

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127626.D
 Acq On : 01 Apr 2022 21:57
 Operator : CG\JU
 Sample : N2207-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220342-096-21-03

Quant Time: Apr 01 23:50:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

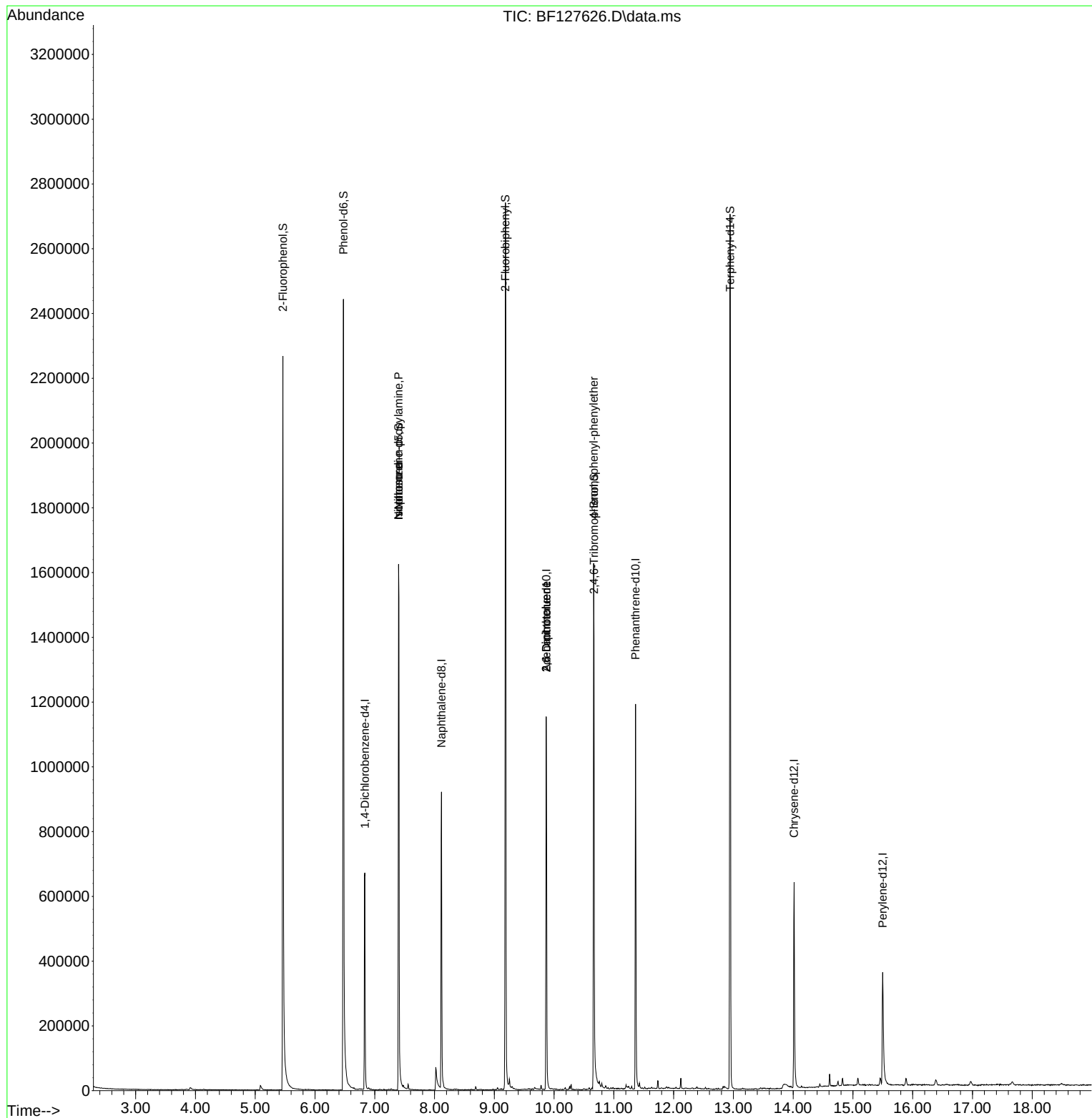
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	103974	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	393873	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	227995	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	416482	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	249607	20.000	ng	0.00
86) Perylene-d12	15.498	264	199593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	616873	94.703	ng	0.00
7) Phenol-d6	6.475	99	830953	93.326	ng	0.00
23) Nitrobenzene-d5	7.398	82	556878	60.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	200282	82.464	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	902380	57.794	ng	0.00
79) Terphenyl-d14	12.945	244	915631	60.051	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	1514	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	72577	13.599	ng	# 83
25) Isophorone	7.398	82	556874	37.945	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29272	8.792	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29272	6.830	ng	# 14
58) Fluorene	10.663	166	8607	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.663	248	13257	2.726	ng	# 1

