

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127524.D
 Acq On : 25 Mar 2022 13:05
 Operator : CG\JU
 Sample : N2064-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220281-FIELD-BLANK

Quant Time: Mar 25 17:26:06 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 22 02:16:33 2022
 Response via : Initial Calibration

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

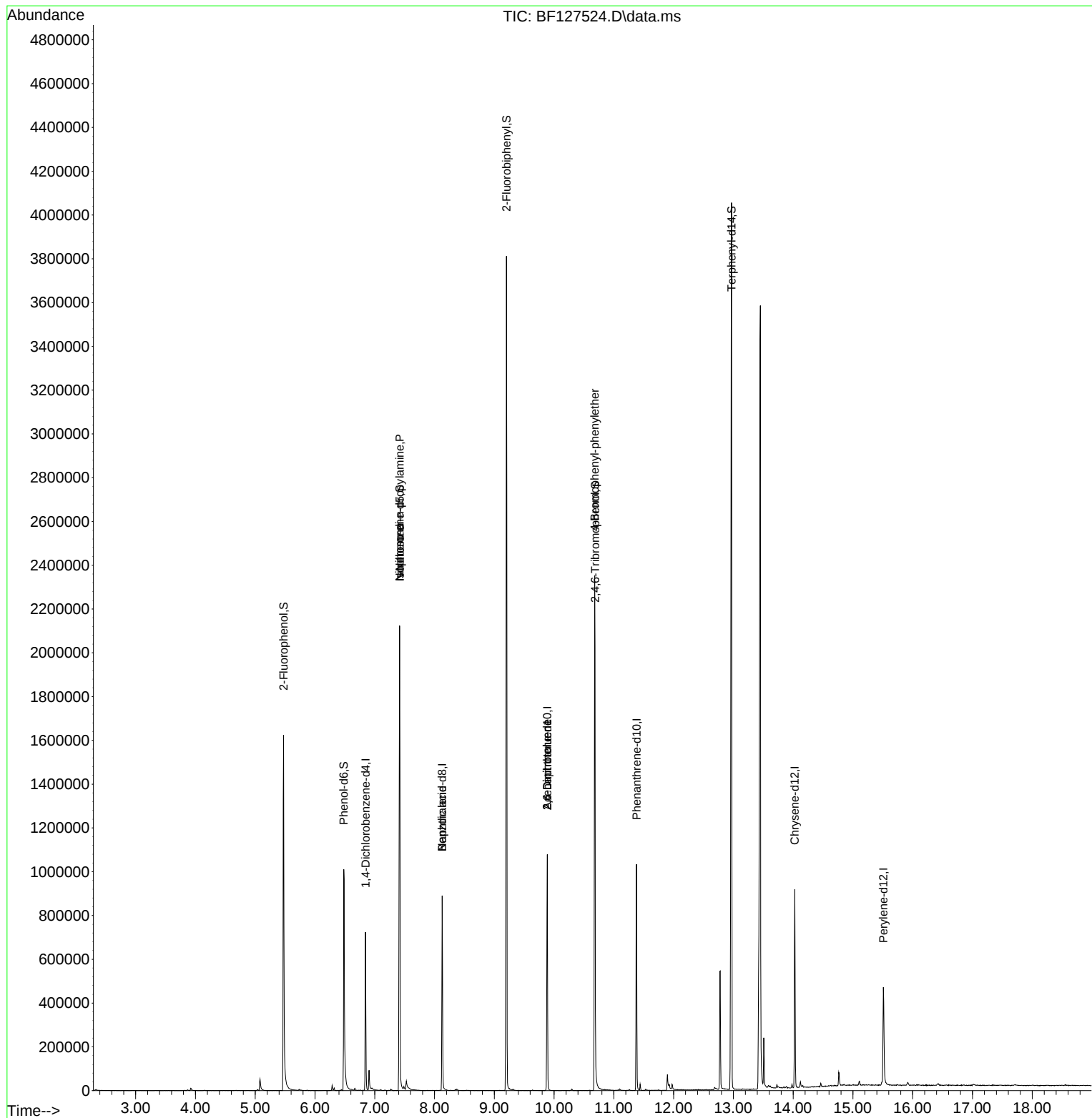
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95344	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	353426	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	210995	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	389784	20.000	ng	0.00
76) Chrysene-d12	14.027	240	300382	20.000	ng	0.00
86) Perylene-d12	15.510	264	217474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	427196	71.520	ng	0.00
7) Phenol-d6	6.481	99	379747	46.510	ng	0.00
23) Nitrobenzene-d5	7.416	82	750620	90.785	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	299167	133.103	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1236228	85.556	ng	0.00
79) Terphenyl-d14	12.969	244	1613413	87.928	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	545	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	101498	20.739	ng	# 81
25) Isophorone	7.416	82	750613	57.000	ng	# 70
32) Benzoic acid	8.128	122	64	6.062	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	26429	8.577	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	26429	6.664	ng	# 14
58) Fluorene	10.680	166	11500	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.680	248	19318	4.245	ng	# 1

