

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122940.D
 Acq On : 8 Jan 2021 14:55
 Operator : JU/CG
 Sample : M1038-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TC-2A

Quant Time: Jan 08 15:19:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 01:05:04 2021
 Response via : Initial Calibration

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

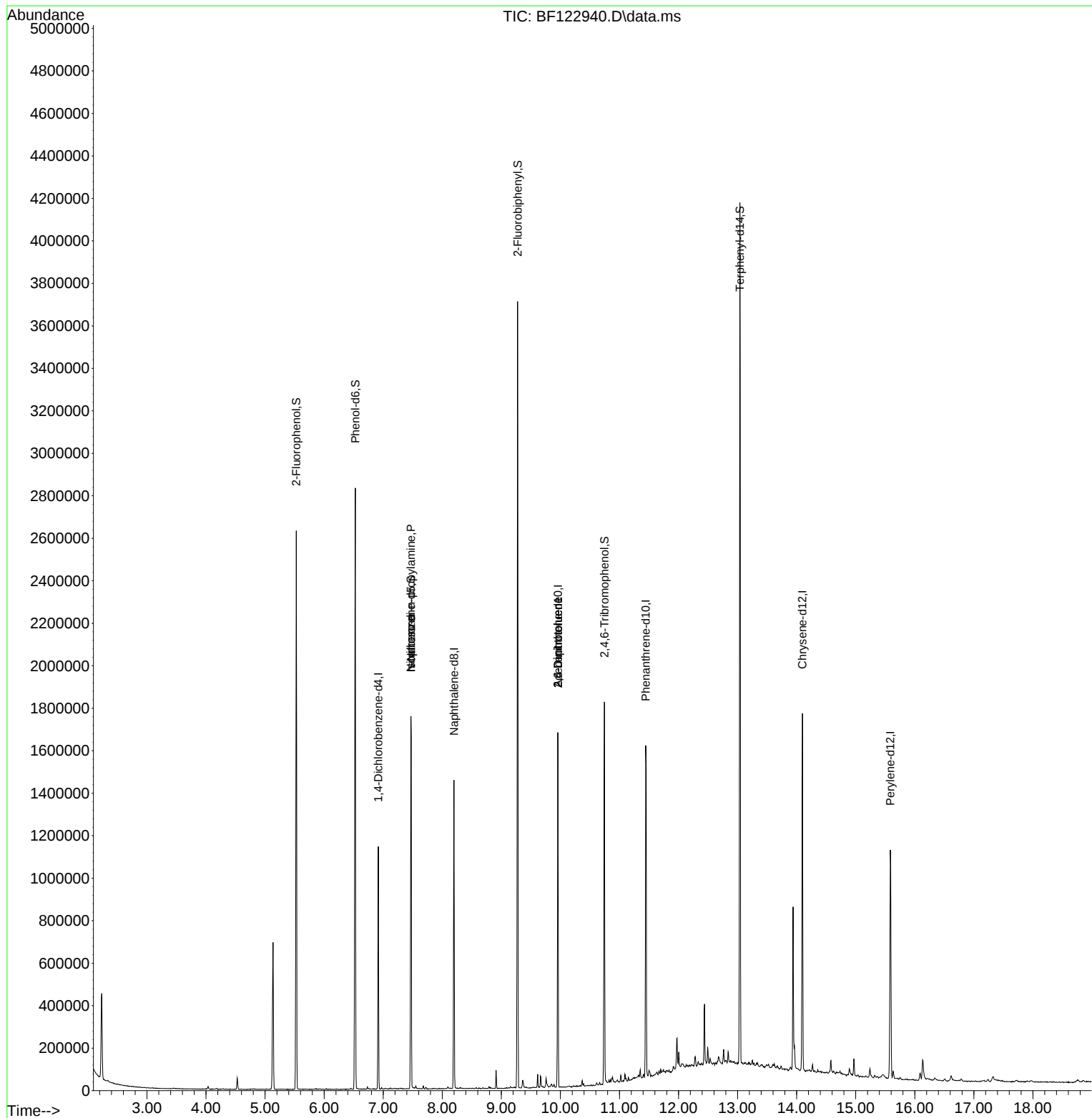
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	152917	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	578453	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	312557	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	595364	20.00	ng	0.00
76) Chrysene-d12	14.098	240	534879	20.00	ng	0.00
86) Perylene-d12	15.586	264	494480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	697376	68.46	ng	0.00
7) Phenol-d6	6.528	99	944060	68.30	ng	-0.01
23) Nitrobenzene-d5	7.469	82	589484	50.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	201207	56.99	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	1118498	55.65	ng	0.00
79) Terphenyl-d14	13.039	244	1262869	43.74	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	1908	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.469	70	78108	9.26	ng	# 83
25) Isophorone	7.469	82	589191	28.08	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	40290	8.10	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	40290	6.34	ng	# 25

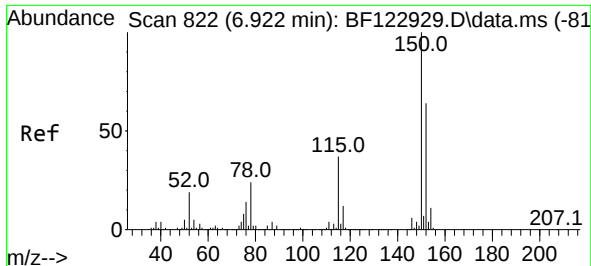
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TC-2A