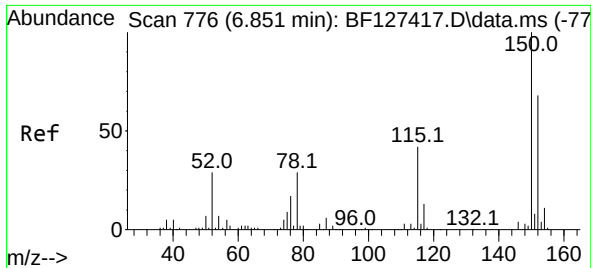
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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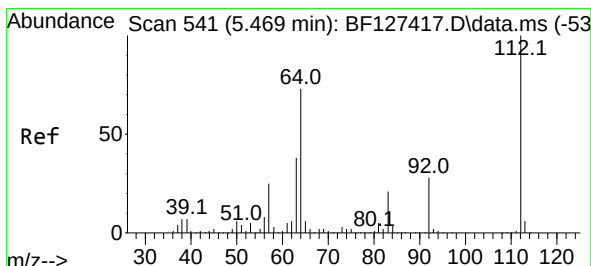
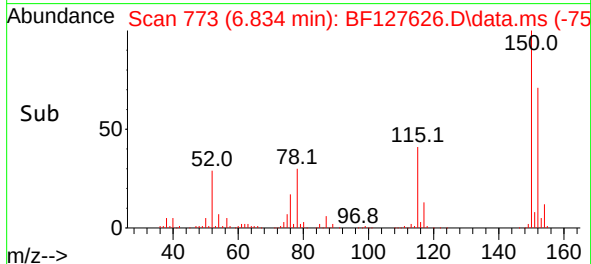
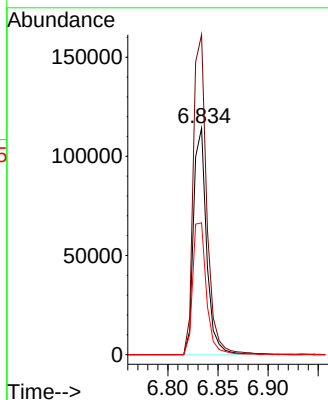
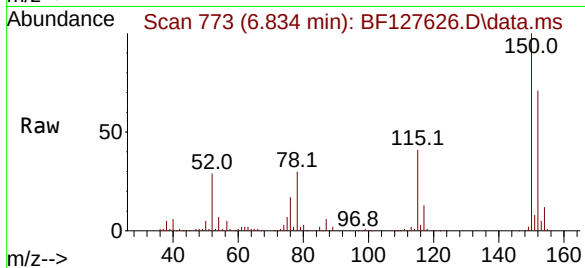




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

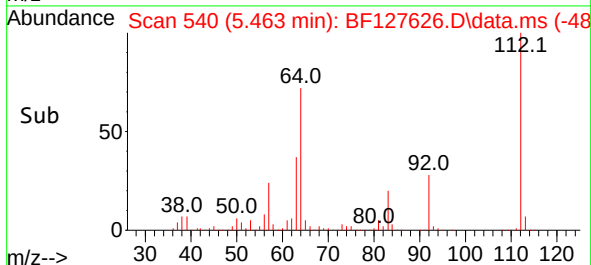
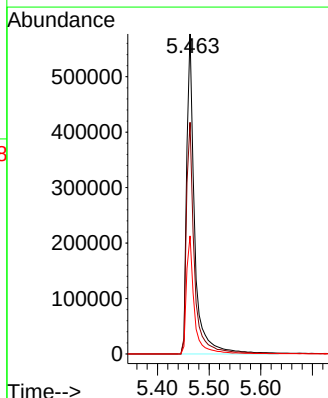
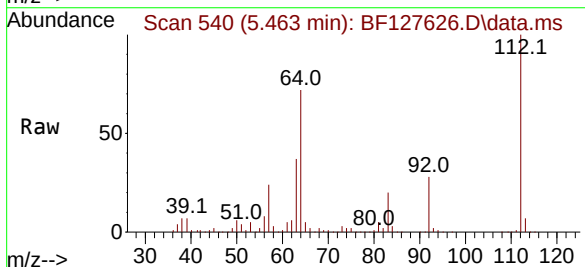
Instrument :
BNA_F
ClientSampleId :
20220342-096-21-03

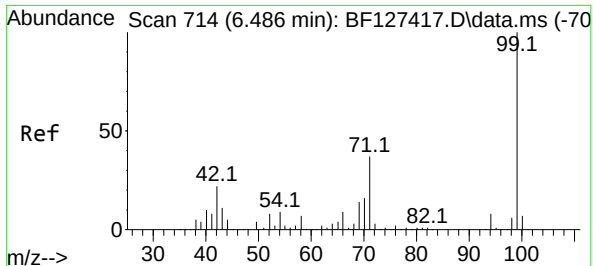
Tgt Ion:152 Resp: 103974
Ion Ratio Lower Upper
152 100
150 141.3 117.2 175.8
115 58.2 49.8 74.6



#5
2-Fluorophenol
Concen: 94.703 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

Tgt Ion:112 Resp: 616873
Ion Ratio Lower Upper
112 100
64 72.4 58.4 87.6
63 36.9 30.1 45.1

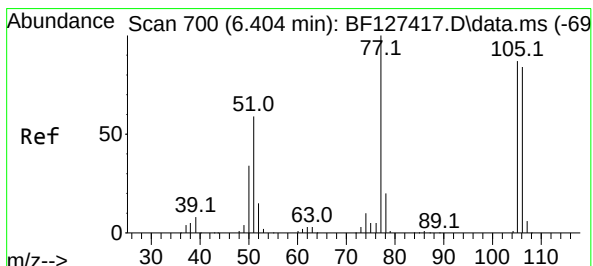
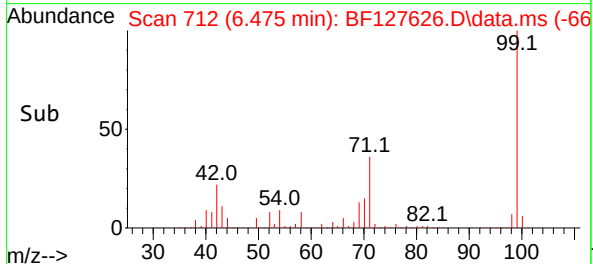
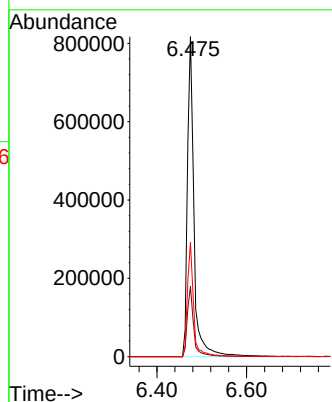
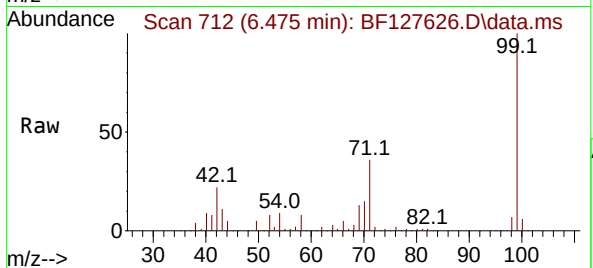




