

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127625.D
 Acq On : 01 Apr 2022 21:27
 Operator : CG\JU
 Sample : N2207-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220341-096-21-02

Quant Time: Apr 01 23:50:01 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)

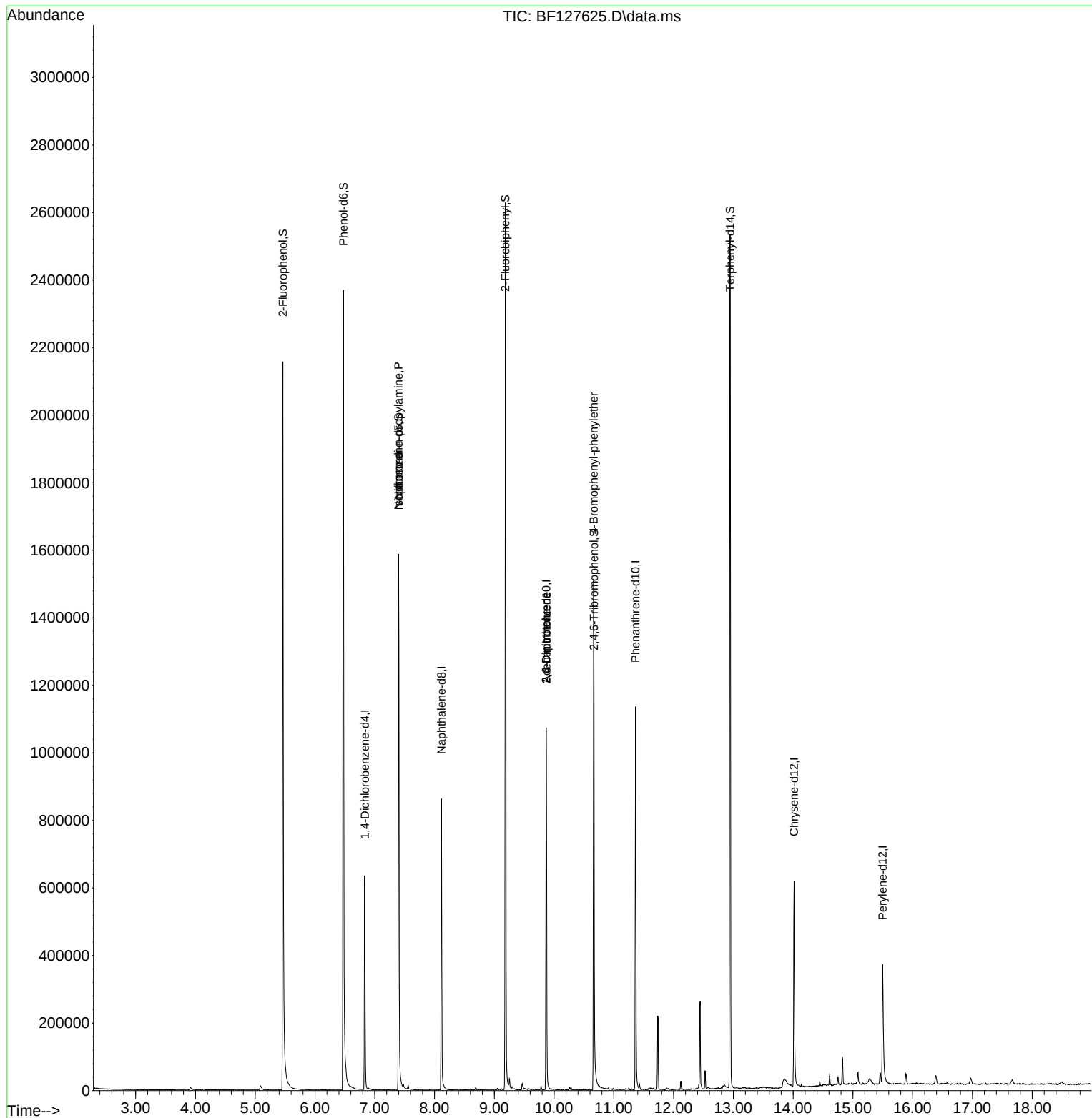
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	96618	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	369110	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	214114	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	388805	20.000	ng	0.00
76) Chrysene-d12	14.015	240	240204	20.000	ng	0.00
86) Perylene-d12	15.498	264	189351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	583514	96.402	ng	0.00
7) Phenol-d6	6.475	99	777508	93.971	ng	0.00
23) Nitrobenzene-d5	7.398	82	520654	60.296	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	184066	80.700	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	834014	56.879	ng	0.00
79) Terphenyl-d14	12.945	244	872380	59.454	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1025	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	67757	13.662	ng	# 80
25) Isophorone	7.398	82	520649	37.857	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	27129	8.676	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	27129	6.741	ng	# 13
58) Fluorene	10.663	166	7728	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.663	248	12425	2.737	ng	# 1