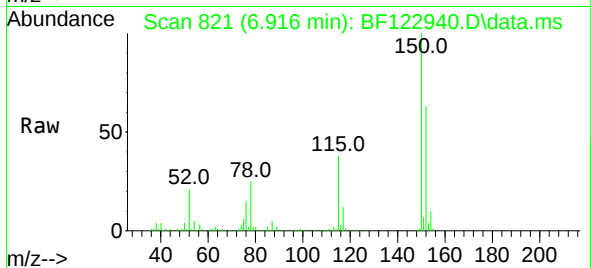
Quant Time: Jan 08 15:19:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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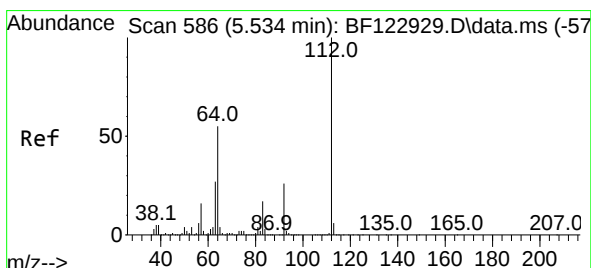
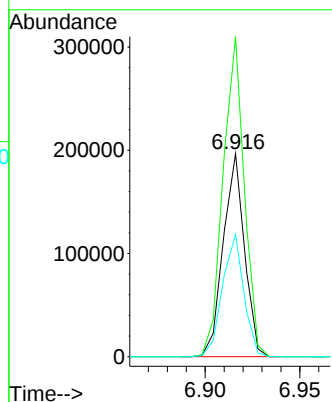
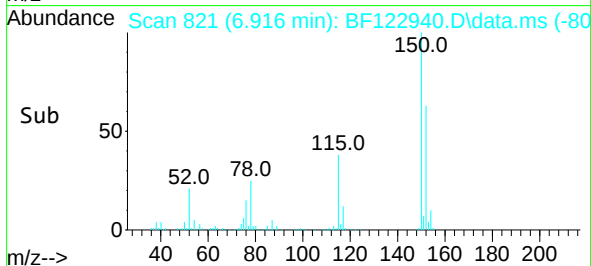


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

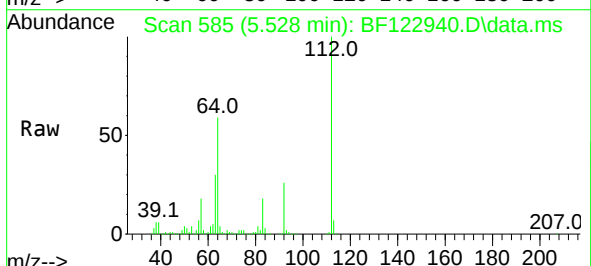
Instrument :
BNA_F
ClientSampleId :
TC-2A



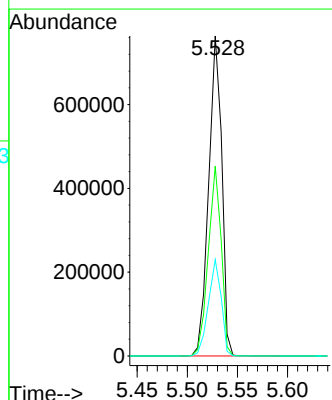
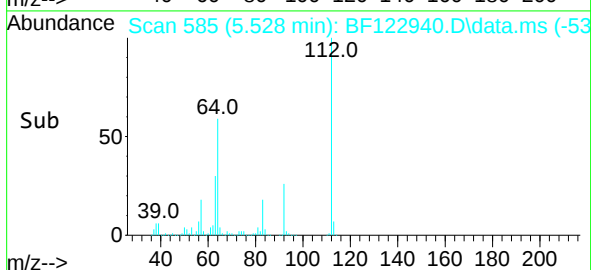
Tgt Ion:152 Resp: 152917
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 60.2 49.3 73.9

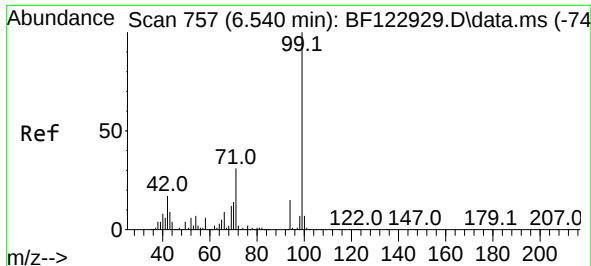


#5
2-Fluorophenol
Concen: 68.46 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55



Tgt Ion:112 Resp: 697376
Ion Ratio Lower Upper
112 100
64 59.3 46.9 70.3
63 30.1 24.5 36.7