#7
Phenol-d6
Concen: 93.326 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

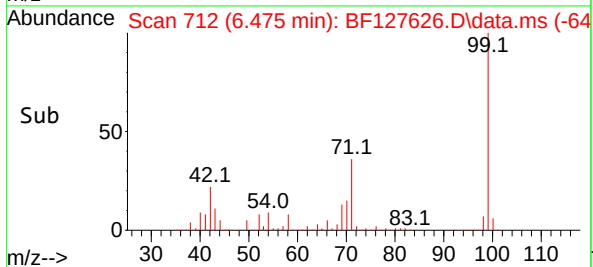
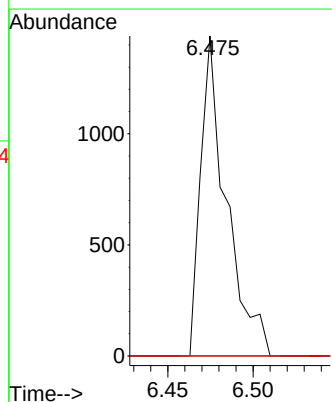
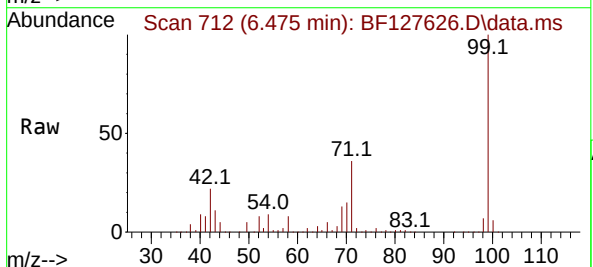
Instrument :
BNA_F
ClientSampleId :
20220342-096-21-03

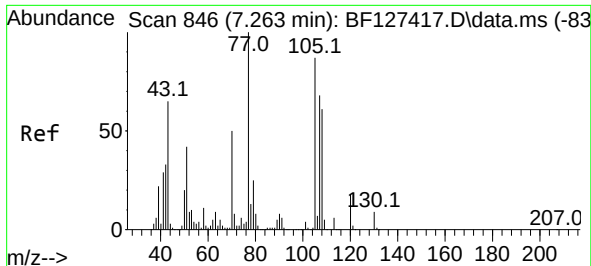
Tgt Ion: 99 Resp: 830953
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 35.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

Tgt Ion: 77 Resp: 1514
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 13.599 ng

RT: 7.398 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF127626.D

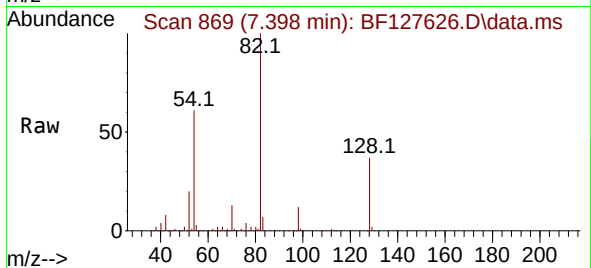
Acq: 01 Apr 2022 21:57

Instrument :

BNA_F

ClientSampleId :

20220342-096-21-03



Tgt Ion: 70 Resp: 72577

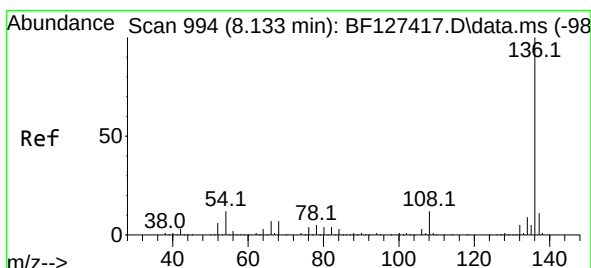
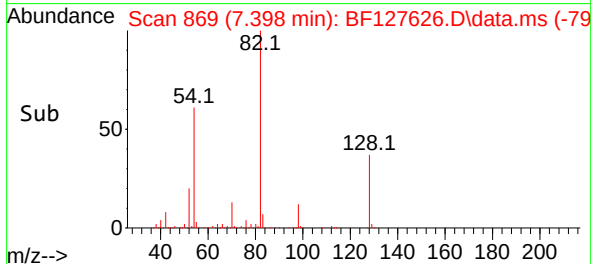
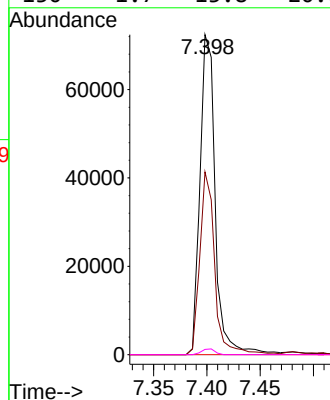
Ion Ratio Lower Upper