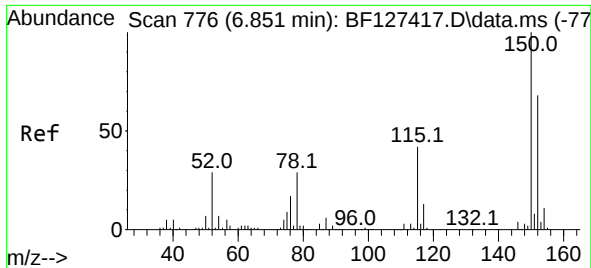
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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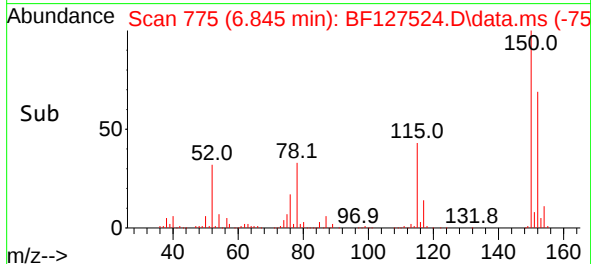
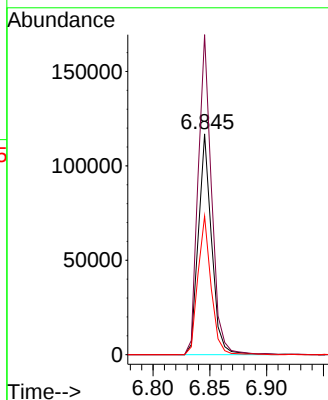
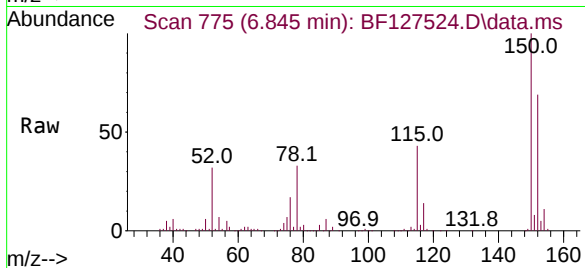




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

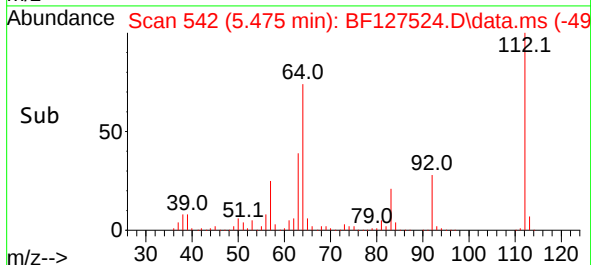
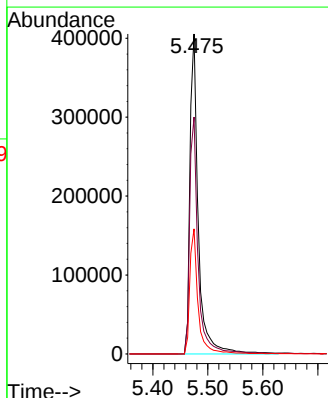
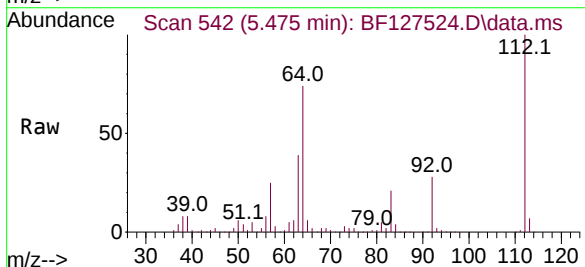
Instrument :
BNA_F
ClientSampleId :
20220281-FIELD-BLANK

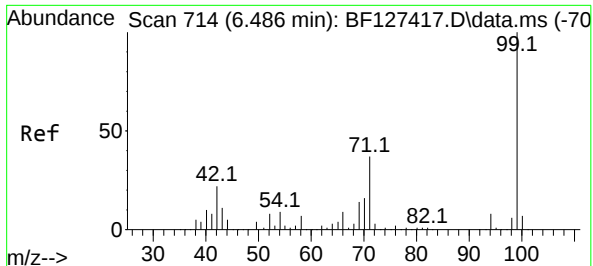
Tgt Ion:152 Resp: 95344
Ion Ratio Lower Upper
152 100
150 144.9 117.2 175.8
115 62.8 49.8 74.6



#5
2-Fluorophenol
Concen: 71.520 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion:112 Resp: 427196
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 39.1 30.1 45.1





