

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122939.D
 Acq On : 8 Jan 2021 14:24
 Operator : JU/CG
 Sample : M1038-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TC-1B

Quant Time: Jan 08 14:51:34 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)

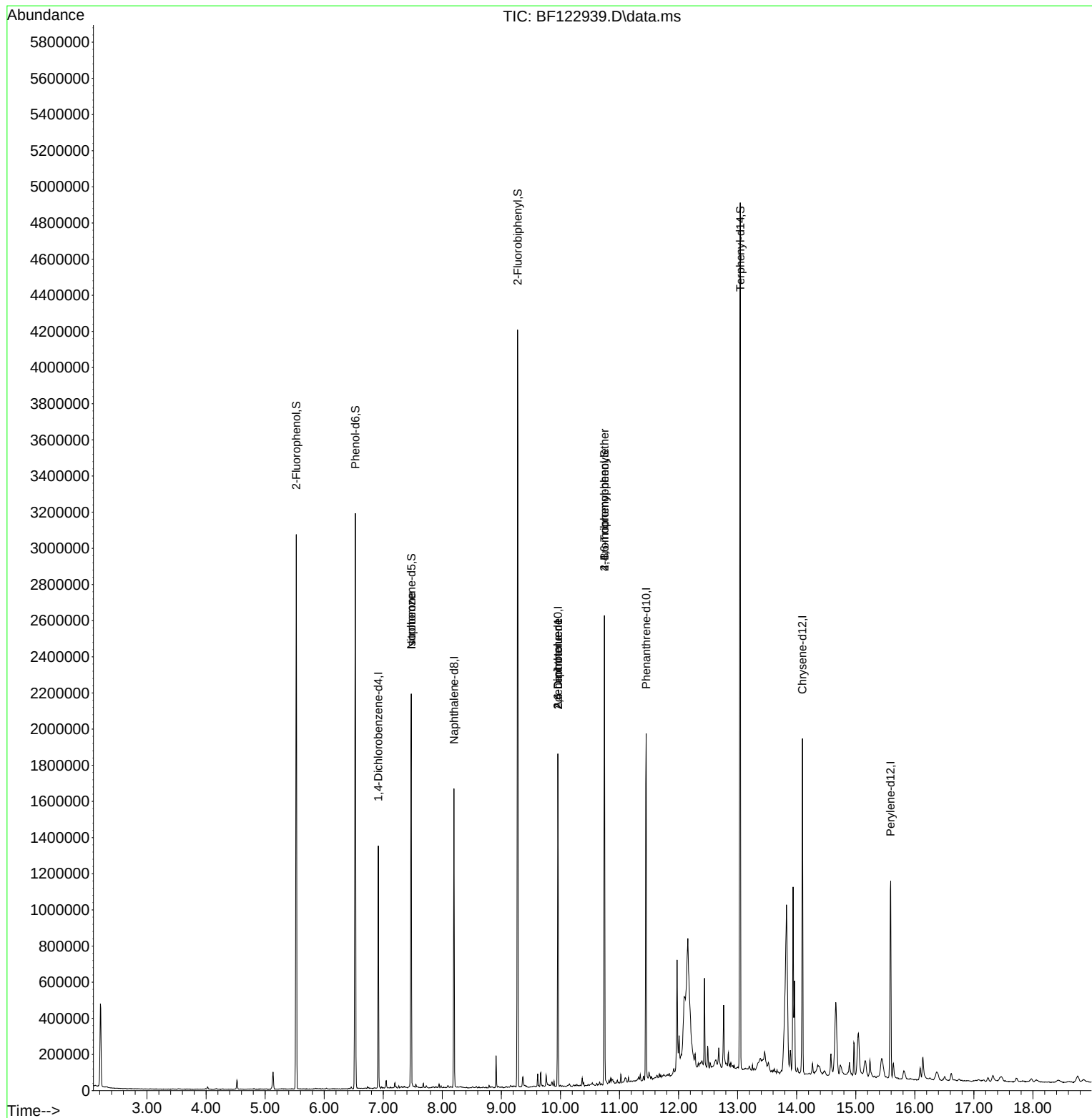
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	175754	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	645098	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	348146	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	679780	20.00	ng	0.00
76) Chrysene-d12	14.098	240	563192	20.00	ng	0.00
86) Perylene-d12	15.592	264	484466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	839331	71.69	ng	0.00
7) Phenol-d6	6.528	99	1121144	70.57	ng	-0.01
23) Nitrobenzene-d5	7.475	82	667322	51.15	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	278286	70.77	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	1292238	57.93	ng	0.00
79) Terphenyl-d14	13.045	244	1427774	46.97	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	251	Below Cal	#	22
25) Isophorone	7.475	82	666877	28.50	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	45011	8.13	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	45011	6.35	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	18571	2.26	ng	# 1

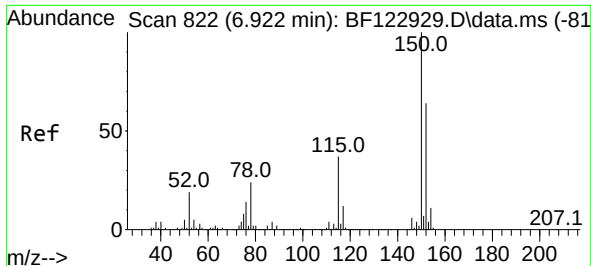
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122939.D
Acq On : 8 Jan 2021 14:24
Operator : JU/CG
Sample : M1038-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TC-1B