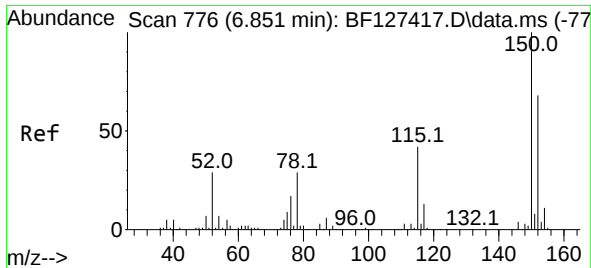
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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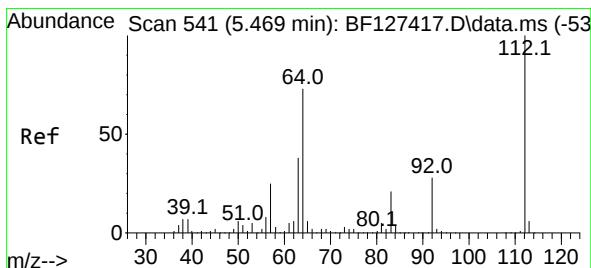
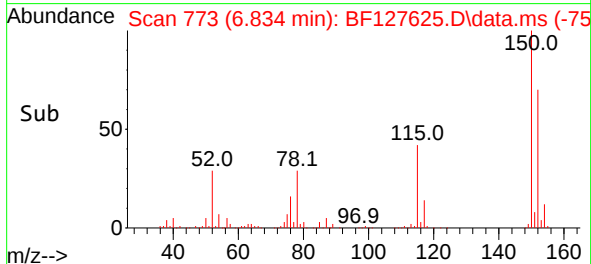
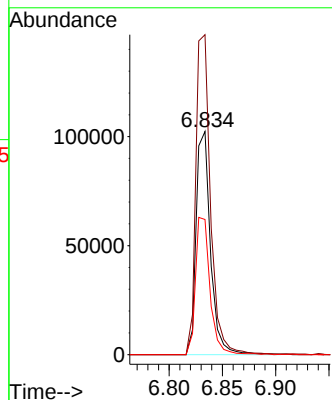
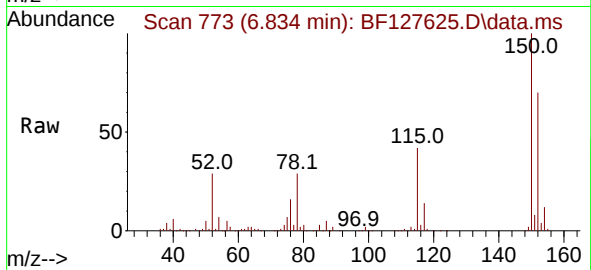




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127625.D
 Acq: 01 Apr 2022 21:27

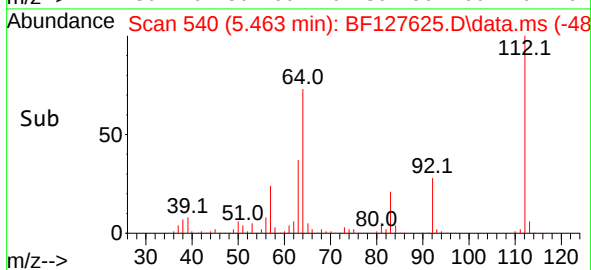
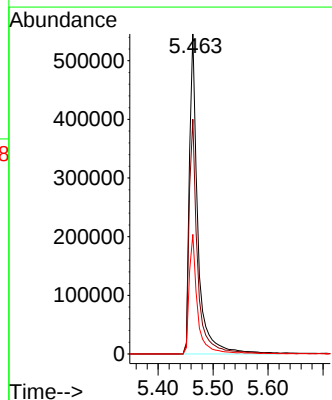
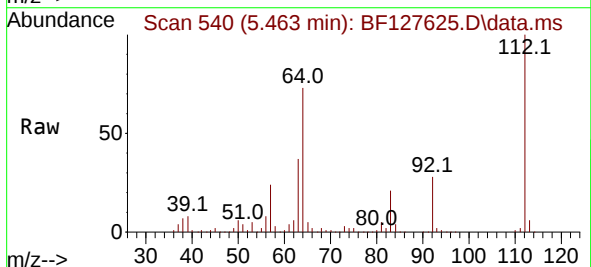
Instrument :
 BNA_F
 ClientSampleId :
 20220341-096-21-02

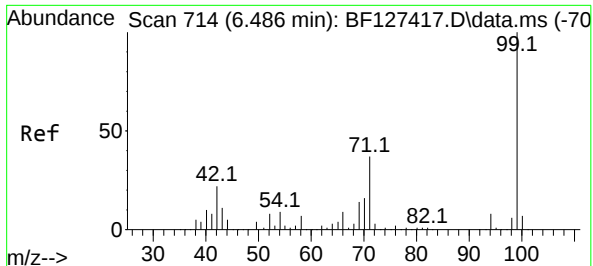
Tgt Ion:152 Resp: 96618
 Ion Ratio Lower Upper
 152 100
 150 143.4 117.2 175.8
 115 60.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 96.402 ng
 RT: 5.463 min Scan# 540
 Delta R.T. 0.006 min
 Lab File: BF127625.D
 Acq: 01 Apr 2022 21:27

Tgt Ion:112 Resp: 583514
 Ion Ratio Lower Upper
 112 100
 64 73.4 58.4 87.6
 63 37.4 30.1 45.1