70 100

42 57.1 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127626.D

Acq: 01 Apr 2022 21:57

Tgt Ion: 136 Resp: 393873

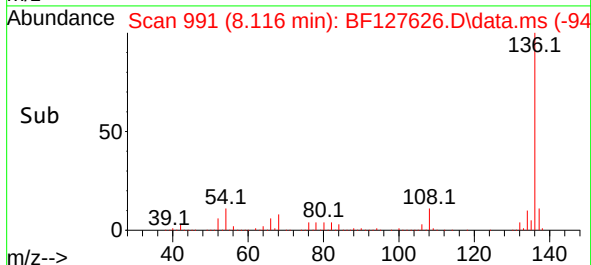
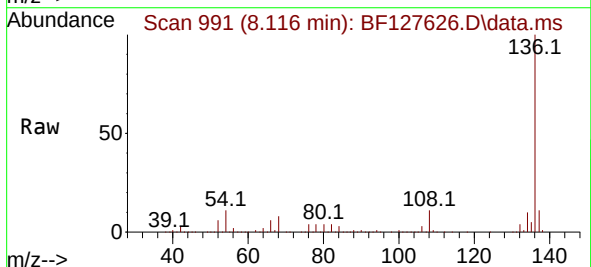
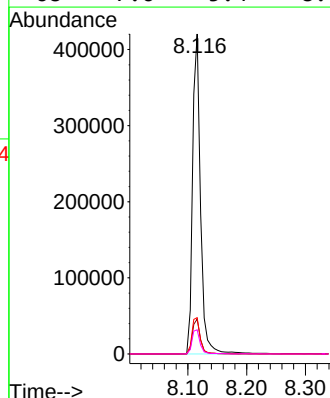
Ion Ratio Lower Upper

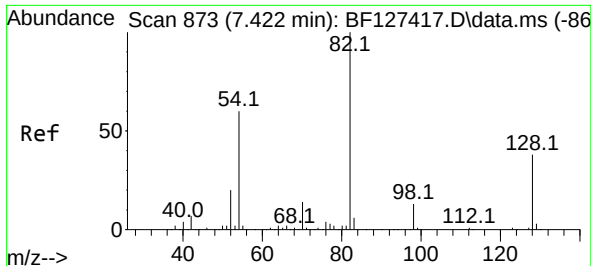
136 100

137 10.9 8.6 13.0

54 11.4 9.2 13.8

68 7.6 5.4 8.0

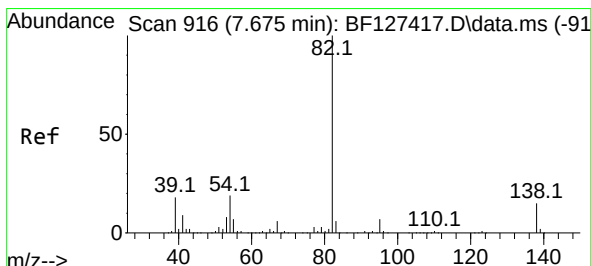
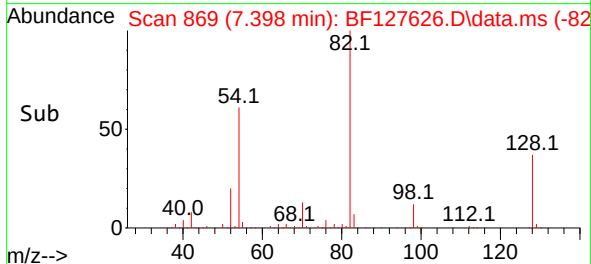
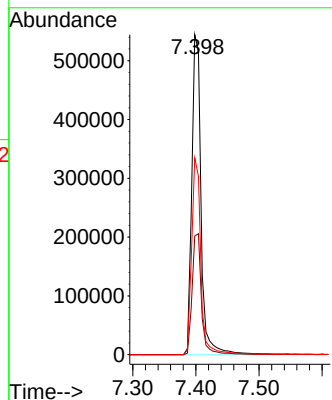
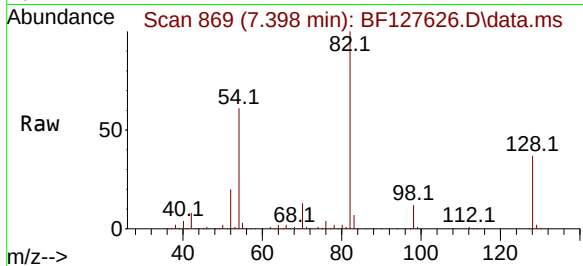




#23
Nitrobenzene-d5
Concen: 60.436 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

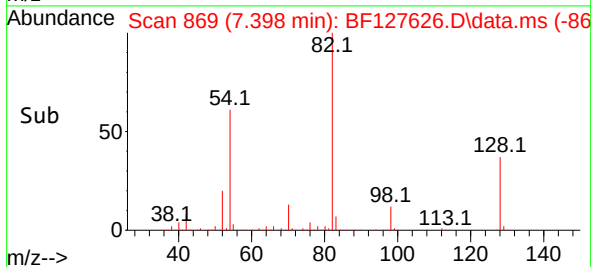
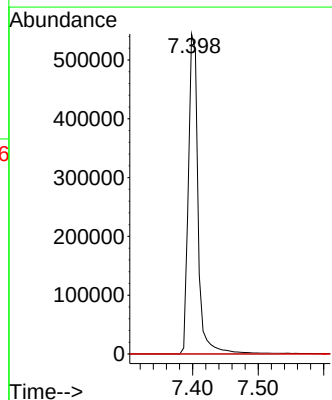
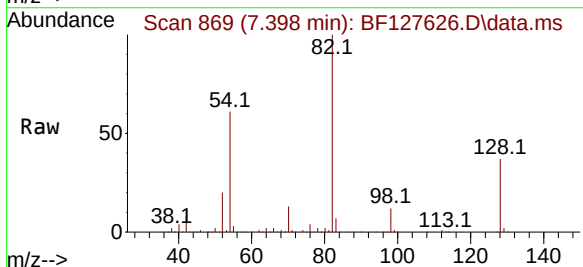
Instrument :
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ClientSampleId :
20220342-096-21-03