#7

Phenol-d6

Concen: 46.510 ng

RT: 6.481 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127524.D

Acq: 25 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

20220281-FIELD-BLANK

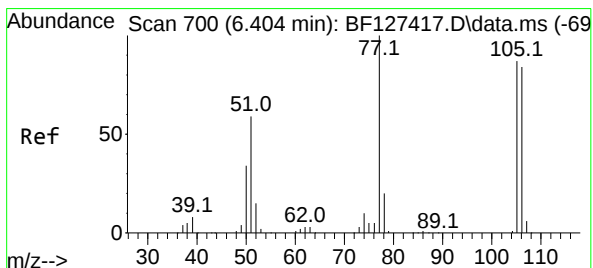
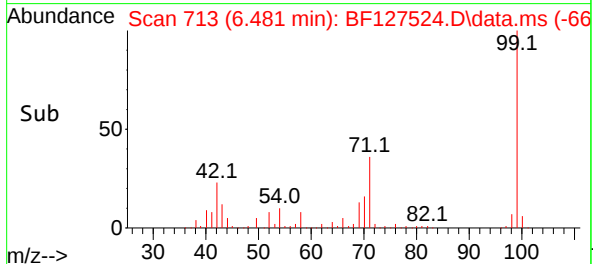
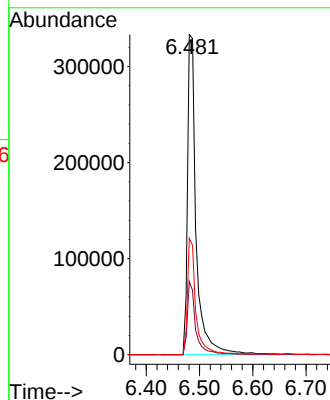
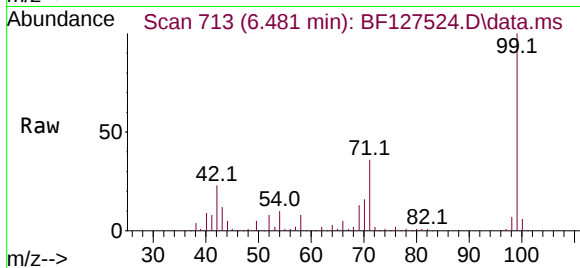
Tgt Ion: 99 Resp: 379747

Ion Ratio Lower Upper

99 100

42 22.9 17.8 26.6

71 36.4 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.487 min Scan# 714

Delta R.T. 0.083 min

Lab File: BF127524.D

Acq: 25 Mar 2022 13:05

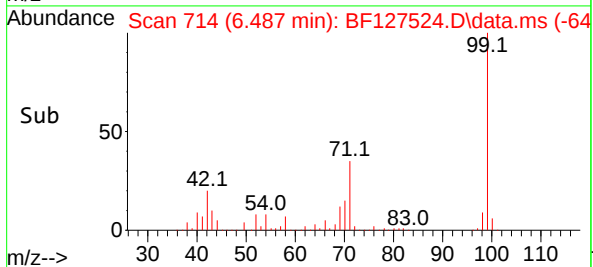
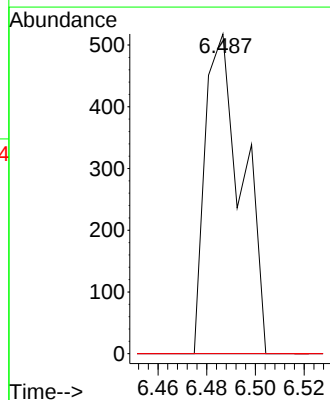
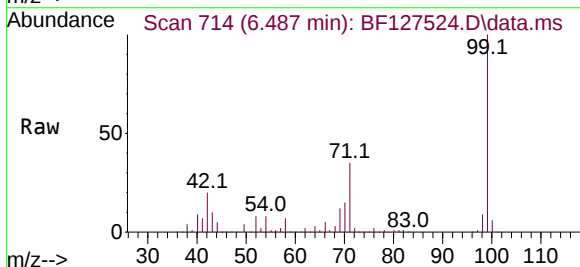
Tgt Ion: 77 Resp: 545

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

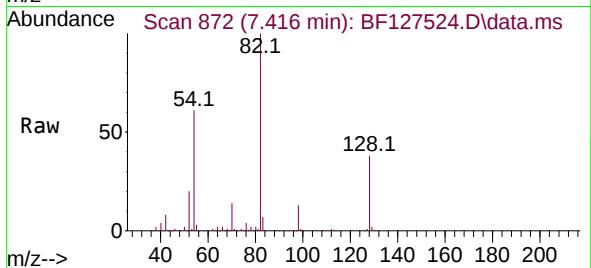
106 0.0 64.3 104.3#



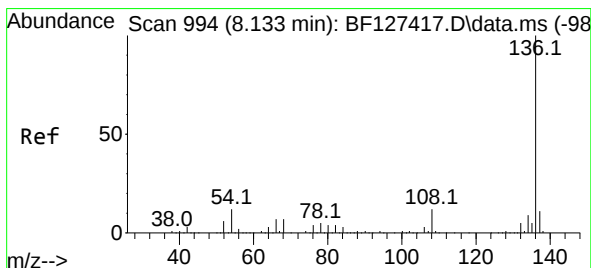
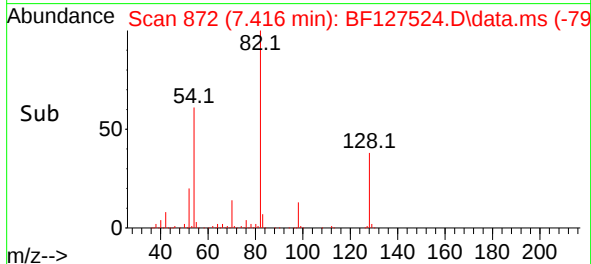
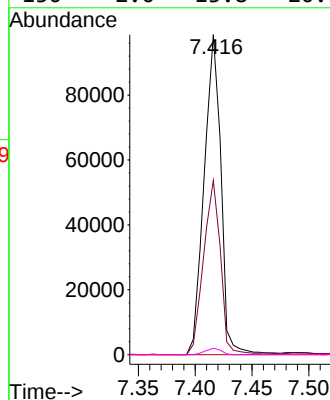