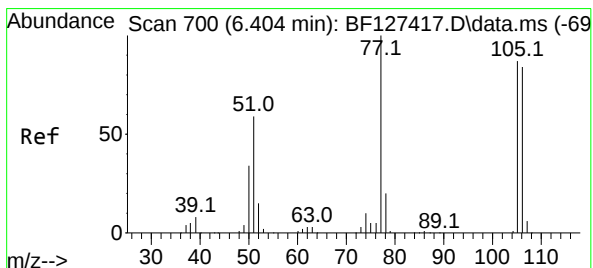
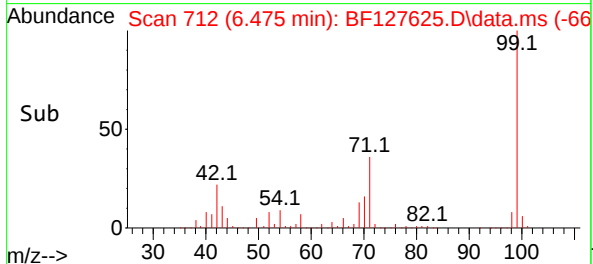
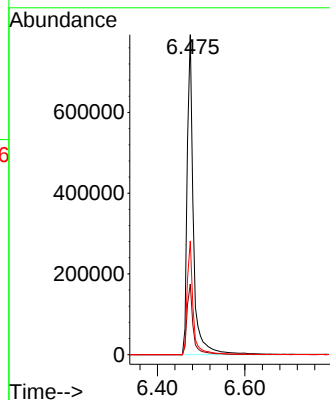
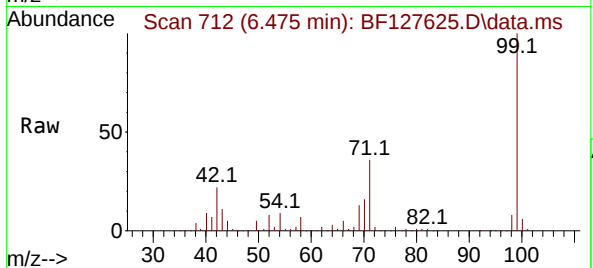




#7
Phenol-d6
Concen: 93.971 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

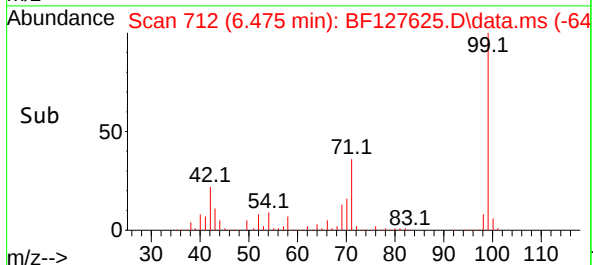
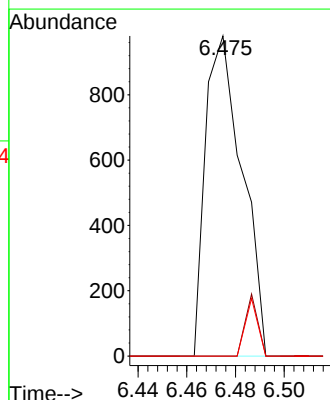
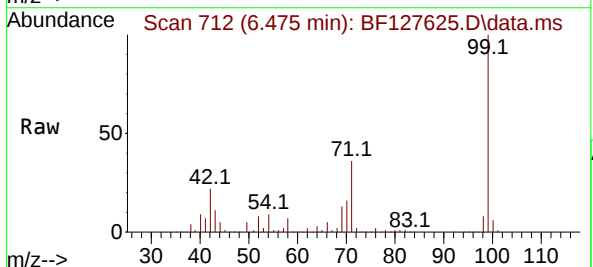
Instrument :
BNA_F
ClientSampleId :
20220341-096-21-02

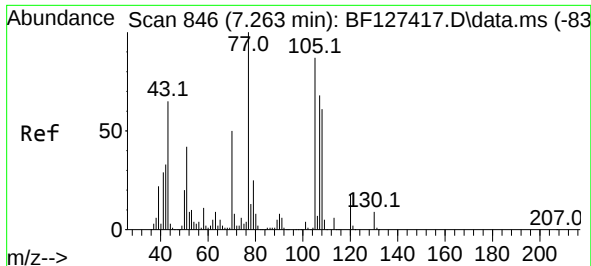
Tgt Ion: 99 Resp: 777508
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 35.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.082 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

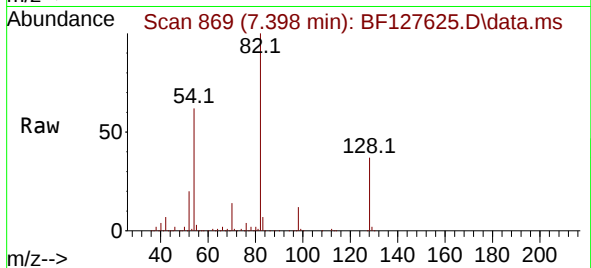
Tgt Ion: 77 Resp: 1025
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



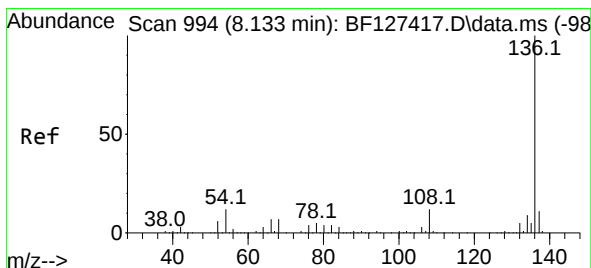
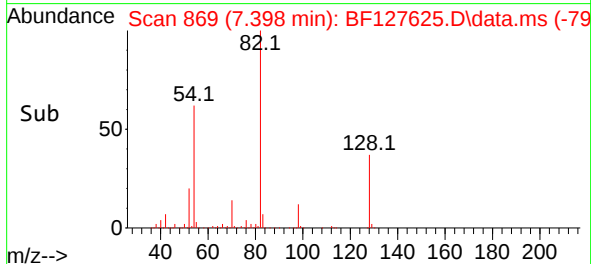
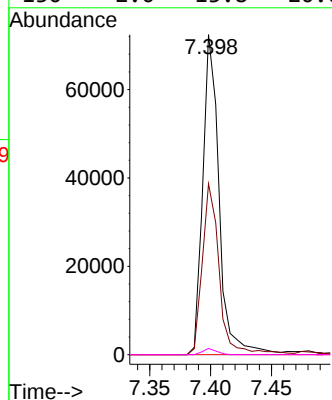