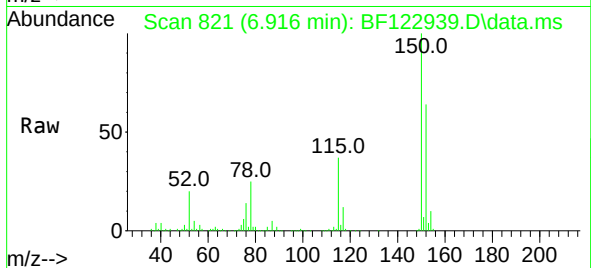
Quant Time: Jan 08 14:51:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 01:05:04 2021
Response via : Initial Calibration



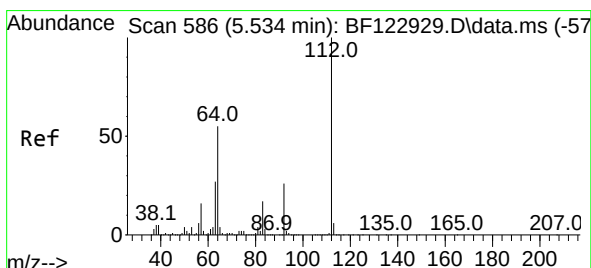
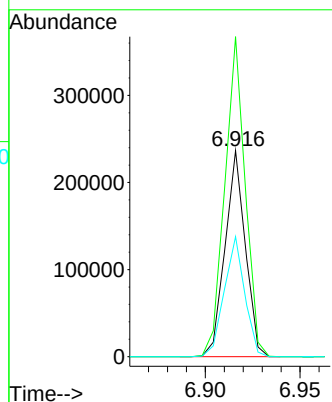
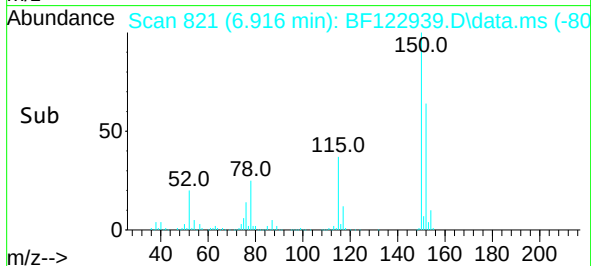


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

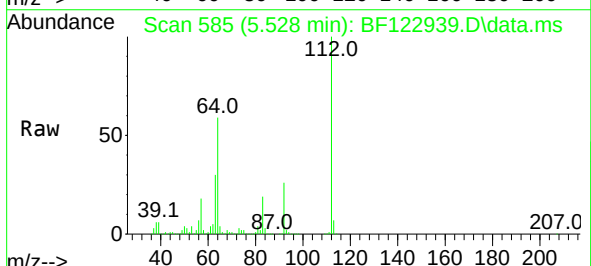
Instrument :
BNA_F
ClientSampleId :
TC-1B



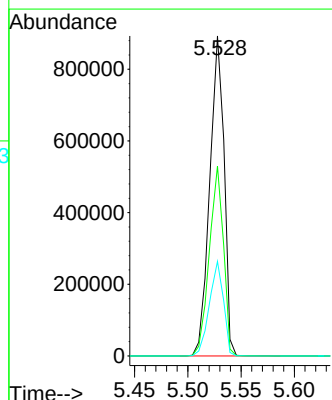
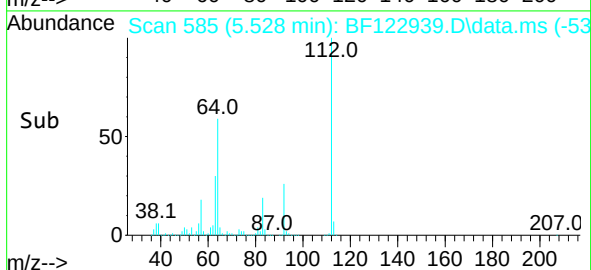
Tgt Ion:152 Resp: 175754
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 58.2 49.3 73.9

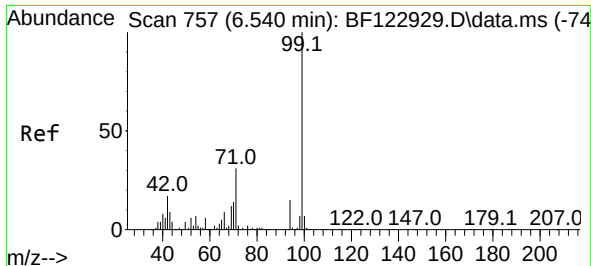


#5
2-Fluorophenol
Concen: 71.69 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24



Tgt Ion:112 Resp: 839331
Ion Ratio Lower Upper
112 100
64 59.3 46.9 70.3
63 29.6 24.5 36.7