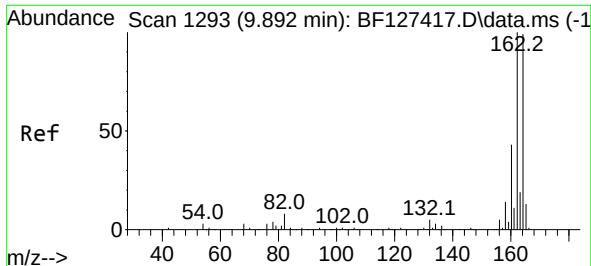
Tgt Ion: 82 Resp: 556878
Ion Ratio Lower Upper
82 100
128 37.1 30.6 45.8
54 61.5 48.2 72.2



#25
Isophorone
Concen: 37.945 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

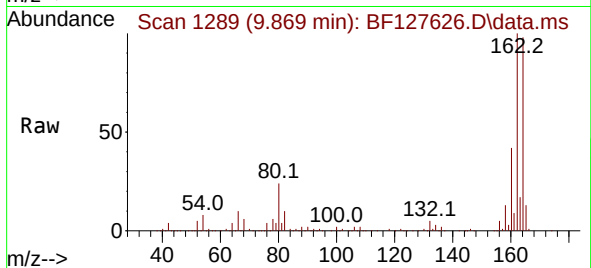
Tgt Ion: 82 Resp: 556874
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



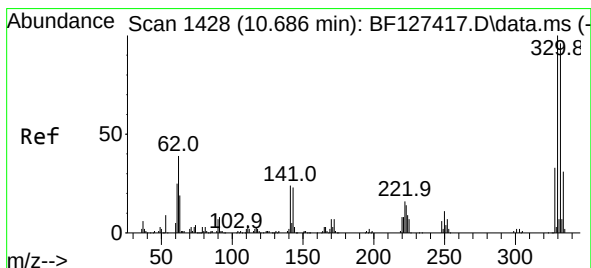
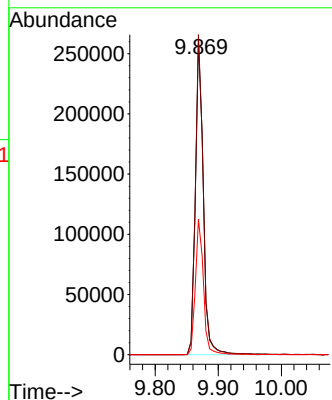
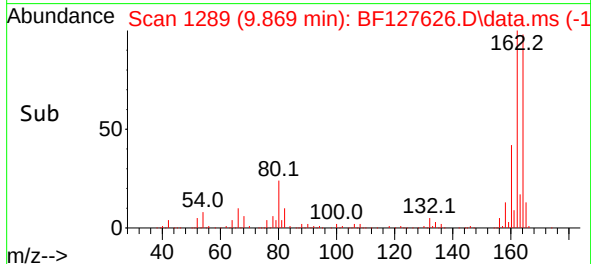


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

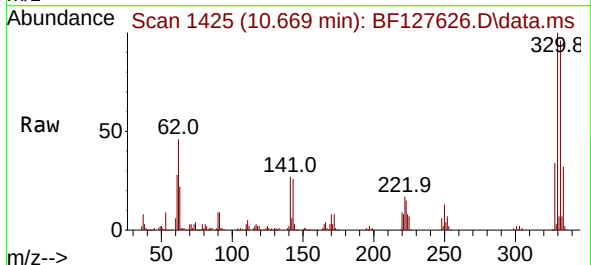
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ClientSampleId :
20220342-096-21-03



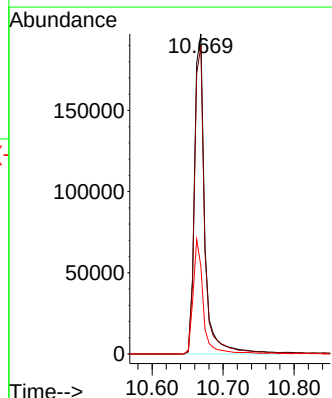
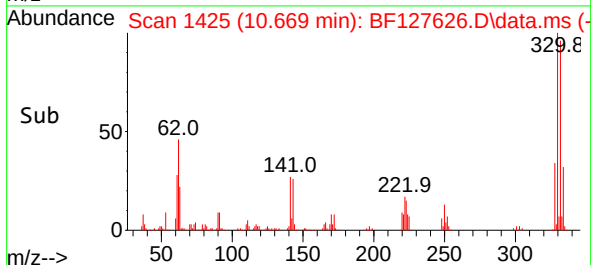
Tgt Ion:164 Resp: 227995
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 43.1 34.6 52.0

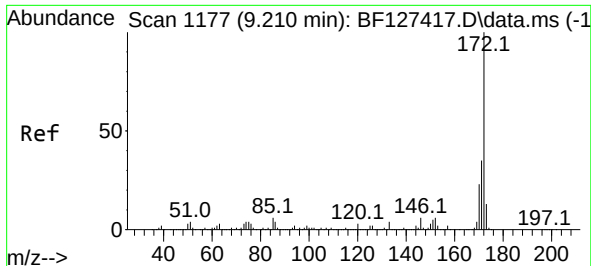


#42
2,4,6-Tribromophenol
Concen: 82.464 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57