#19
n-Nitroso-di-n-propylamine
Concen: 13.662 ng
RT: 7.398 min Scan# 810
Delta R.T. 0.147 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Instrument :
BNA_F
ClientSampleId :
20220341-096-21-02

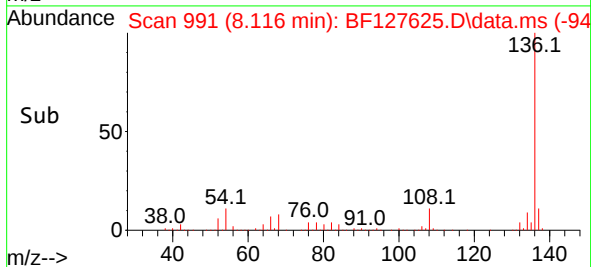
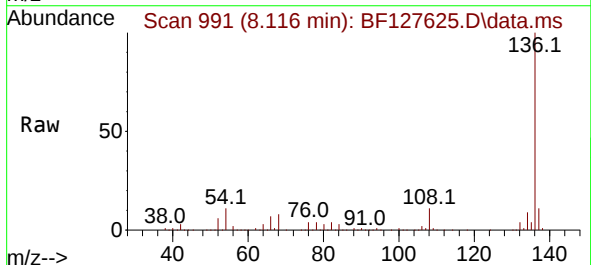
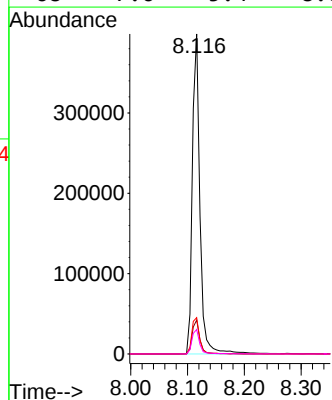


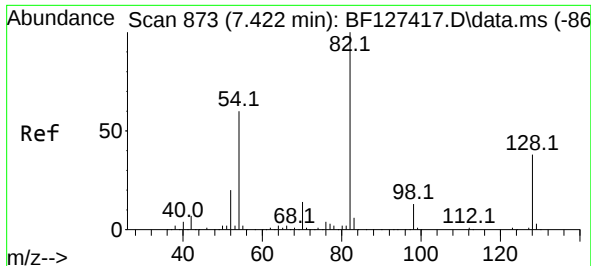
Tgt Ion:	70	Resp:	67757
Ion	Ratio	Lower	Upper
70	100		
42	53.4	53.0	79.6
101	0.0	6.8	10.2#
130	2.0	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Tgt Ion:	136	Resp:	369110
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	11.3	9.2	13.8
68	7.6	5.4	8.0

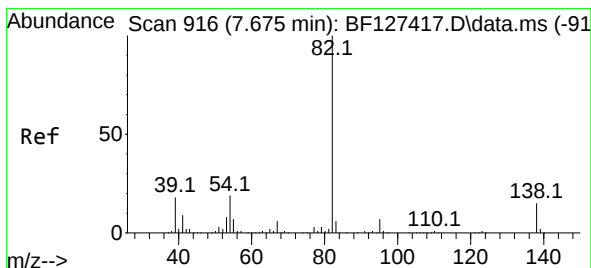
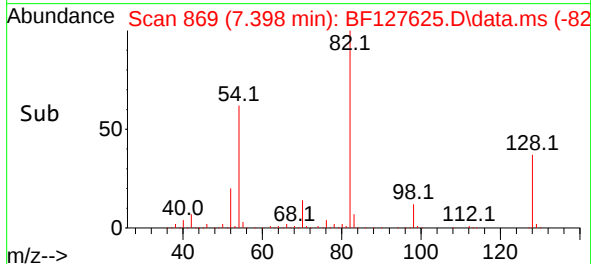
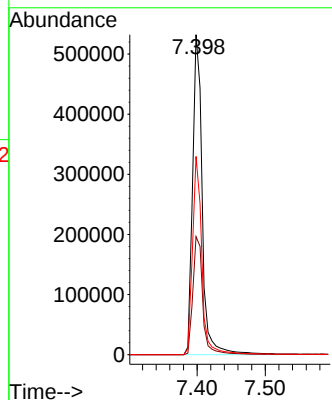
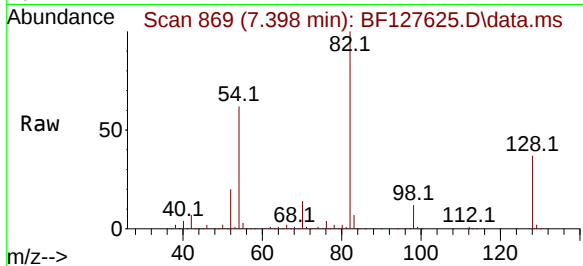




#23
Nitrobenzene-d5
Concen: 60.296 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