#19
n-Nitroso-di-n-propylamine
Concen: 20.739 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Instrument :
BNA_F
ClientSampleId :
20220281-FIELD-BLANK

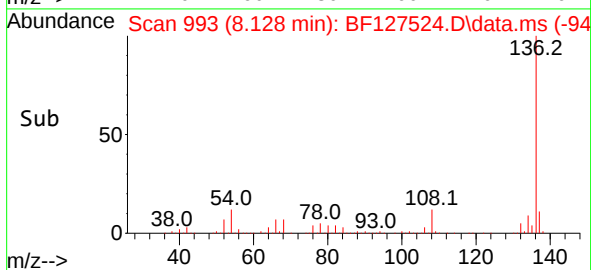
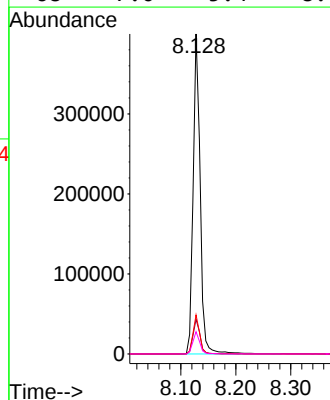
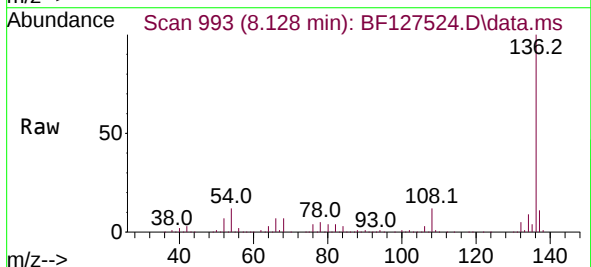


Tgt Ion: 70 Resp: 101498
Ion Ratio Lower Upper
70 100
42 54.5 53.0 79.6
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion: 136 Resp: 353426
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 12.2 9.2 13.8
68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 90.785 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127524.D

Acq: 25 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

20220281-FIELD-BLANK

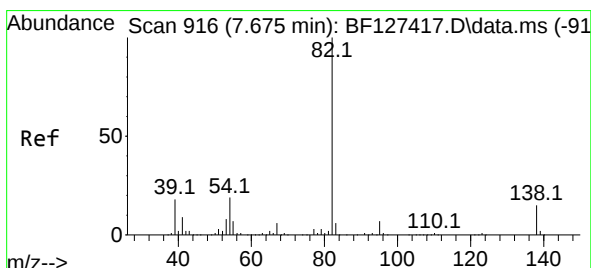
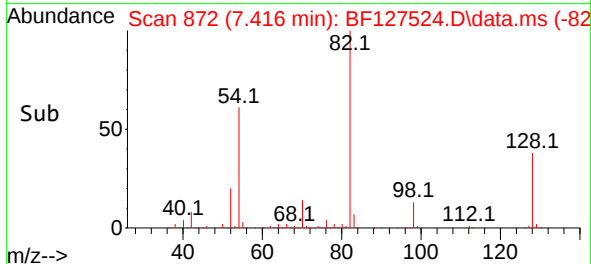
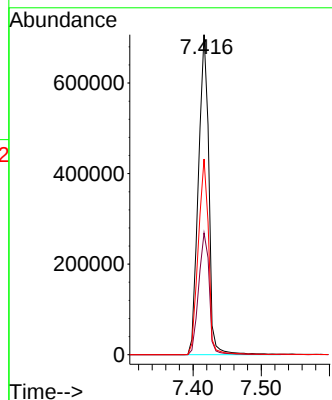
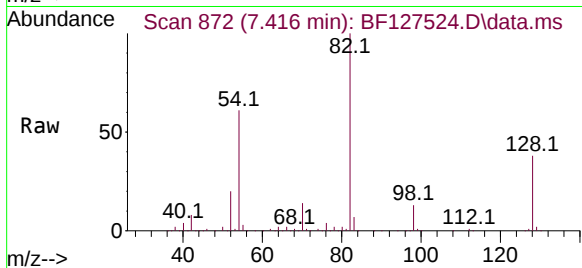
Tgt Ion: 82 Resp: 750620