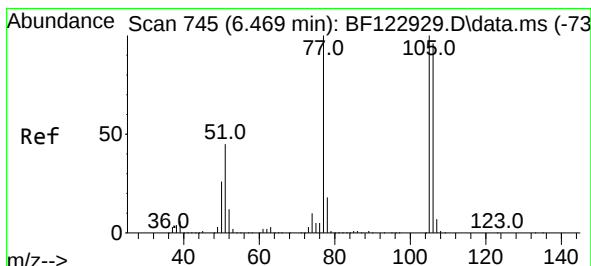
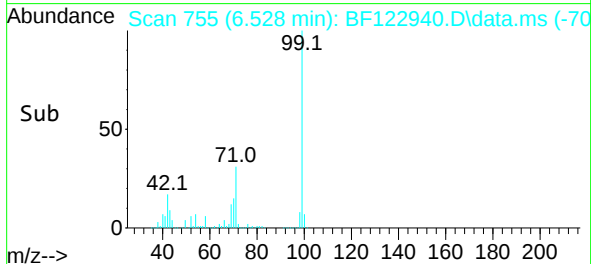
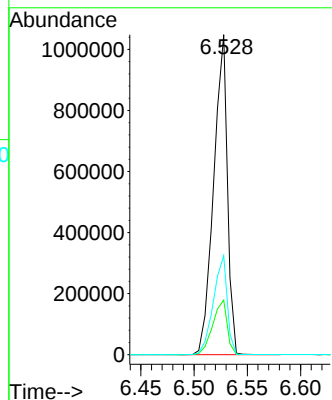
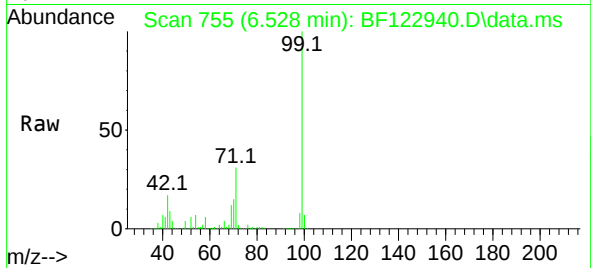




#7
Phenol-d6
Concen: 68.30 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

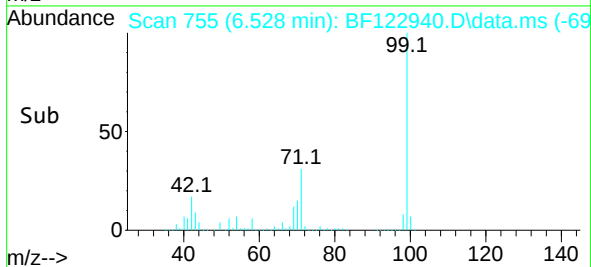
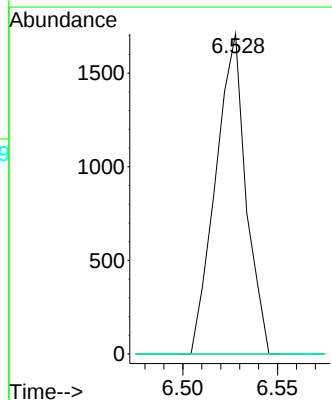
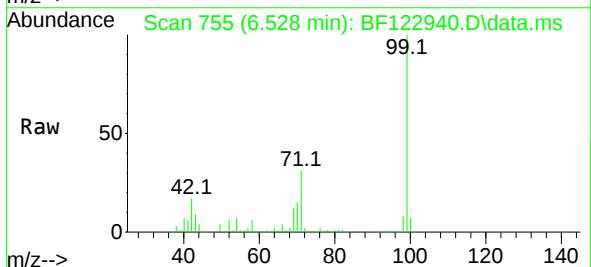
Instrument :
BNA_F
ClientSampleId :
TC-2A

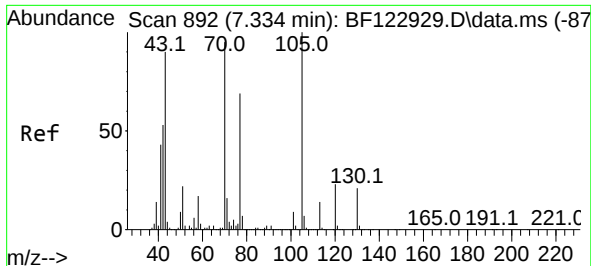
Tgt Ion: 99 Resp: 944060
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 30.9 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.528 min Scan# 755
Delta R.T. 0.059 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion: 77 Resp: 1908
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#



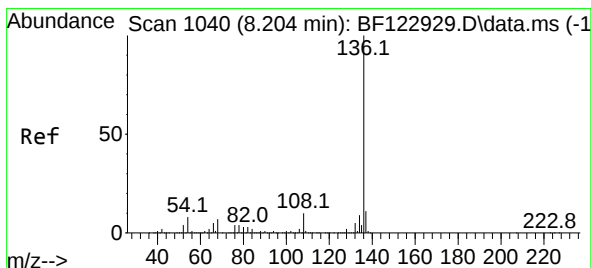
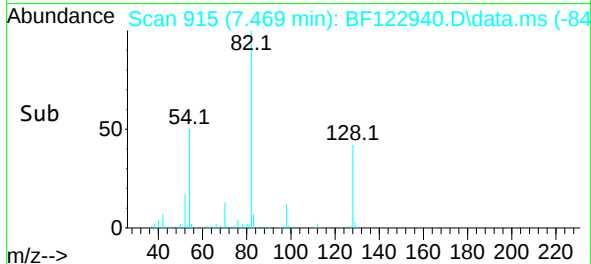
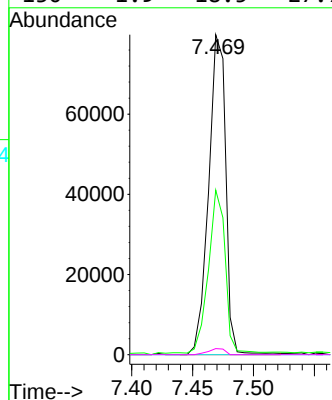
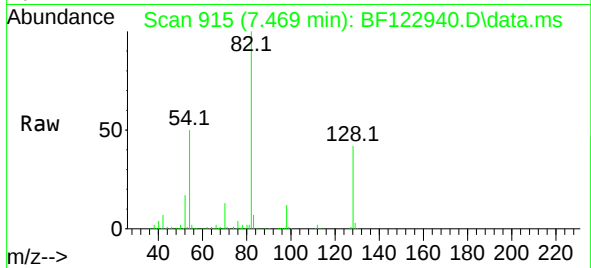