Tgt Ion:330 Resp: 200282
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 35.0 26.2 39.4

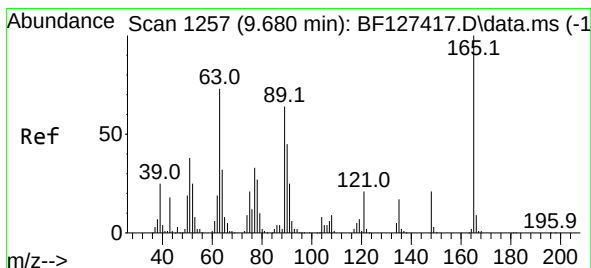
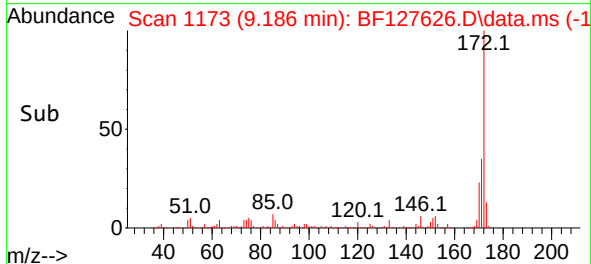
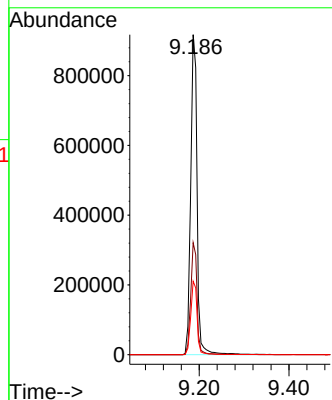
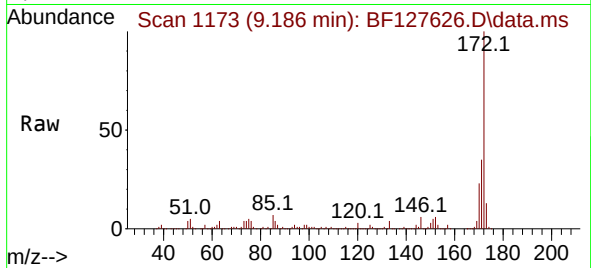




#45
2-Fluorobiphenyl
Concen: 57.794 ng
RT: 9.186 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

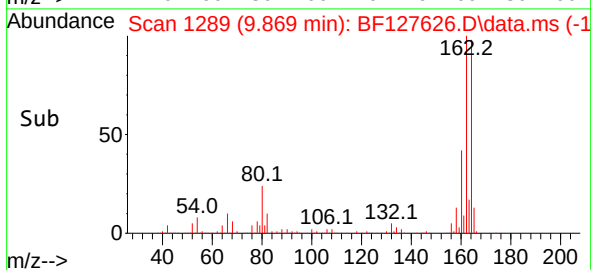
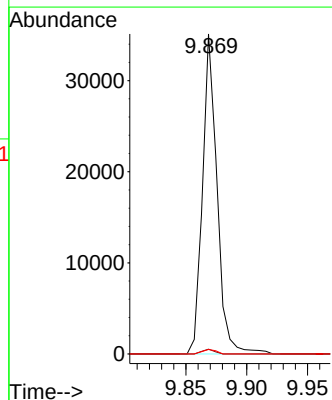
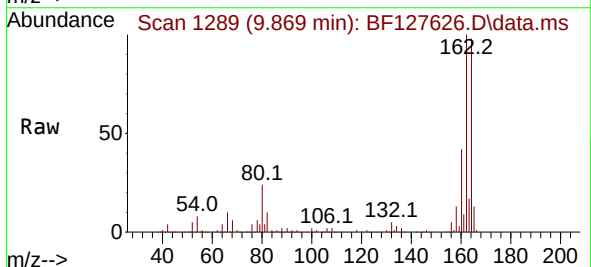
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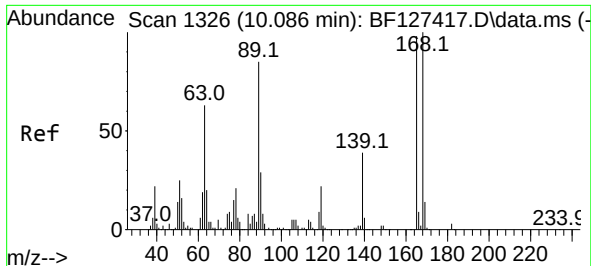
Tgt Ion:172 Resp: 902380
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 22.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

Tgt Ion:165 Resp: 29272
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.4 51.5 77.3#