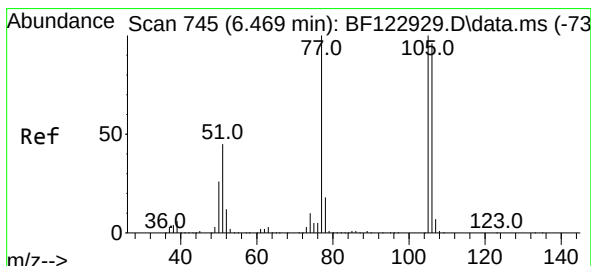
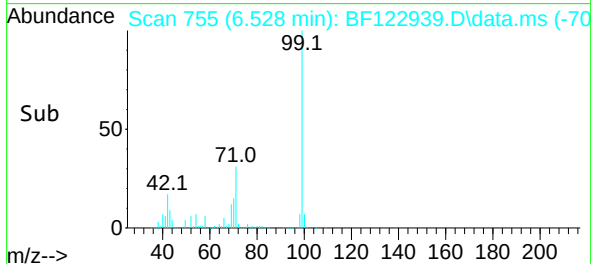
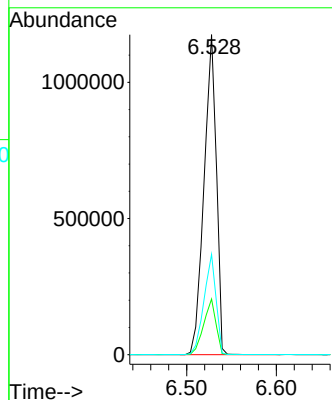
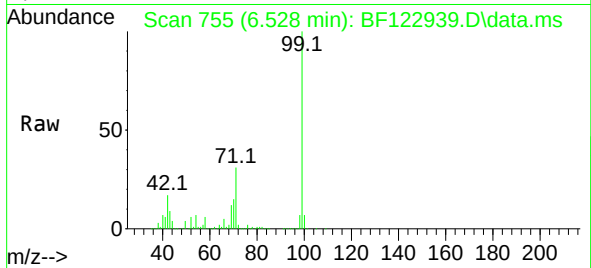




#7
Phenol-d6
Concen: 70.57 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

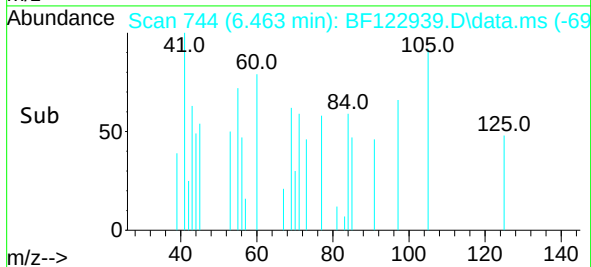
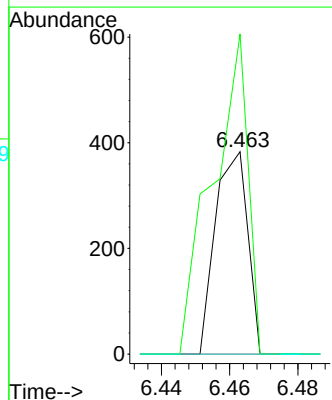
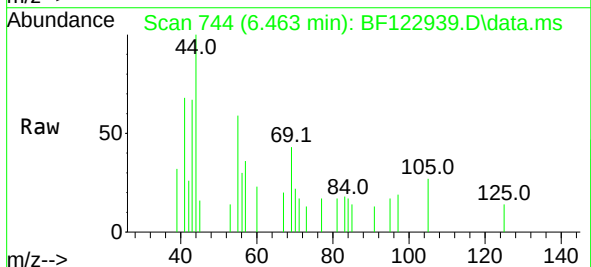
Instrument :
BNA_F
ClientSampleId :
TC-1B

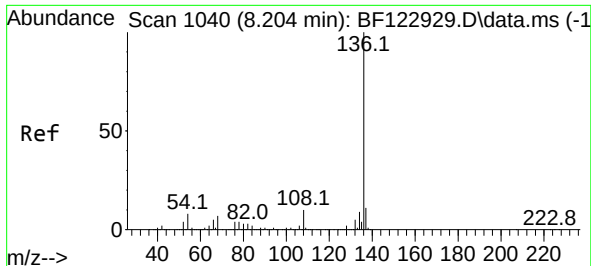
Tgt Ion: 99 Resp: 1121144
Ion Ratio Lower Upper
99 100
42 17.4 13.8 20.6
71 31.4 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion: 77 Resp: 251
Ion Ratio Lower Upper
77 100
105 158.2 80.6 120.6#
106 0.0 77.2 117.2#