#19
n-Nitroso-di-n-propylamine
Concen: 9.26 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.135 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Instrument :
BNA_F
ClientSampleId :
TC-2A

Tgt Ion: 70 Resp: 78108

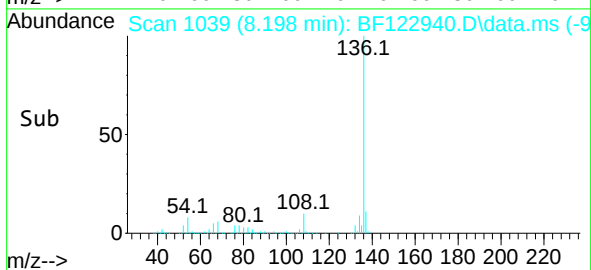
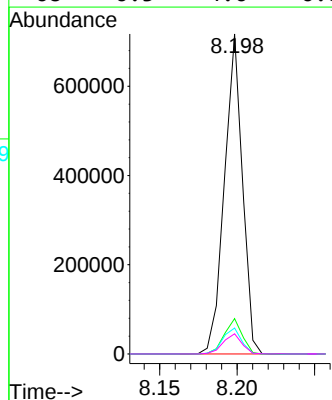
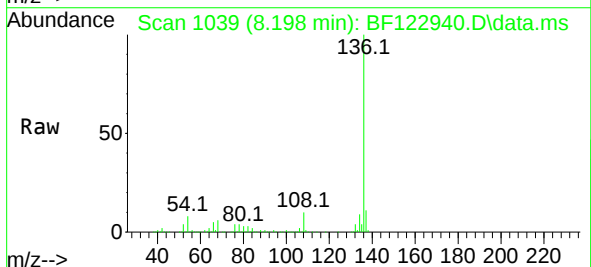
Ion	Ratio	Lower	Upper
70	100		
42	51.4	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

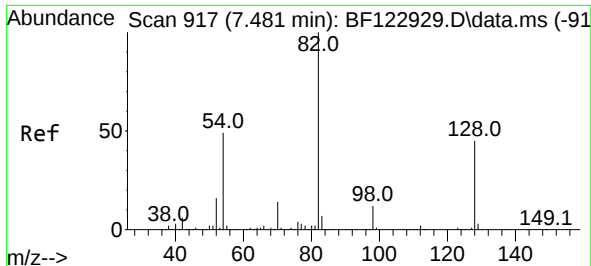


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion: 136 Resp: 578453

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	5.5	8.3
68	6.3	4.6	6.8

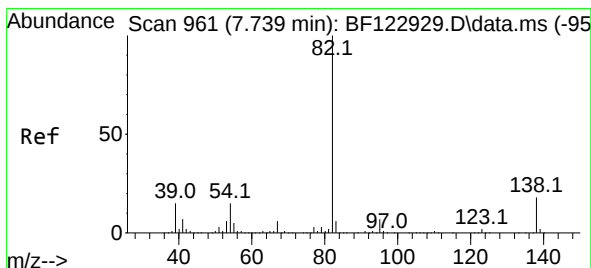
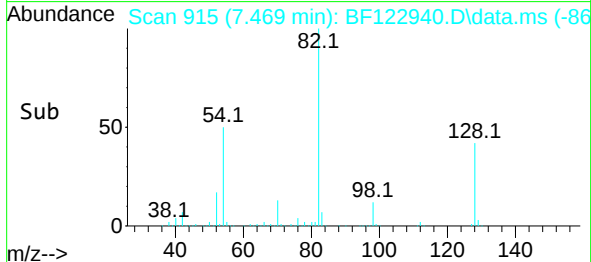
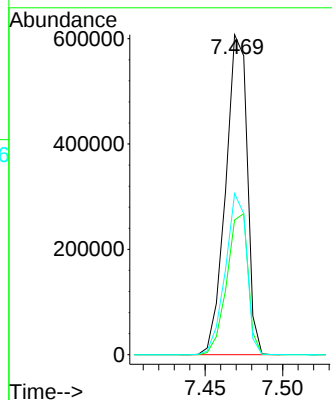
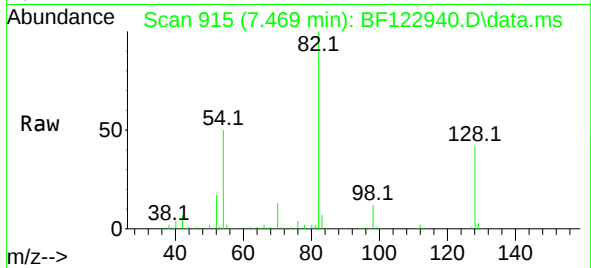