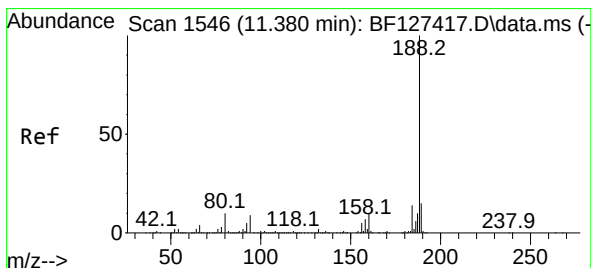
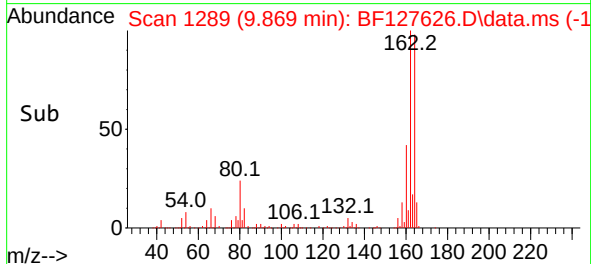
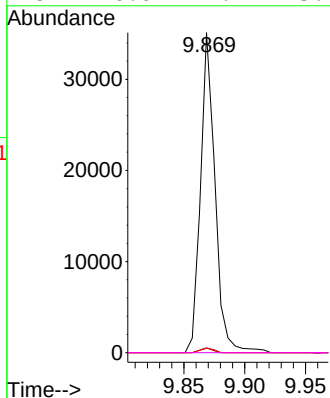
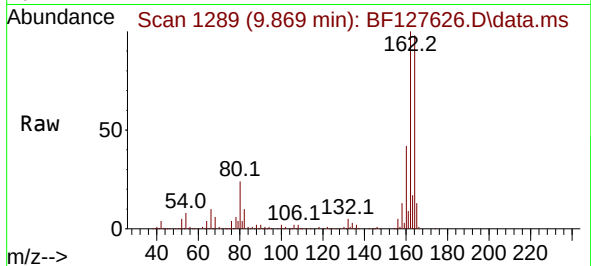




#57
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

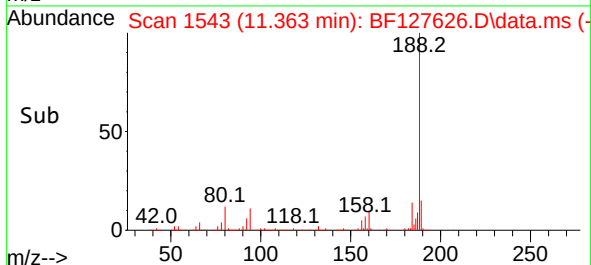
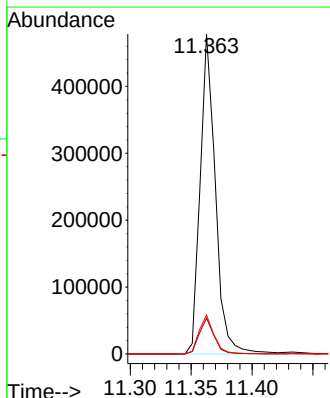
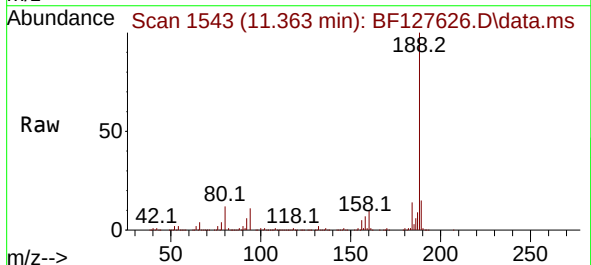
Instrument :
BNA_F
ClientSampleId :
20220342-096-21-03

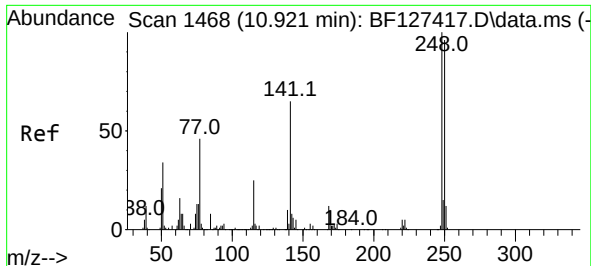
Tgt Ion:165 Resp: 29272
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

Tgt Ion:188 Resp: 416482
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.0#
80 12.2 8.0 12.0#

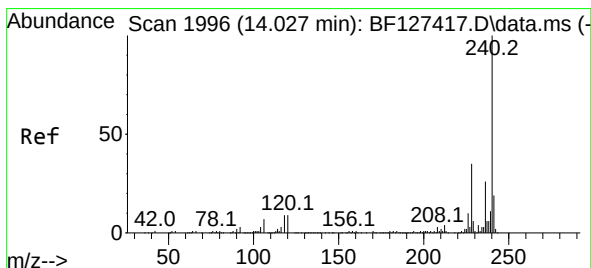
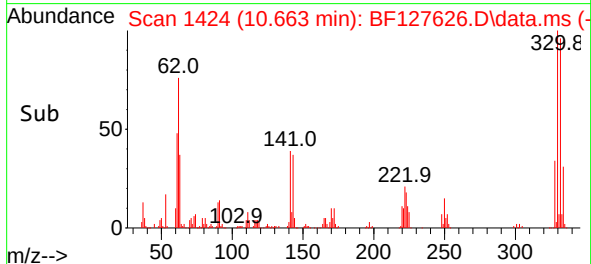
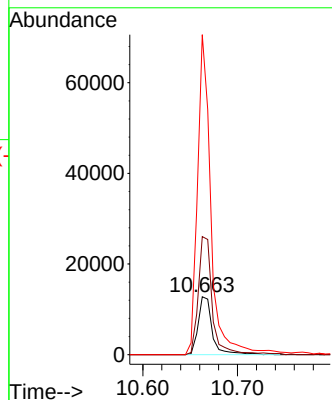
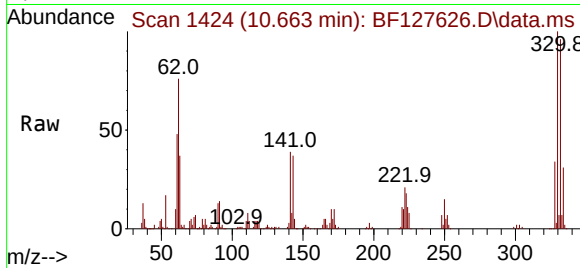