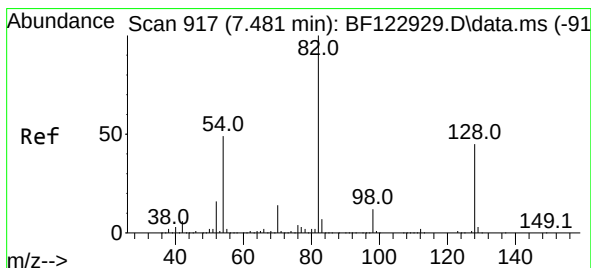
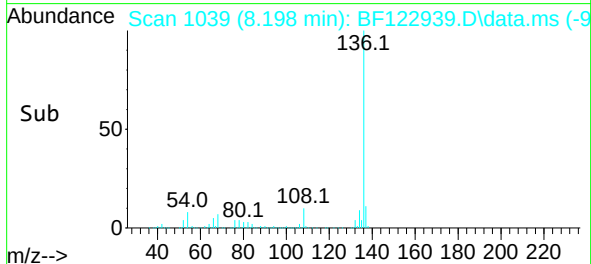
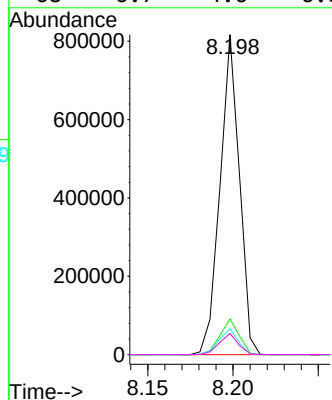
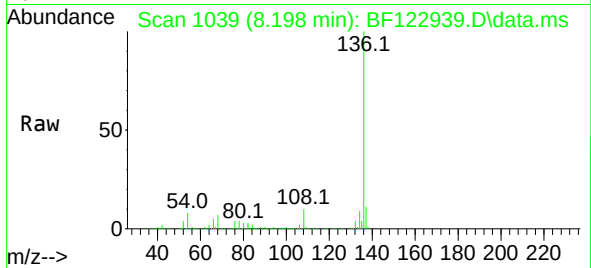




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

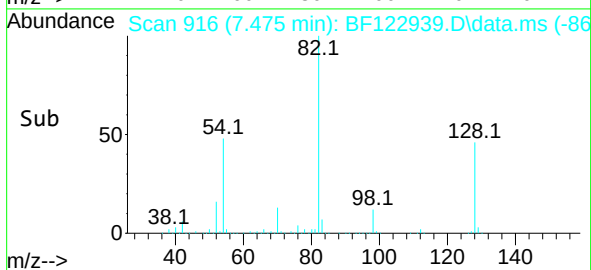
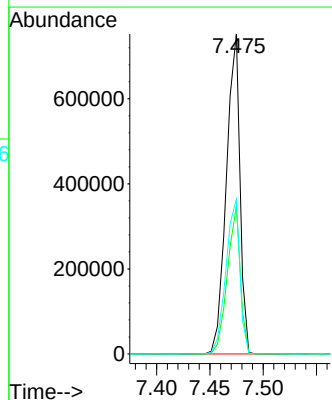
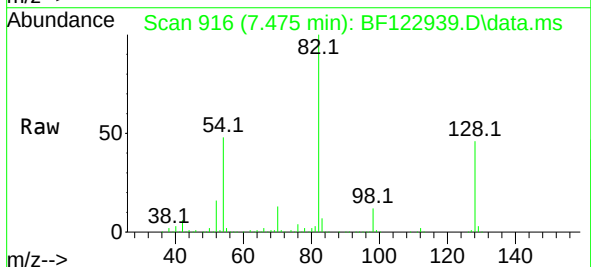
Instrument :
BNA_F
ClientSampleId :
TC-1B

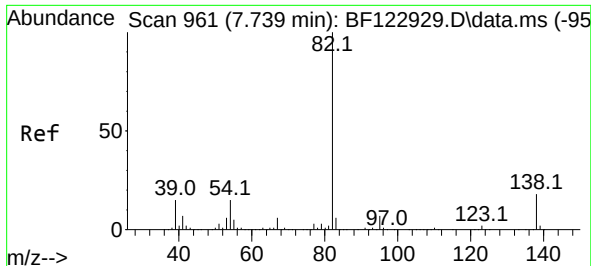
Tgt Ion:	136	Resp:	645098
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	5.5	8.3
68	6.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 51.15 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:	82	Resp:	667322
Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	48.3	38.4	57.6

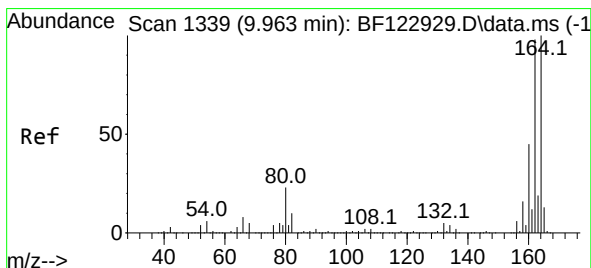
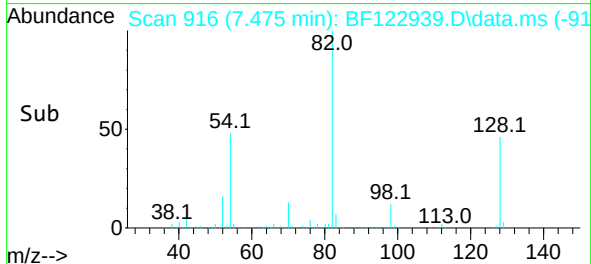
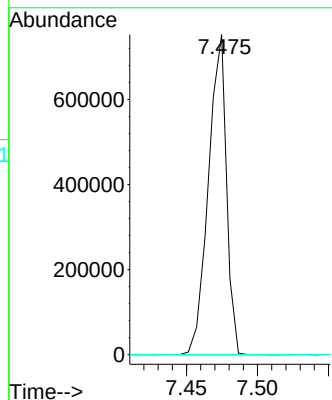
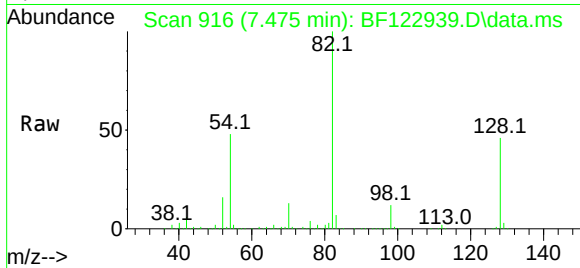