#23
Nitrobenzene-d5
Concen: 50.39 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

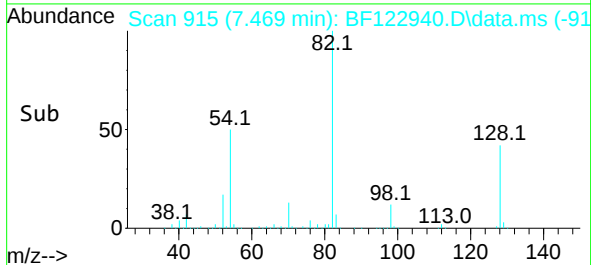
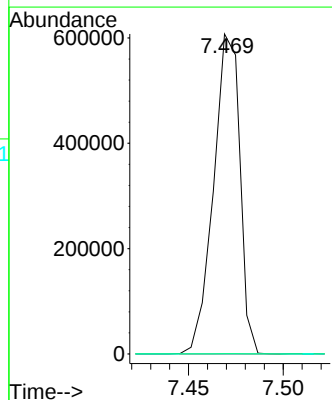
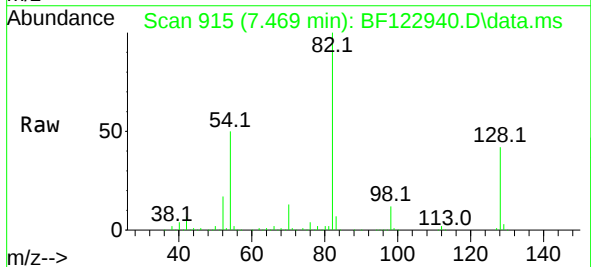
Instrument :
BNA_F
ClientSampleId :
TC-2A

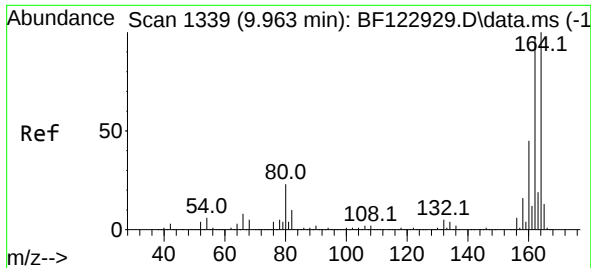
Tgt Ion: 82 Resp: 589484
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.4
54 50.4 38.4 57.6



#25
Isophorone
Concen: 28.08 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.271 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion: 82 Resp: 589191
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

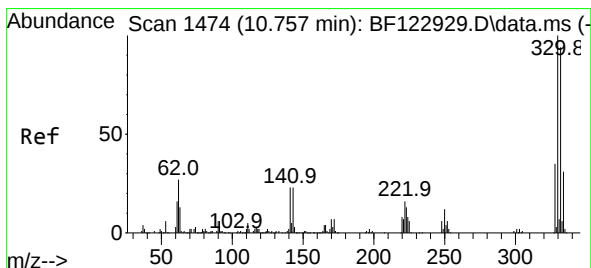
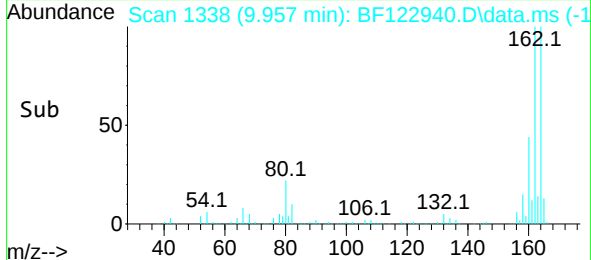
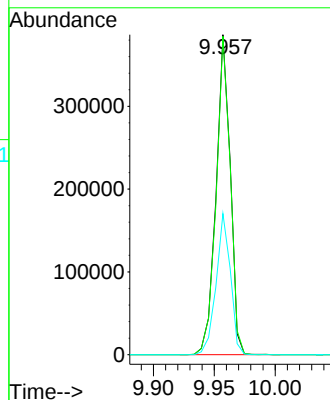
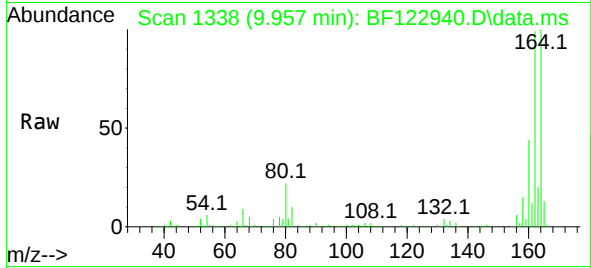