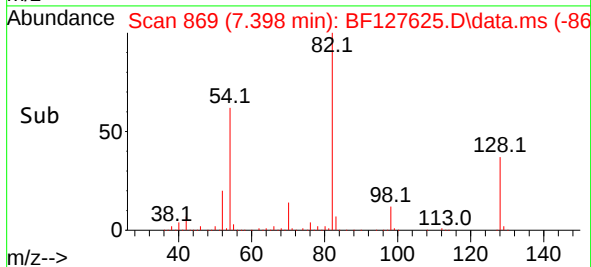
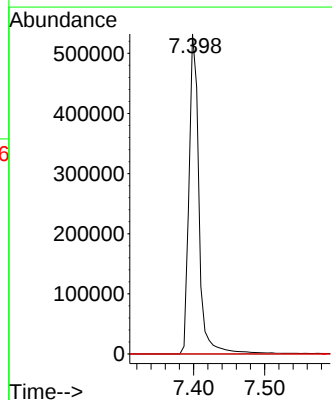
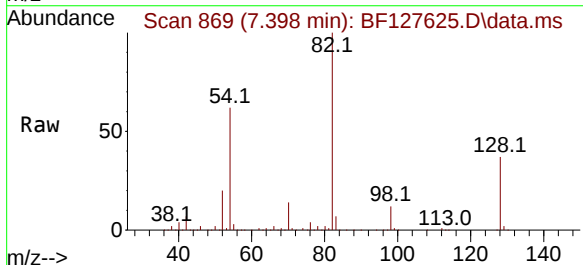
Instrument :
BNA_F
ClientSampleId :
20220341-096-21-02

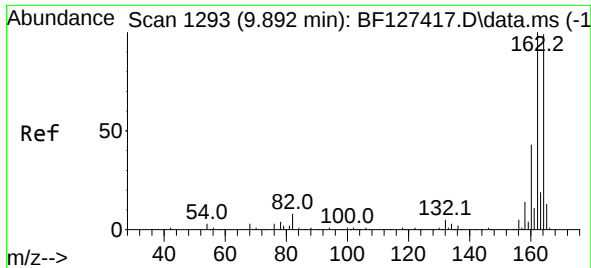
Tgt Ion: 82 Resp: 520654
Ion Ratio Lower Upper
82 100
128 36.9 30.6 45.8
54 61.9 48.2 72.2



#25
Isophorone
Concen: 37.857 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Tgt Ion: 82 Resp: 520649
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

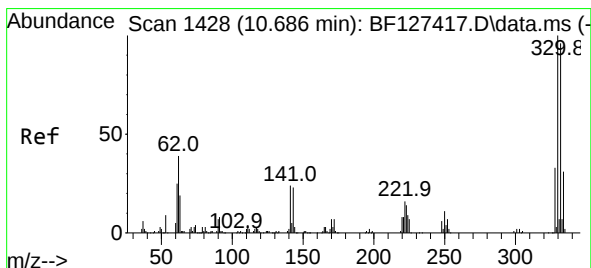
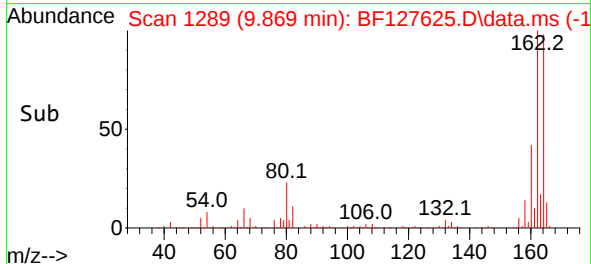
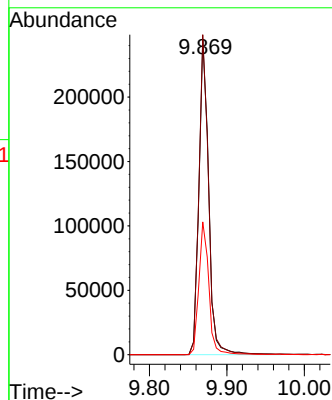
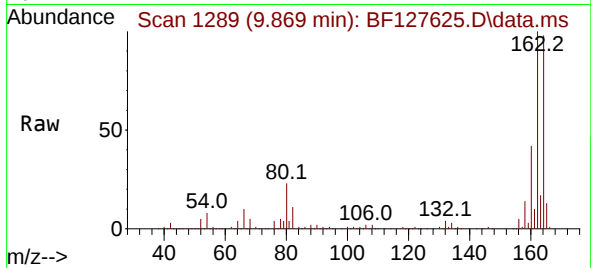




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

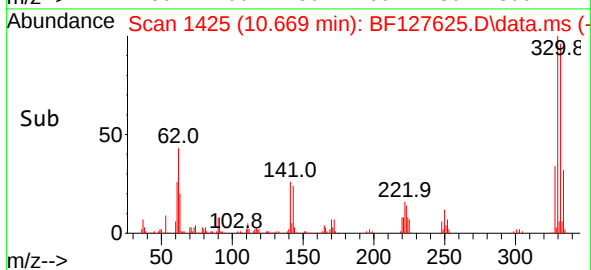
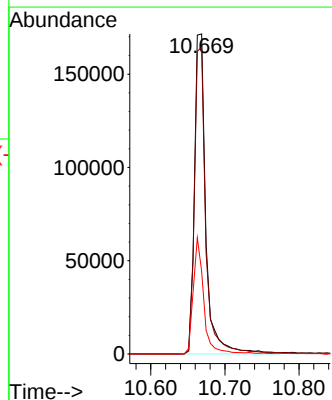
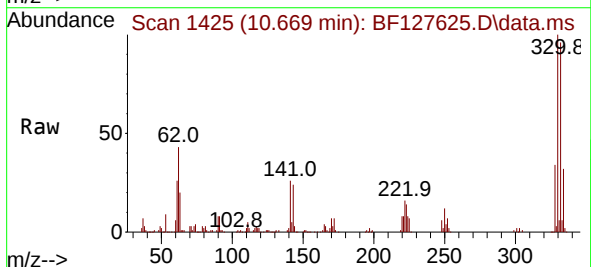
Instrument :
BNA_F
ClientSampleId :
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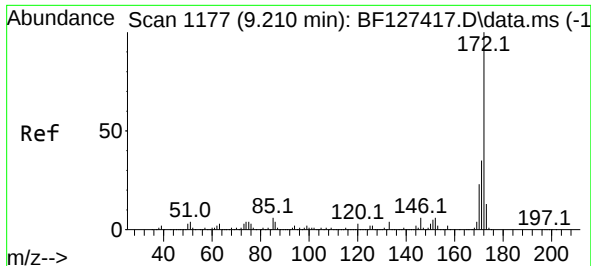
Tgt Ion:164 Resp: 214114
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 42.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 80.700 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Tgt Ion:330 Resp: 184066
Ion Ratio Lower Upper
330 100
332 95.4 79.1 118.7
141 33.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 56.879 ng