#25
Isophorone
Concen: 28.50 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

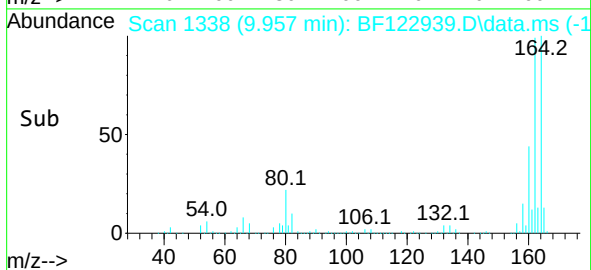
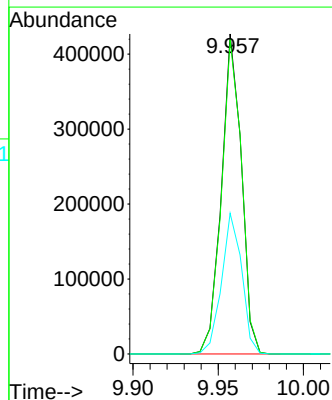
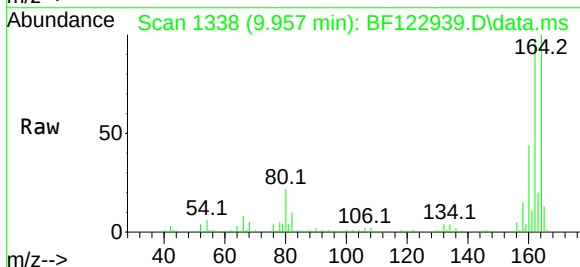
Instrument :
BNA_F
ClientSampleId :
TC-1B

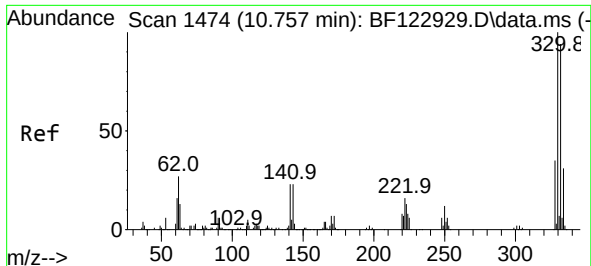
Tgt Ion: 82 Resp: 666877
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:164 Resp: 348146
Ion Ratio Lower Upper
164 100
162 98.2 80.8 121.2
160 44.0 35.4 53.0

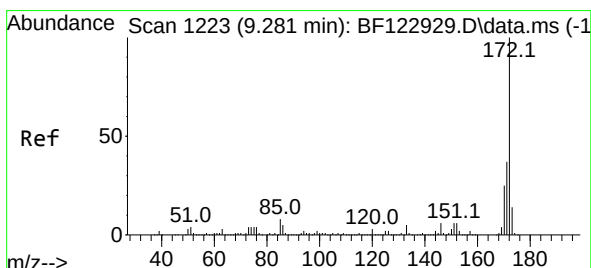
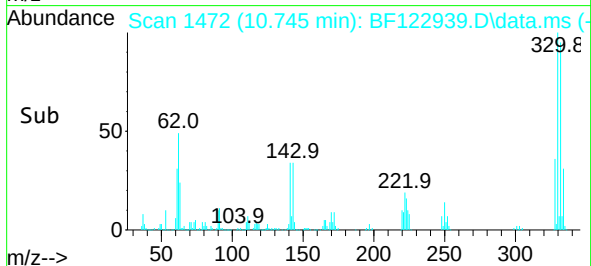
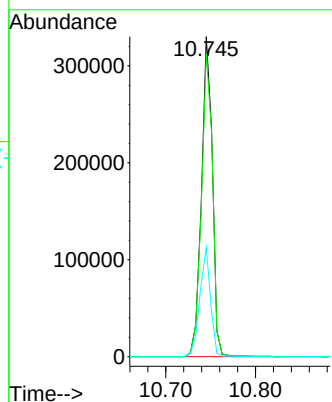
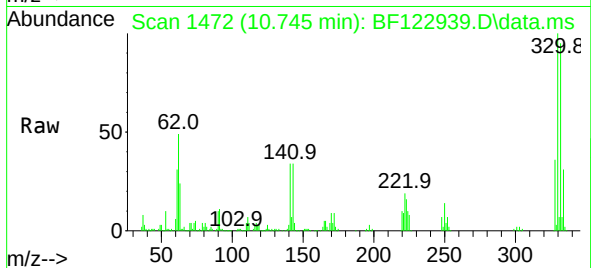




#42
2,4,6-Tribromophenol
Concen: 70.77 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