#67
4-Bromophenyl-phenylether
Concen: 2.726 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

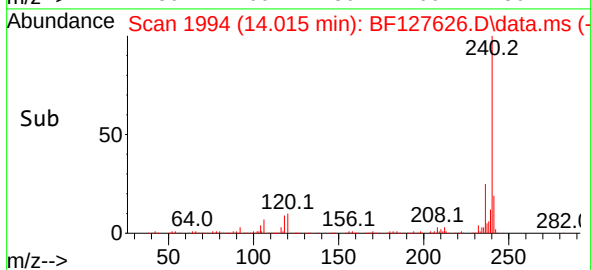
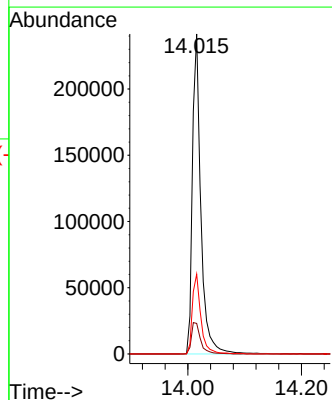
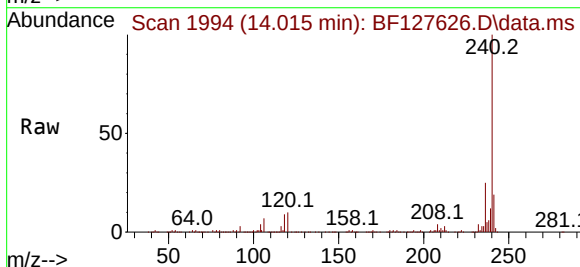
Instrument :
BNA_F
ClientSampleId :
20220342-096-21-03

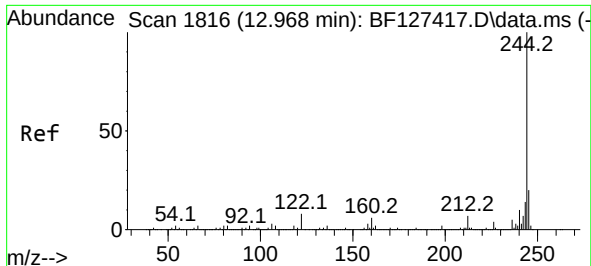
Tgt Ion:248 Resp: 13257
Ion Ratio Lower Upper
248 100
250 204.1 76.6 115.0#
141 552.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127626.D
Acq: 01 Apr 2022 21:57

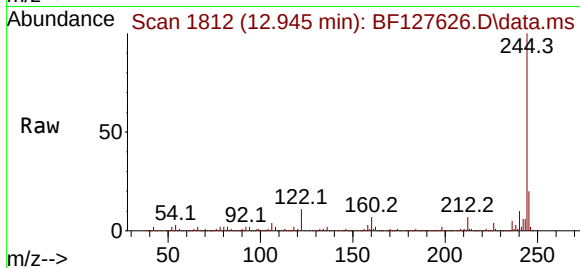
Tgt Ion:240 Resp: 249607
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.0 20.7 31.1



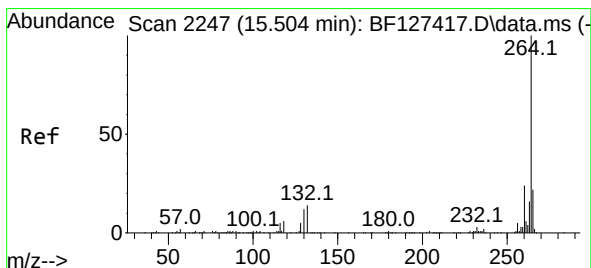
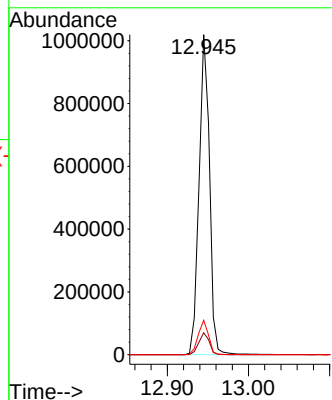
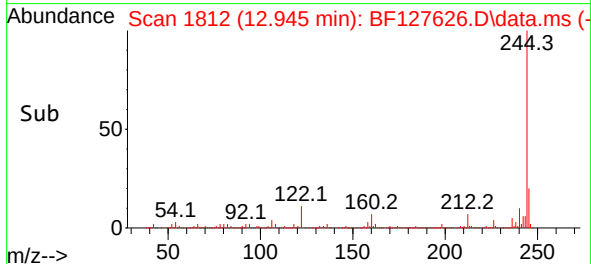


#79
 Terphenyl-d14
 Concen: 60.051 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127626.D
 Acq: 01 Apr 2022 21:57

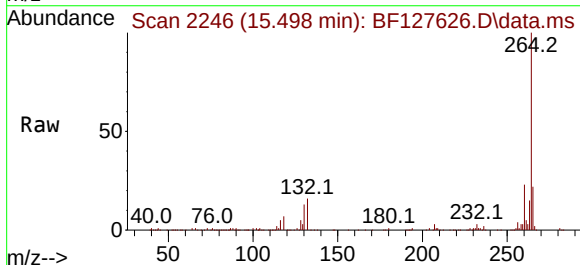
Instrument :
 BNA_F
 ClientSampleId :
 20220342-096-21-03



Tgt Ion:244 Resp: 915631
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.8 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127626.D
 Acq: 01 Apr 2022 21:57



Tgt Ion:264 Resp: 199593
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.4 17.4 26.2