RT: 9.186 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127625.D

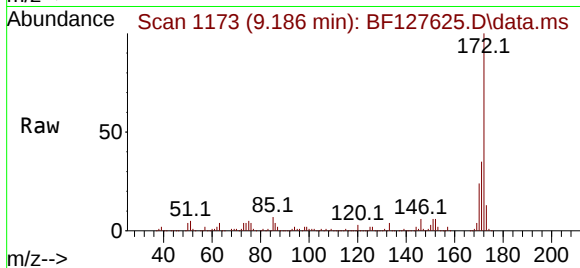
Acq: 01 Apr 2022 21:27

Instrument :

BNA_F

ClientSampleId :

20220341-096-21-02



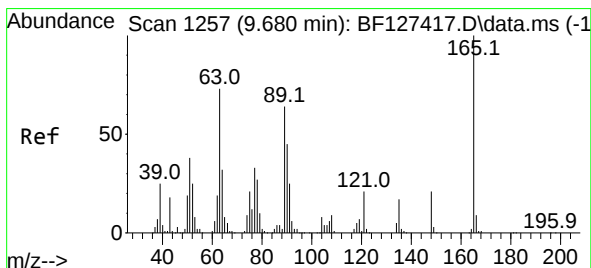
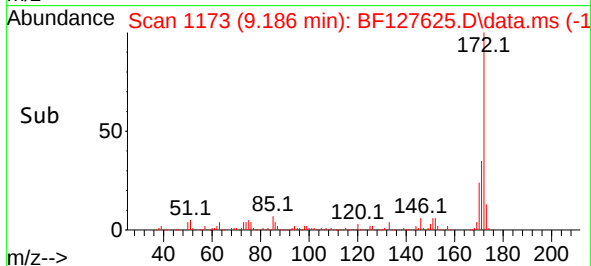
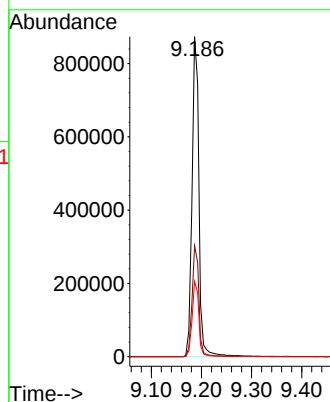
Tgt Ion:172 Resp: 834014

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.676 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127625.D

Acq: 01 Apr 2022 21:27

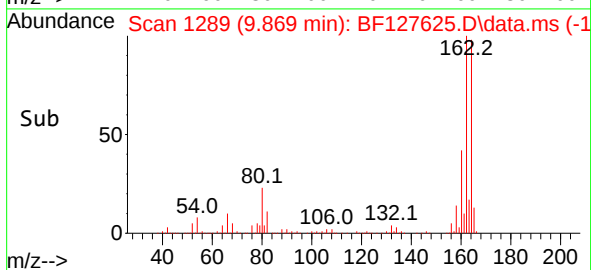
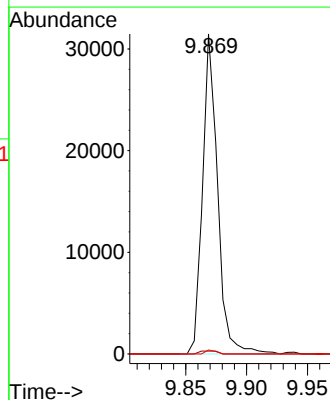
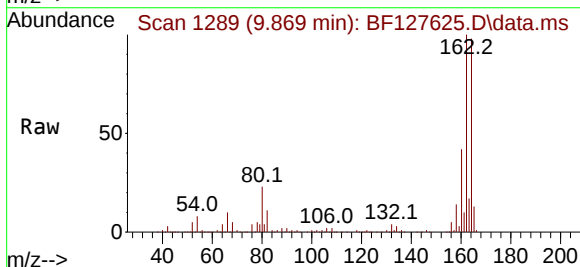
Tgt Ion:165 Resp: 27129

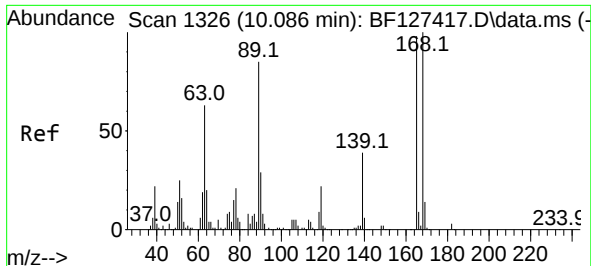
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