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

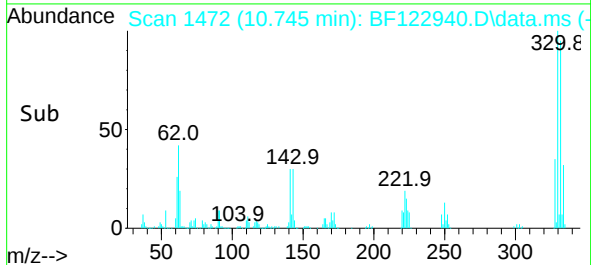
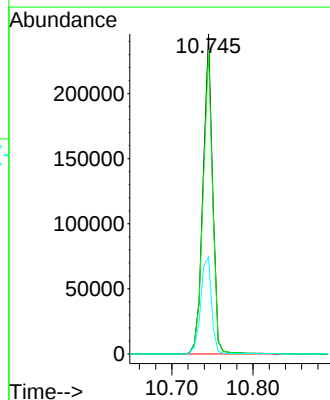
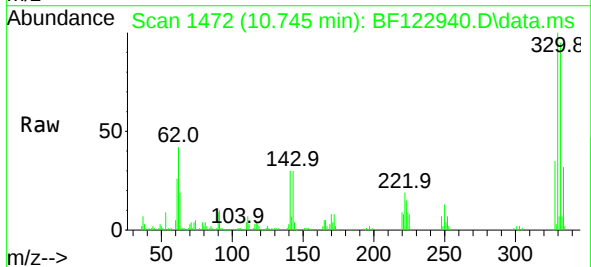
Instrument :
BNA_F
ClientSampleId :
TC-2A

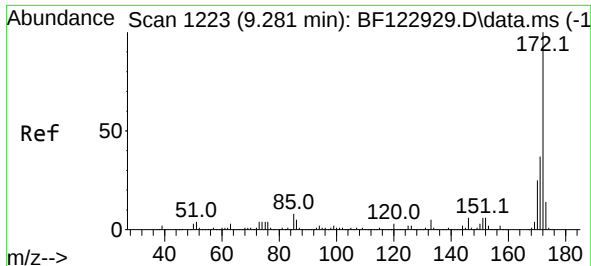
Tgt Ion:164 Resp: 312557
Ion Ratio Lower Upper
164 100
162 99.5 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 56.99 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion:330 Resp: 201207
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 34.4 23.8 35.8

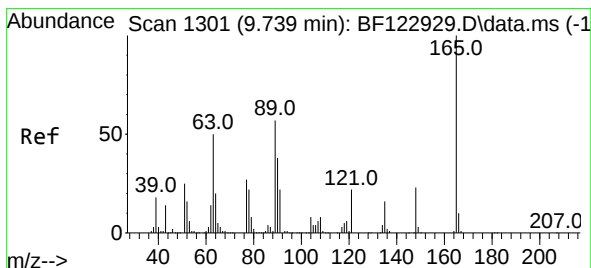
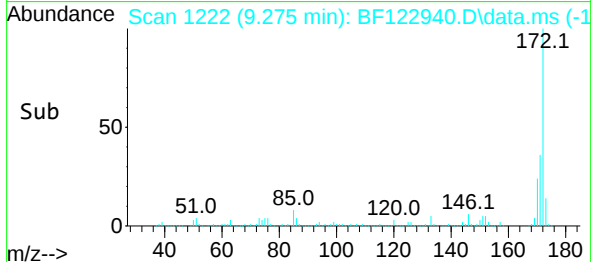
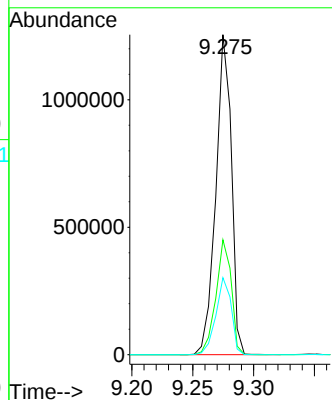
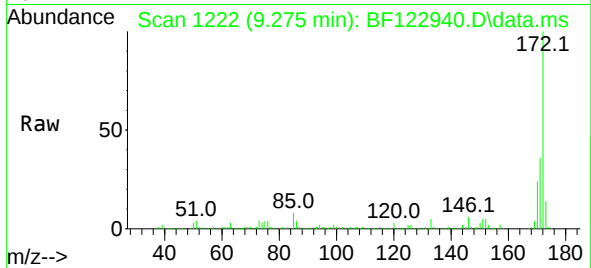




#45
2-Fluorobiphenyl
Concen: 55.65 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

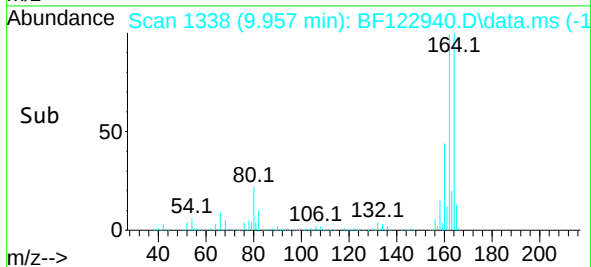
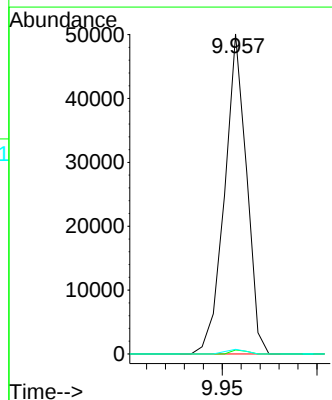
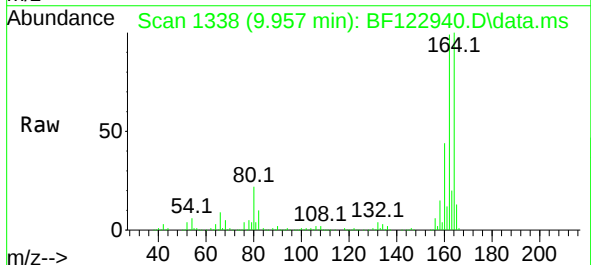
Instrument :
BNA_F
ClientSampled :
TC-2A