Ion Ratio Lower Upper

82 100

128 38.1 30.6 45.8

54 61.1 48.2 72.2



#25

Isophorone

Concen: 57.000 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127524.D

Acq: 25 Mar 2022 13:05

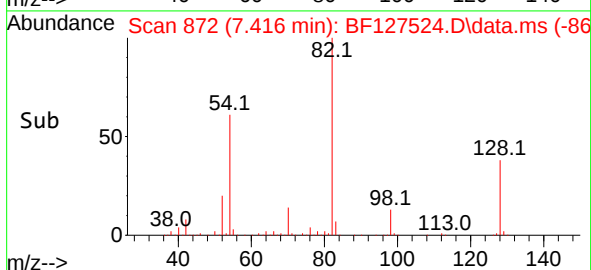
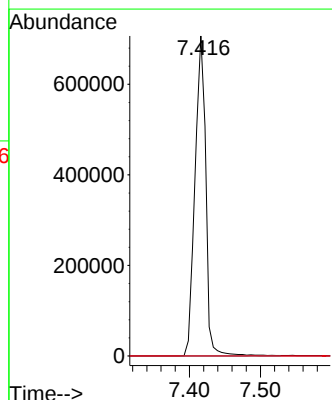
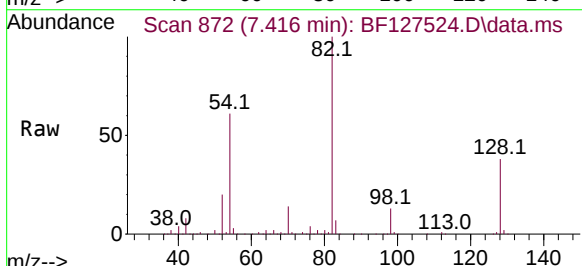
Tgt Ion: 82 Resp: 750613

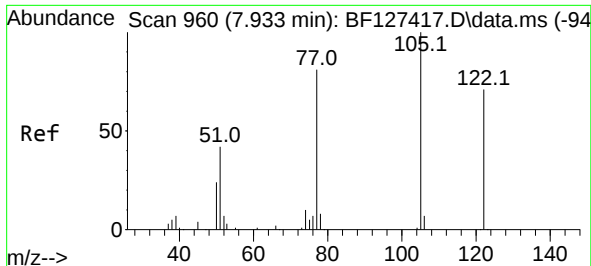
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

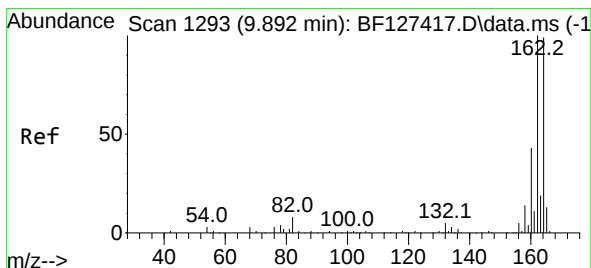
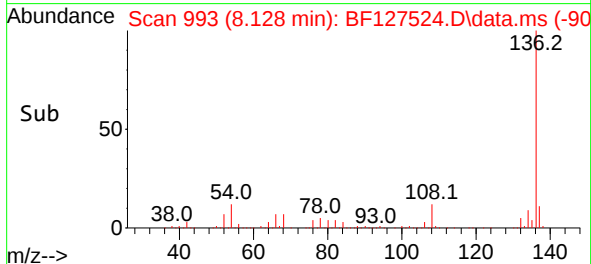
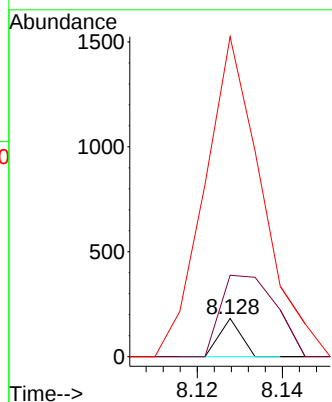
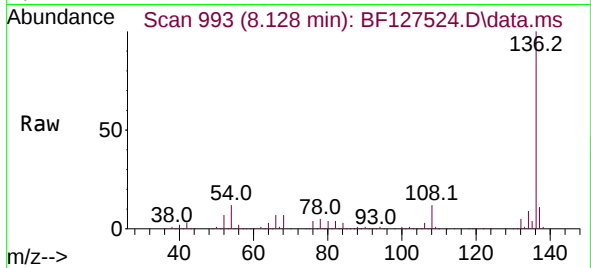




#32
Benzoic acid
Concen: 6.062 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

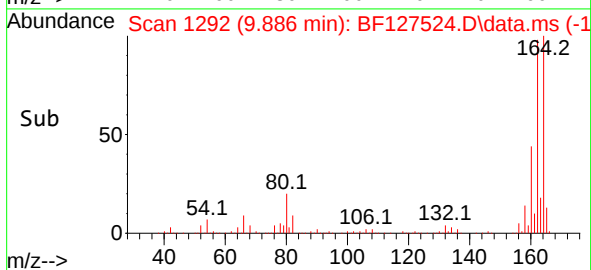
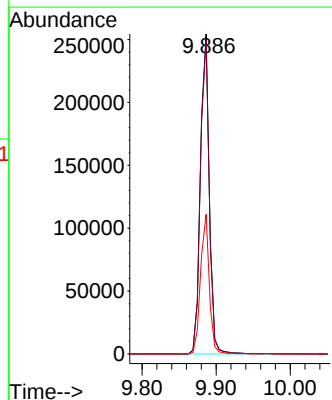
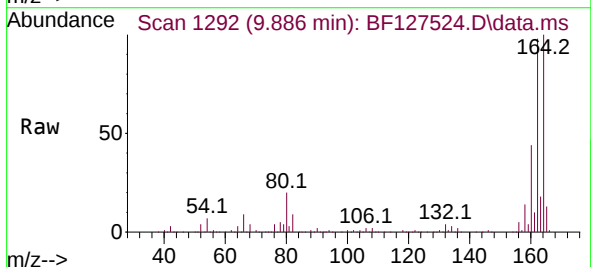
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BNA_F
ClientSampleId :
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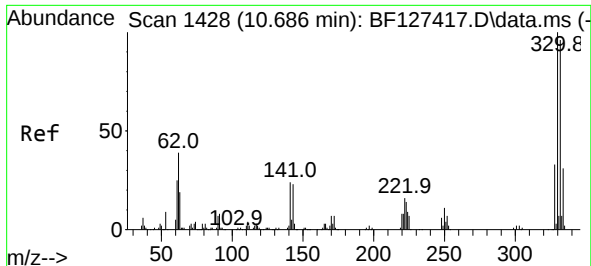
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 213.2 117.1 157.1#
77 837.9 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion:164 Resp: 210995
Ion Ratio Lower Upper
164 100
162 98.0 81.2 121.8
160 43.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 133.103 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127524.D

