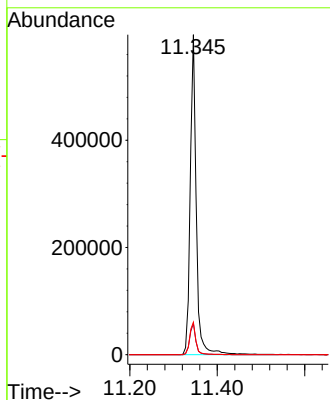
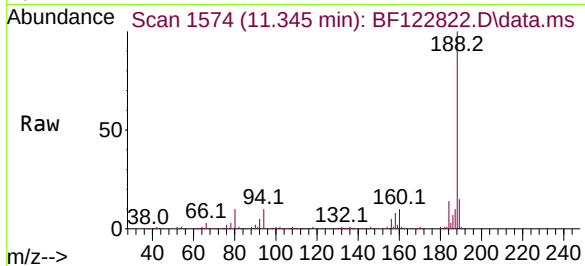




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

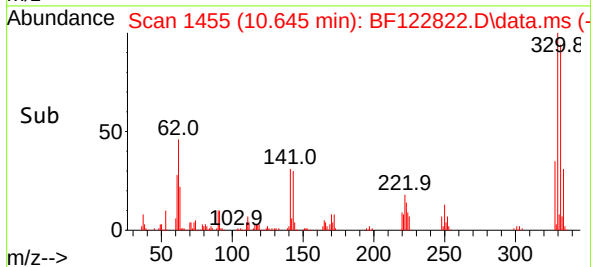
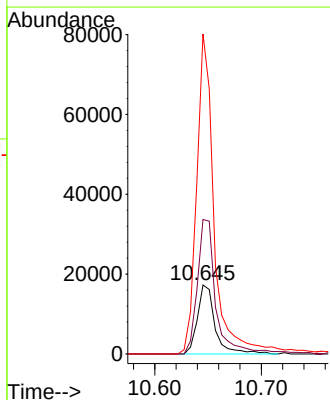
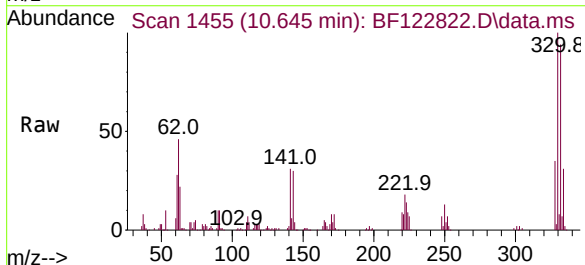
Instrument :
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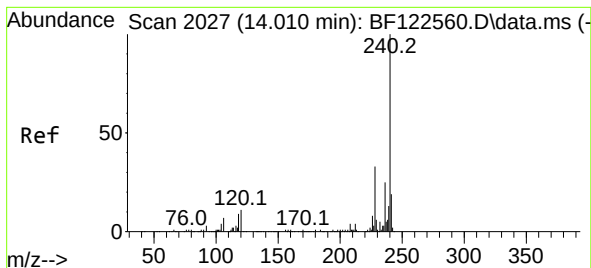
Tgt Ion:188 Resp: 571446
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122822.D
Acq: 22 Dec 2020 20:28

Tgt Ion:248 Resp: 19966
Ion Ratio Lower Upper
248 100
250 195.1 76.8 115.2#
141 464.4 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: BF122822.D