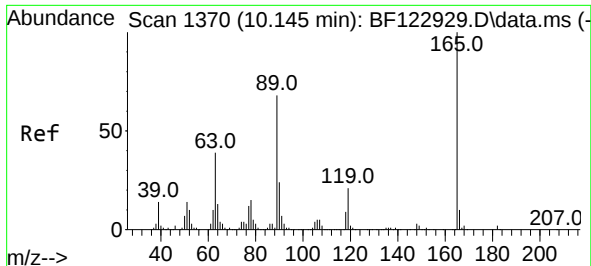
Tgt Ion:172 Resp: 1118498
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.10 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

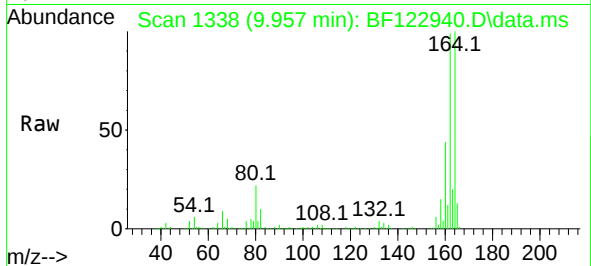
Tgt Ion:165 Resp: 40290
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.5 39.4 59.0#



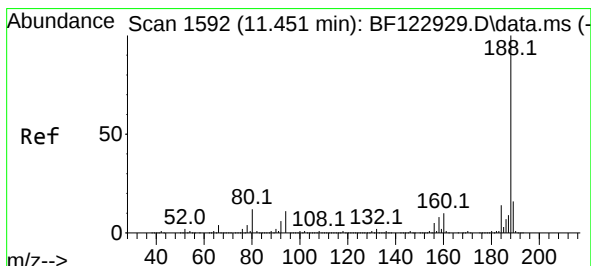
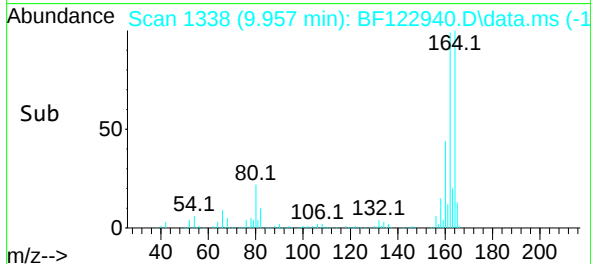
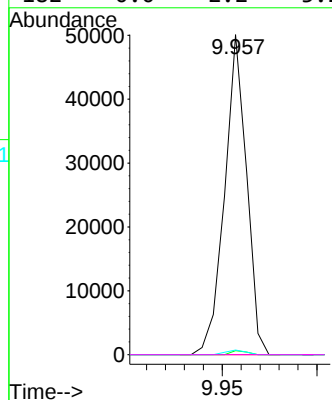


#57
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Instrument :
BNA_F
ClientSampled :
TC-2A

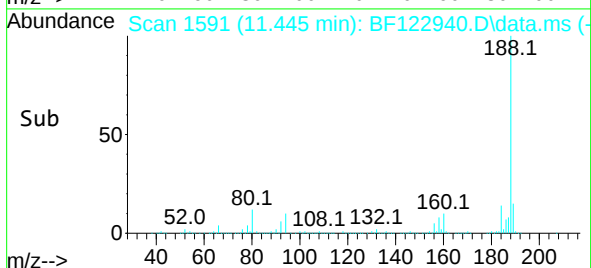
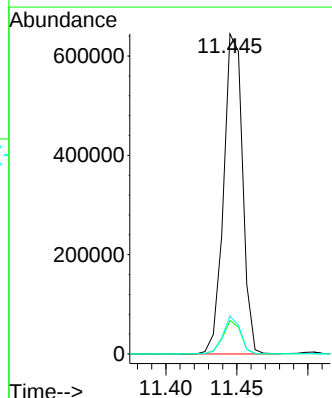
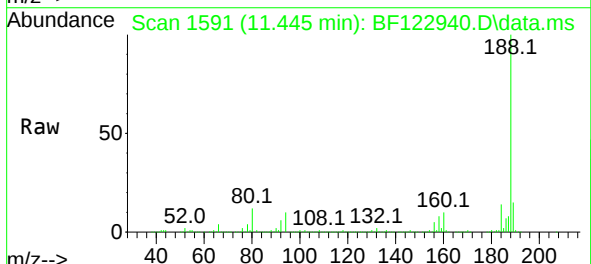