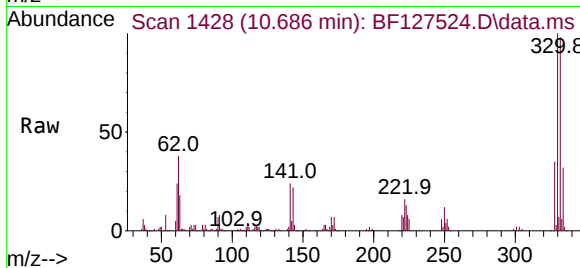
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Instrument :

BNA_F

ClientSampleId :

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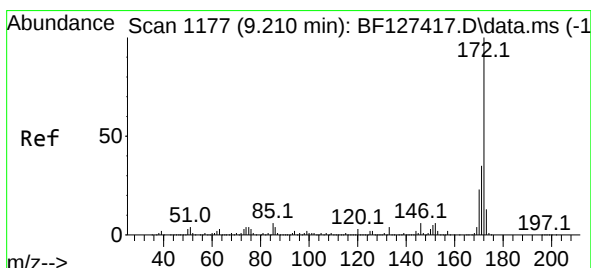
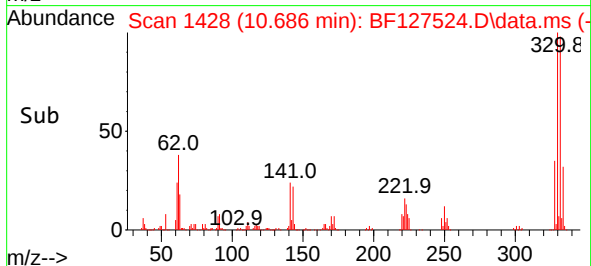
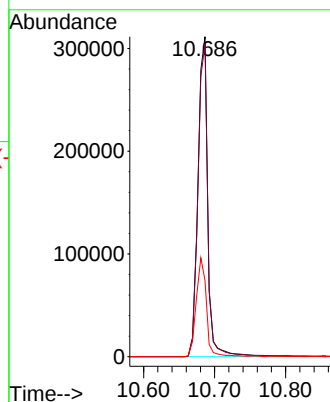
Tgt Ion:330 Resp: 299167

Ion Ratio Lower Upper

330 100

332 98.4 79.1 118.7

141 32.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 85.556 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127524.D

Acq: 25 Mar 2022 13:05

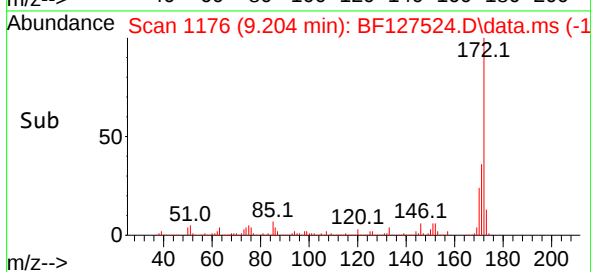
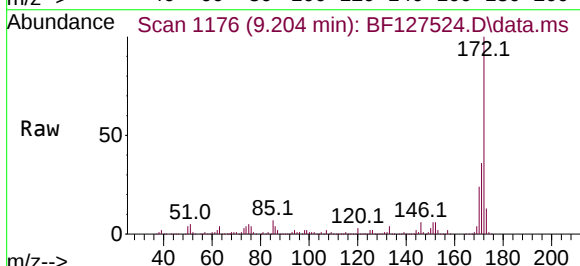
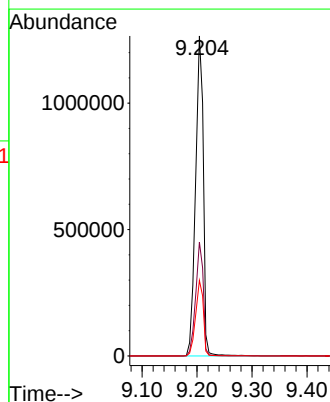
Tgt Ion:172 Resp: 1236228

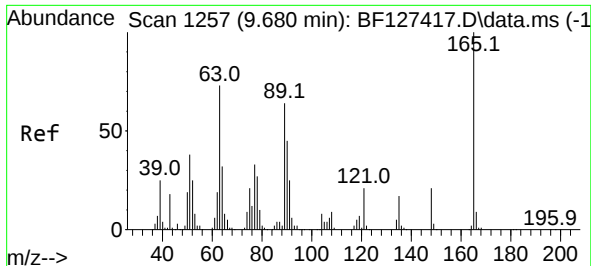
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.6 18.6 27.8