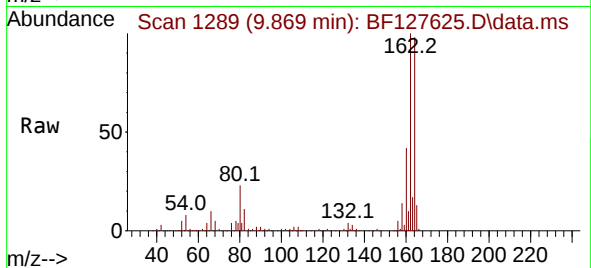
89 1.2 51.5 77.3#



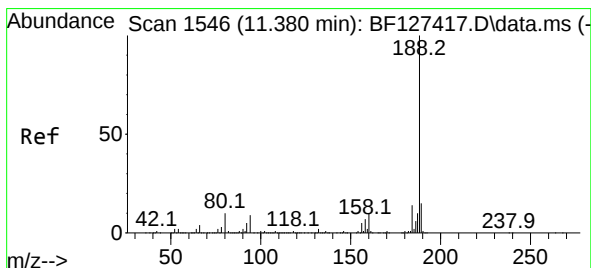
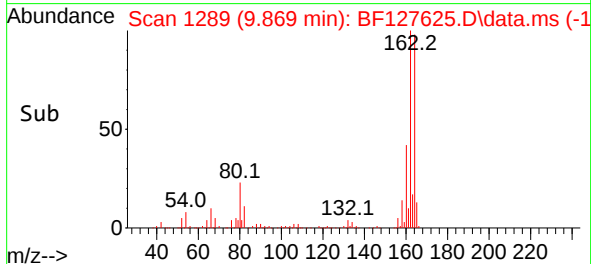
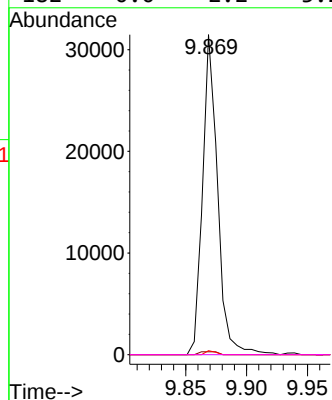


#57
2,4-Dinitrotoluene
Concen: 6.741 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Instrument :
BNA_F
ClientSampleId :
20220341-096-21-02

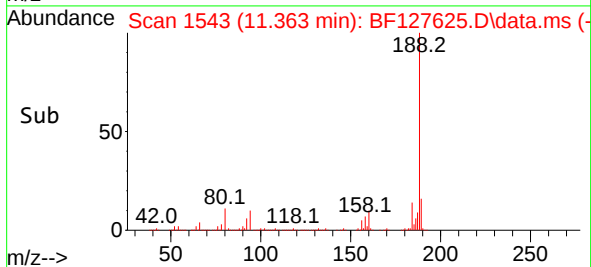
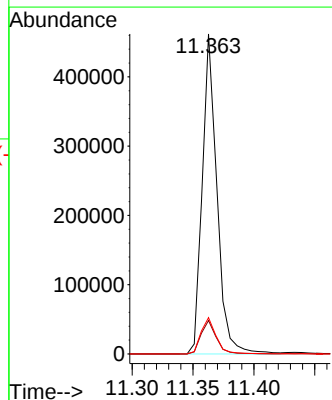
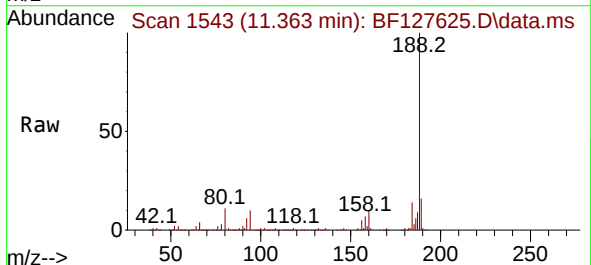


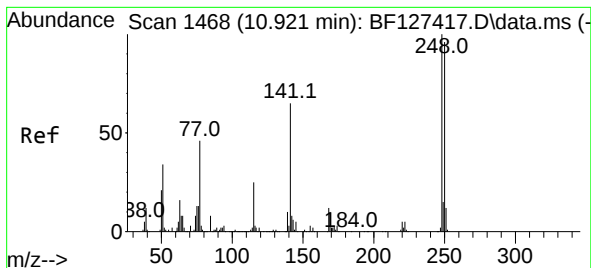
Tgt Ion:165 Resp: 27129
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

Tgt Ion:188 Resp: 388805
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 11.4 8.0 12.0

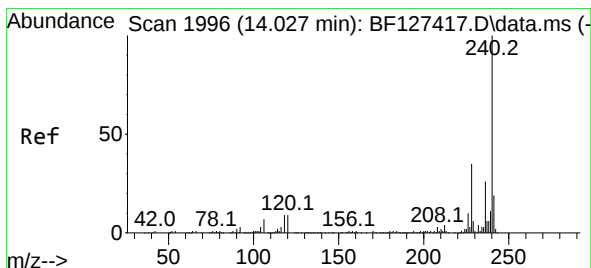
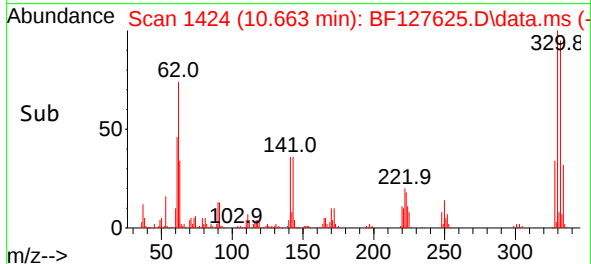
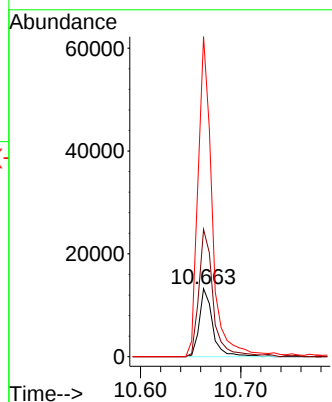
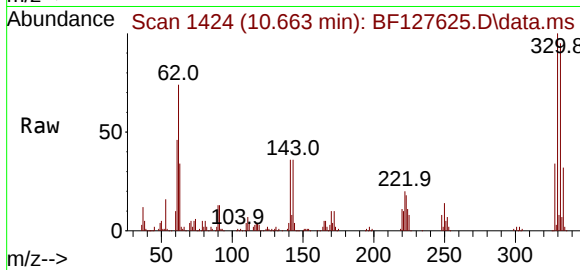