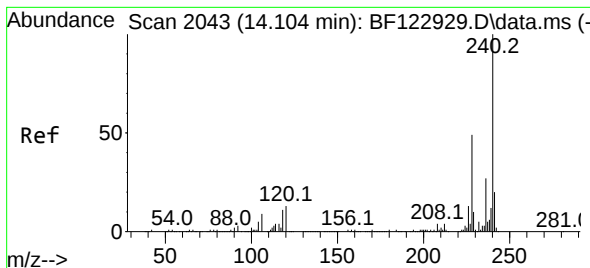
Tgt Ion:165 Resp: 40290
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion:188 Resp: 595364
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.9 8.2 12.4

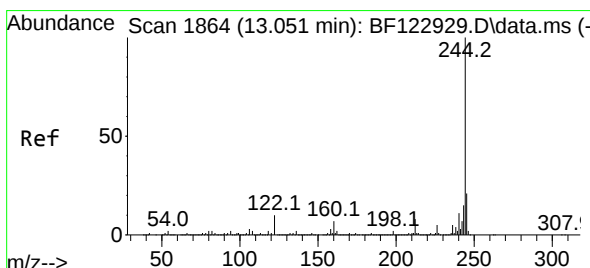
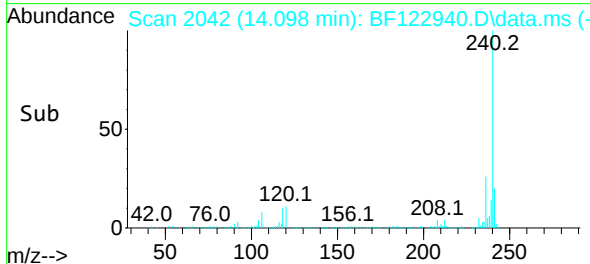
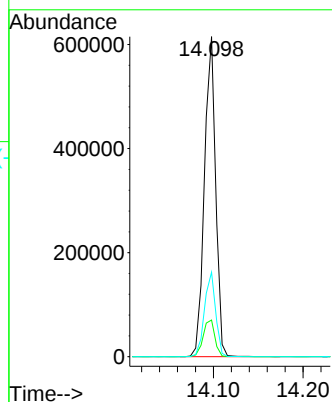
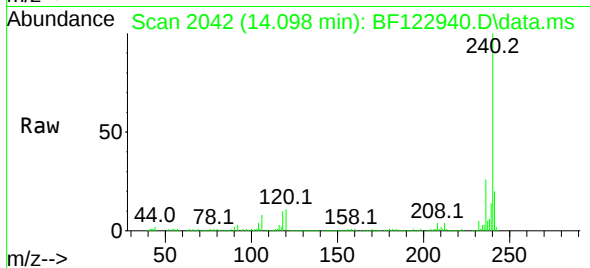




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

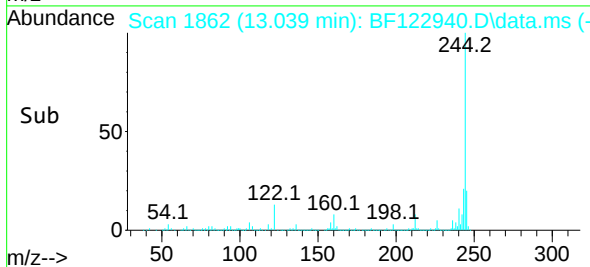
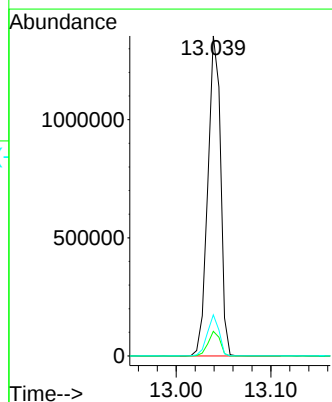
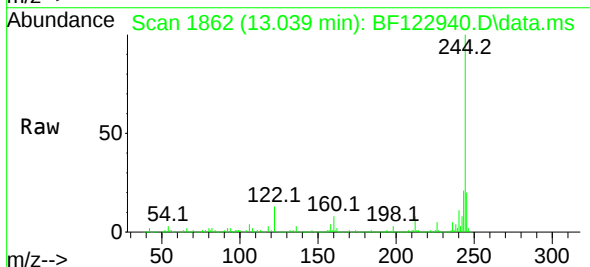
Instrument :
BNA_F
ClientSampleId :
TC-2A

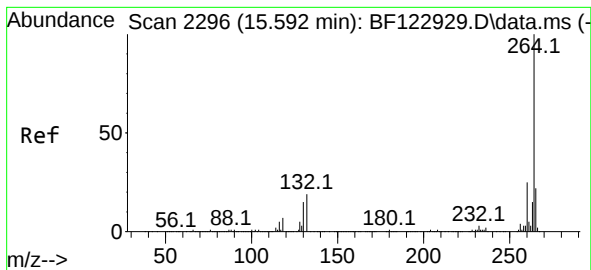
Tgt Ion:240 Resp: 534879
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 43.74 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF122940.D
Acq: 8 Jan 2021 14:55

Tgt Ion:244 Resp: 1262869
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.9 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF122940.D
 Acq: 8 Jan 2021 14:55

Instrument :
 BNA_F
 ClientSampleId :
 TC-2A

Tgt Ion:264 Resp: 494480
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.8 17.0 25.6