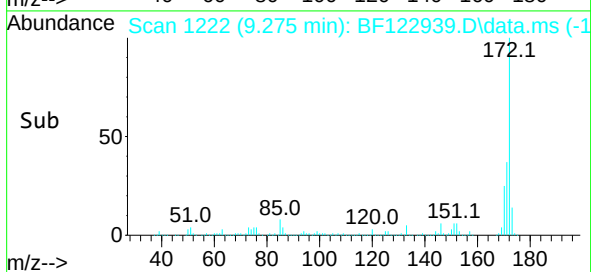
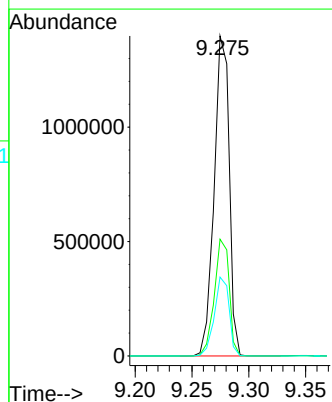
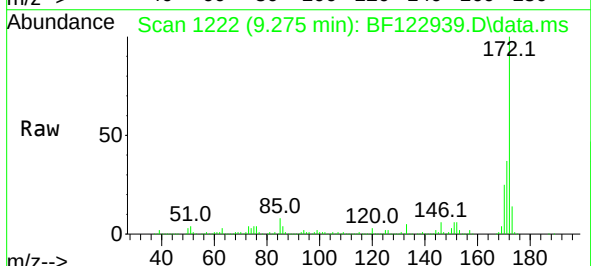
Instrument :
BNA_F
ClientSampled :
TC-1B

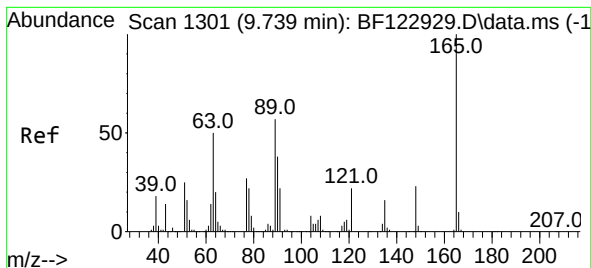
Tgt Ion:330 Resp: 278286
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 33.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 57.93 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:172 Resp: 1292238
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 19.5 29.3

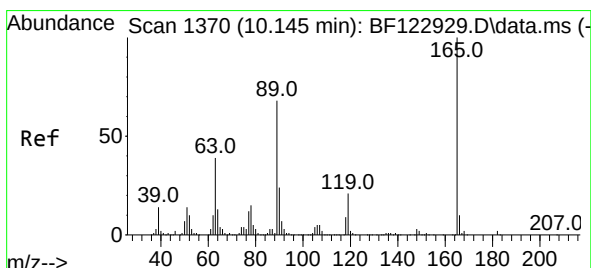
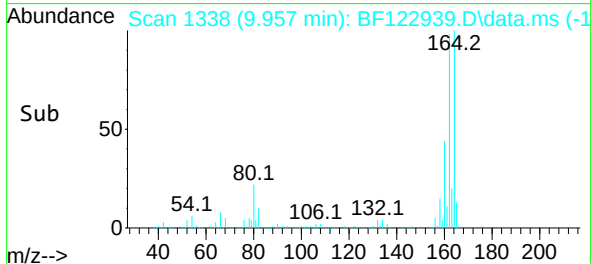
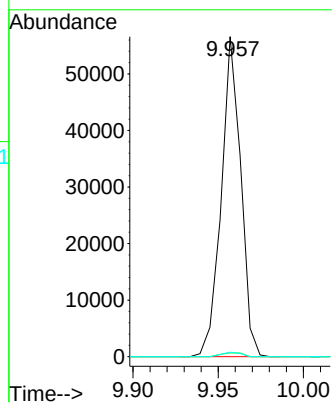
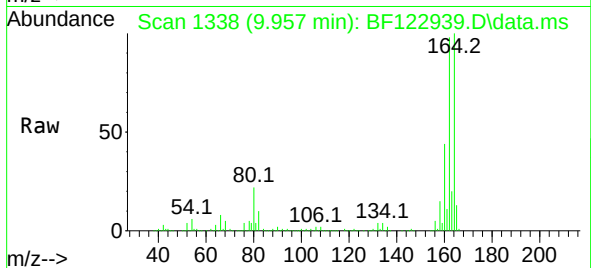




#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

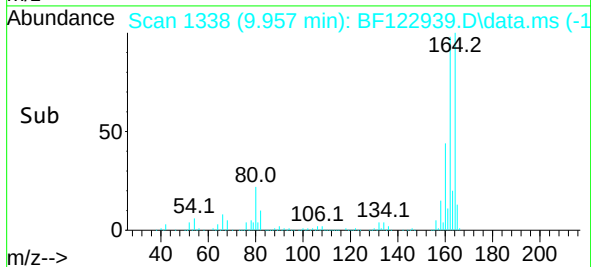
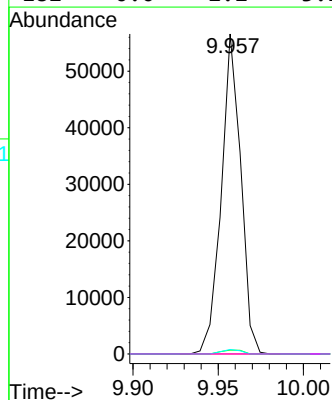
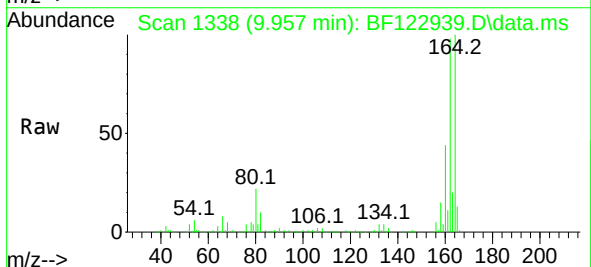
Instrument :
BNA_F
ClientSampled :
TC-1B