Acq: 22 Dec 2020 20:28

Tgt Ion:240 Resp: 554490

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

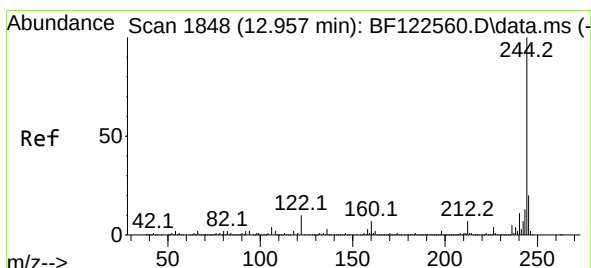
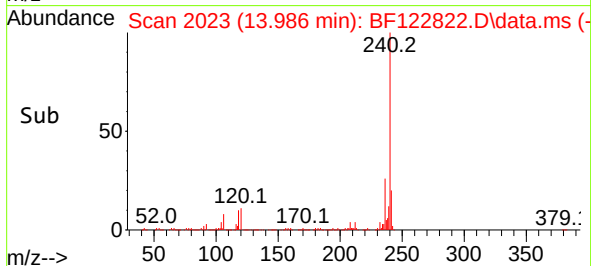
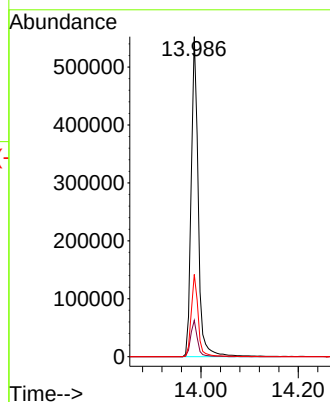
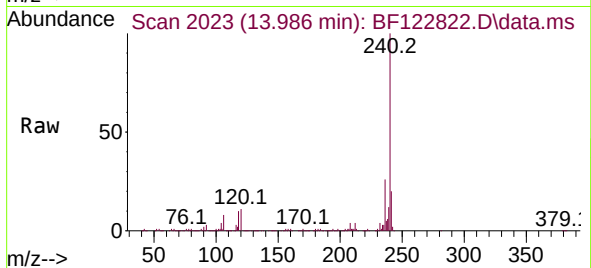
236 25.7 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

LLEXSITUTV-021-001-SO



#79

Terphenyl-d14

Concen: 60.07 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF122822.D

Acq: 22 Dec 2020 20:28

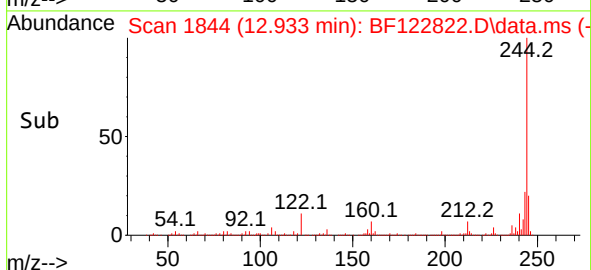
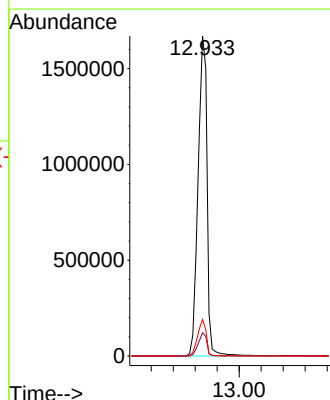
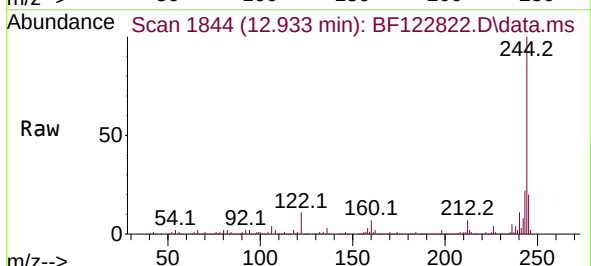
Tgt Ion:244 Resp: 1902743

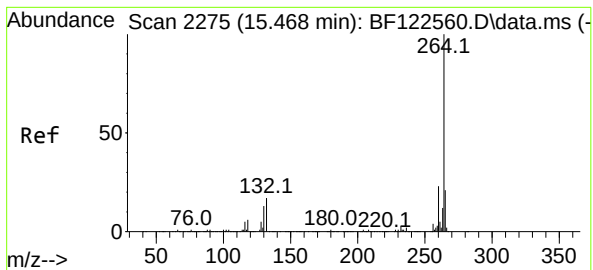
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

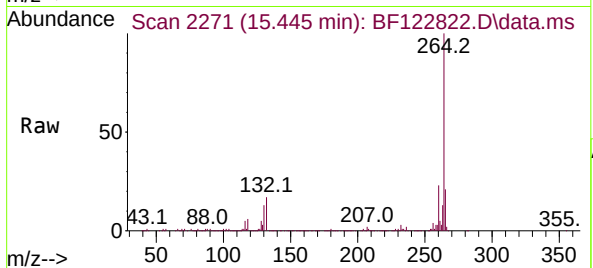
122 11.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122822.D
 Acq: 22 Dec 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-021-001-SO



Tgt Ion: 264 Resp: 504865

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.2	17.0	25.6