#67
4-Bromophenyl-phenylether
Concen: 2.737 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

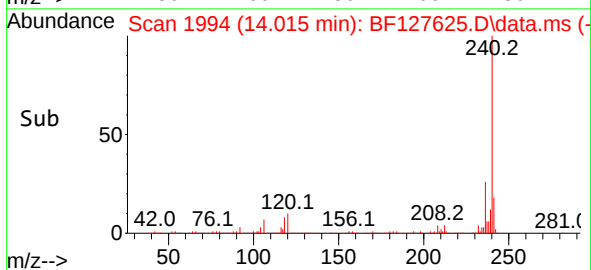
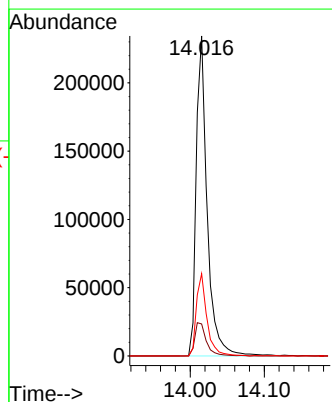
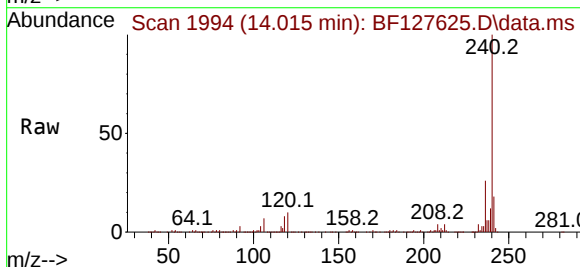
Instrument :
BNA_F
ClientSampleId :
20220341-096-21-02

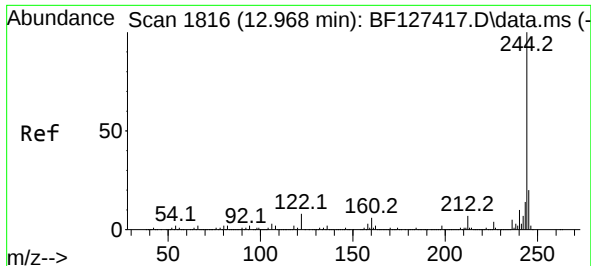
Tgt Ion:248 Resp: 12425
Ion Ratio Lower Upper
248 100
250 187.3 76.6 115.0#
141 470.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127625.D
Acq: 01 Apr 2022 21:27

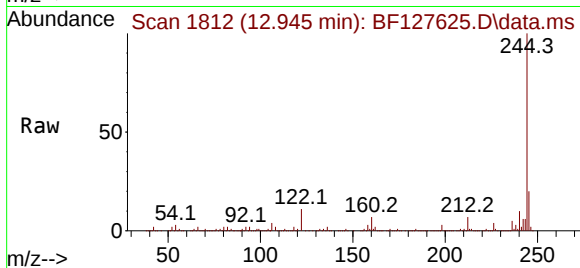
Tgt Ion:240 Resp: 240204
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.7 20.7 31.1



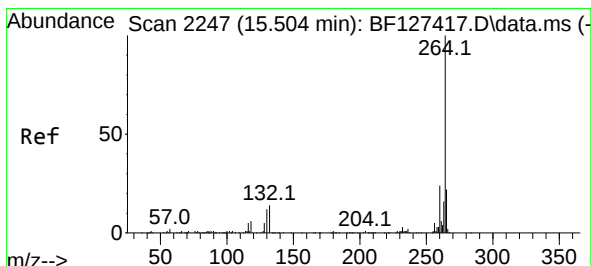
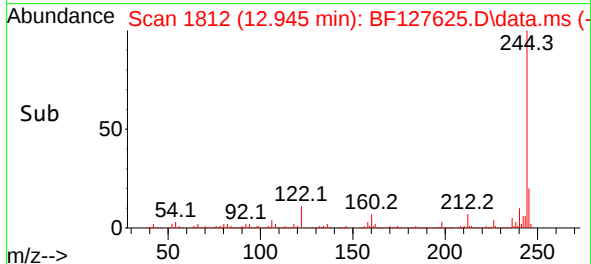
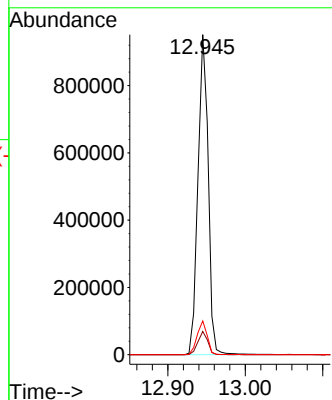


#79
 Terphenyl-d14
 Concen: 59.454 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127625.D
 Acq: 01 Apr 2022 21:27

Instrument :
 BNA_F
 ClientSampleId :
 20220341-096-21-02



Tgt Ion:244 Resp: 872380
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.5 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: BF127625.D
 Acq: 01 Apr 2022 21:27

Tgt Ion:264 Resp: 189351
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.0 17.4 26.2