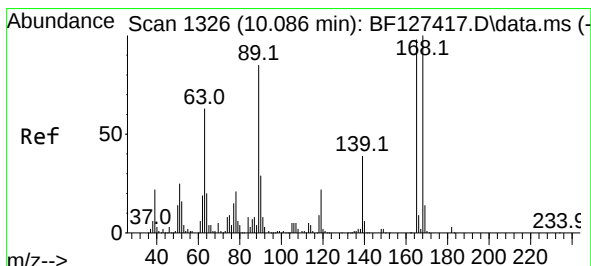
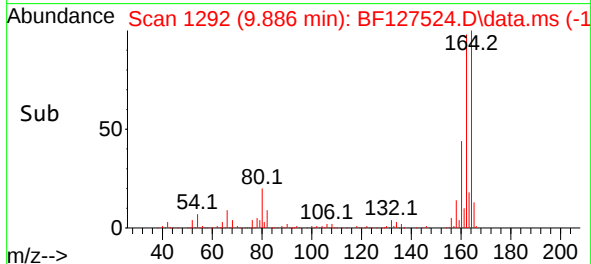
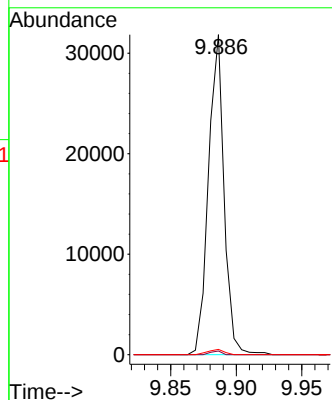
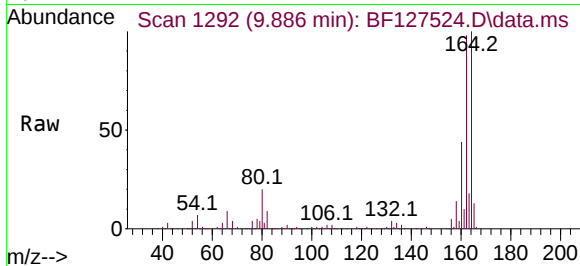




#51
2,6-Dinitrotoluene
Concen: 8.577 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

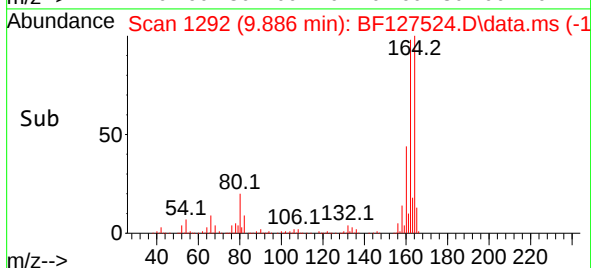
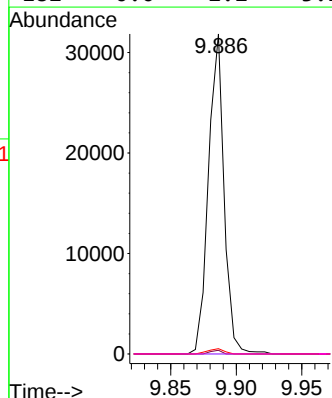
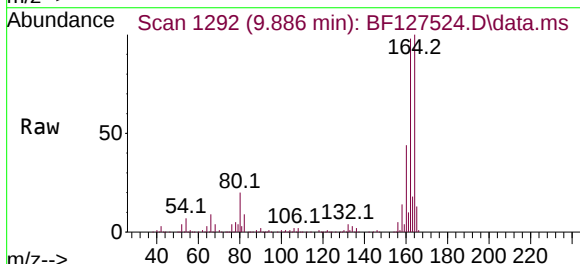
Instrument :
BNA_F
ClientSampleId :
20220281-FIELD-BLANK

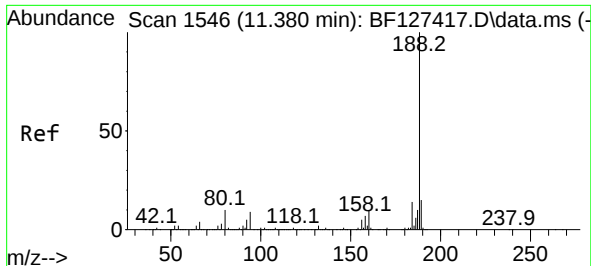
Tgt Ion:165 Resp: 26429
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.7 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.664 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion:165 Resp: 26429
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#