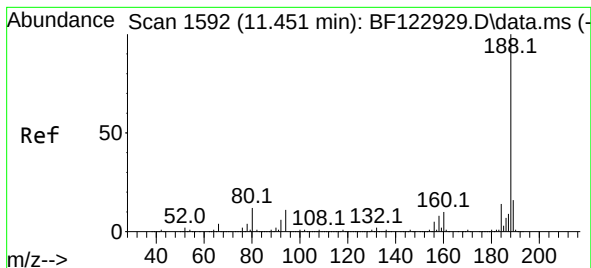
Tgt Ion:165 Resp: 45011
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:165 Resp: 45011
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

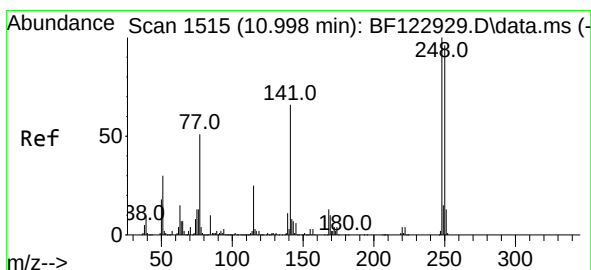
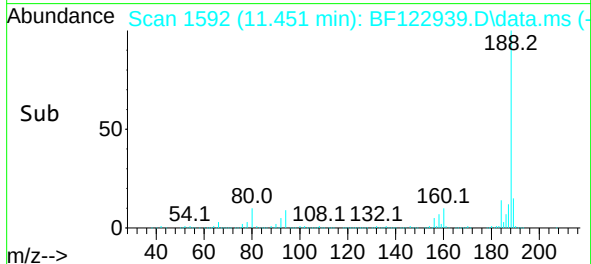
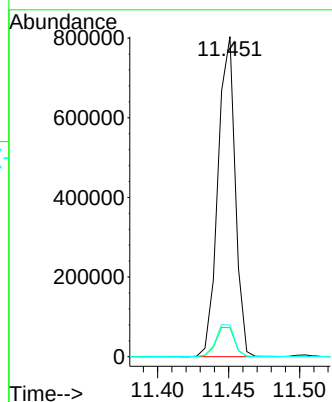
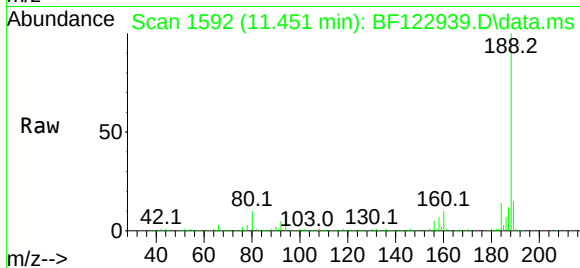




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

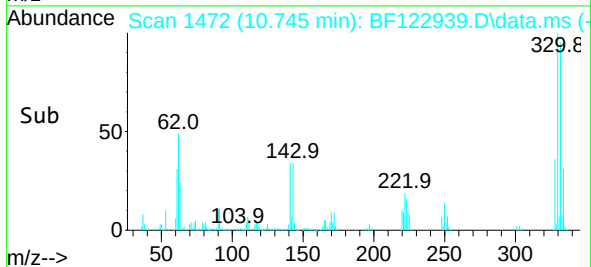
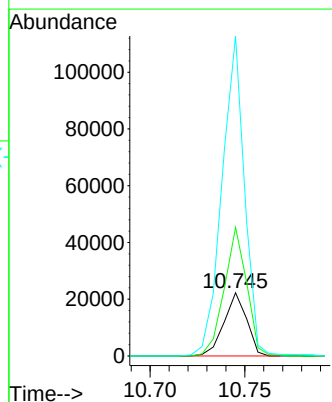
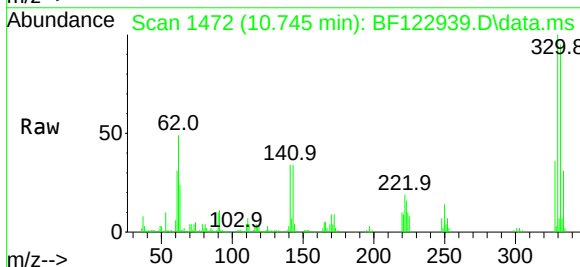
Instrument :
BNA_F
ClientSampleId :
TC-1B

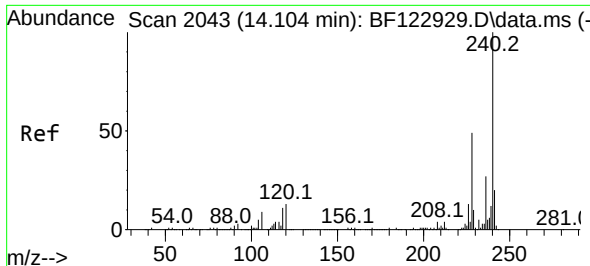
Tgt Ion:188 Resp: 679780
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:248 Resp: 18571
Ion Ratio Lower Upper
248 100
250 203.5 76.8 115.2#
141 506.4 59.8 89.8#

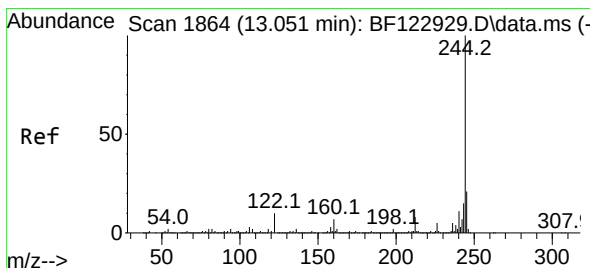
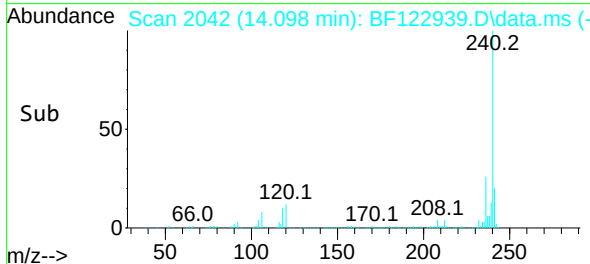
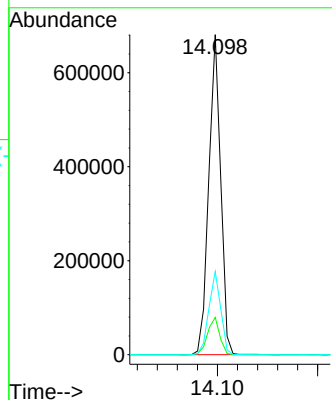
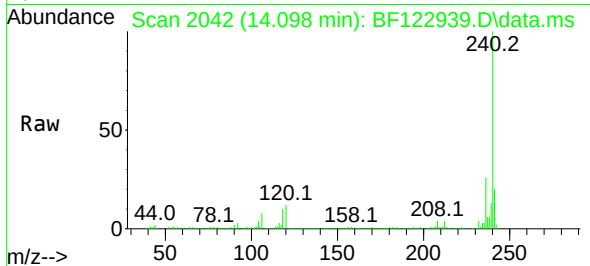




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

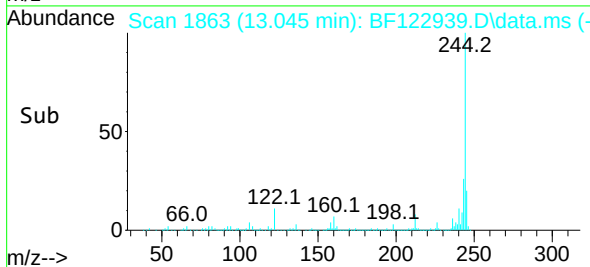
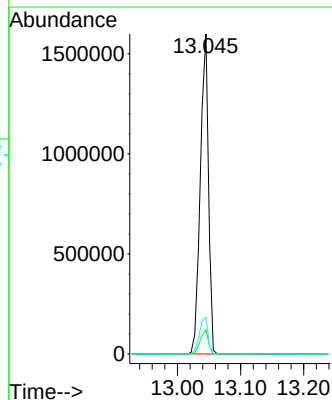
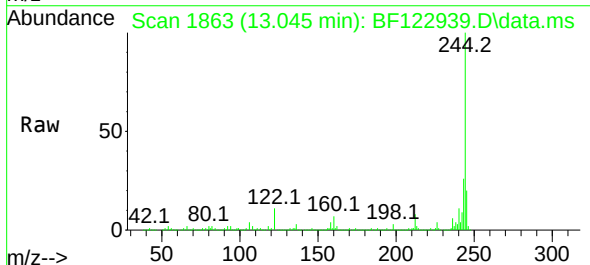
Instrument :
BNA_F
ClientSampleId :
TC-1B

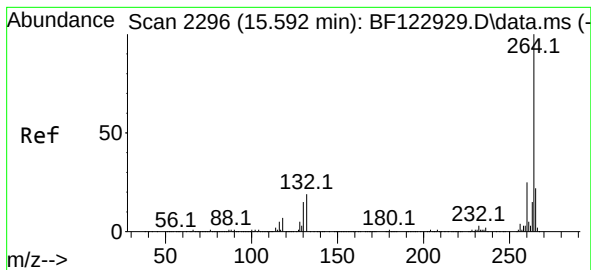
Tgt Ion:240 Resp: 563192
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 46.97 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF122939.D
Acq: 8 Jan 2021 14:24

Tgt Ion:244 Resp: 1427774
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. -0.000 min
 Lab File: BF122939.D
 Acq: 8 Jan 2021 14:24

Instrument :
 BNA_F
 ClientSampleId :
 TC-1B

Tgt Ion:264 Resp: 484466
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.7 17.0 25.6