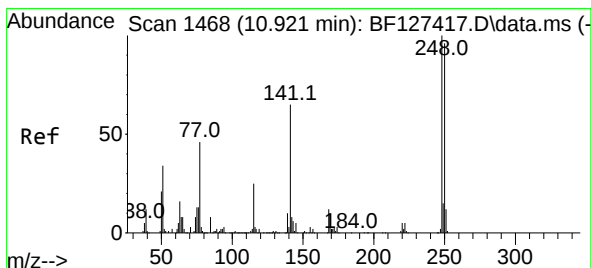
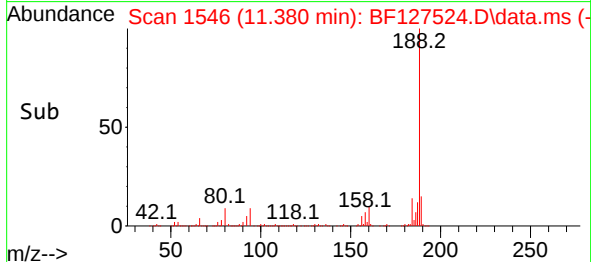
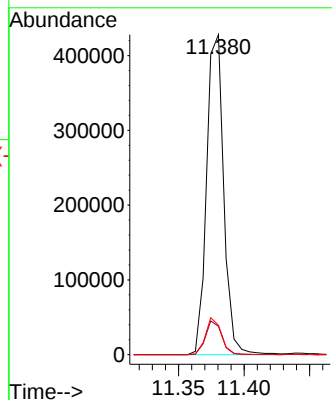
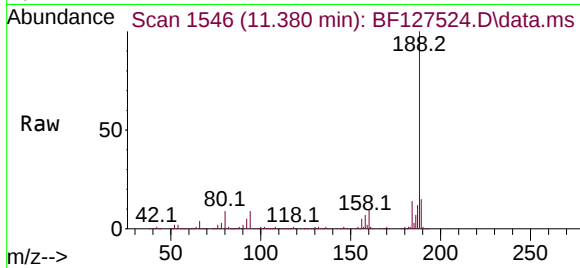




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

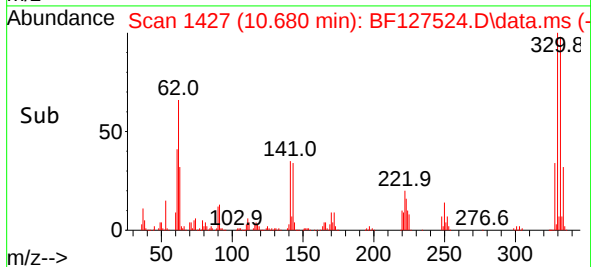
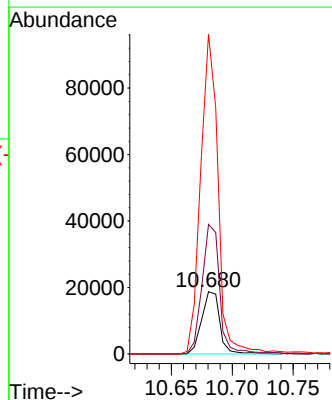
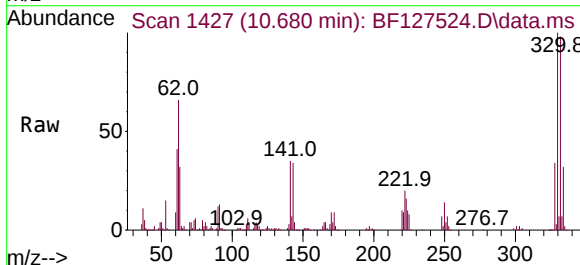
Instrument :
BNA_F
ClientSampleId :
20220281-FIELD-BLANK

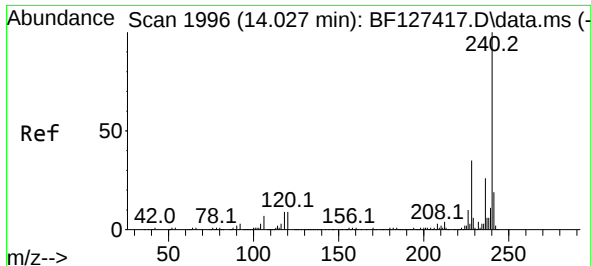
Tgt Ion:188 Resp: 389784
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.245 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion:248 Resp: 19318
Ion Ratio Lower Upper
248 100
250 208.4 76.6 115.0#
141 514.6 52.2 78.2#

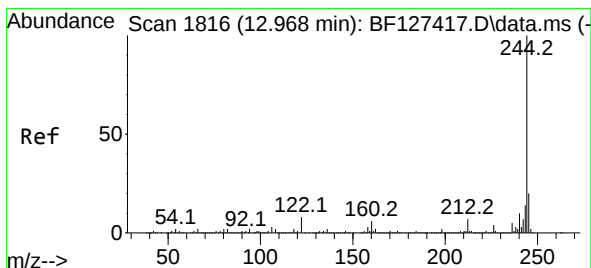
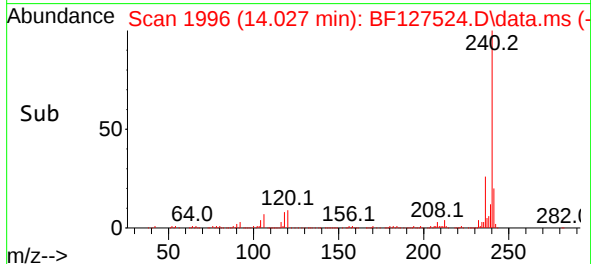
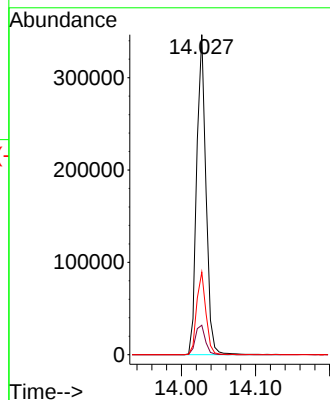
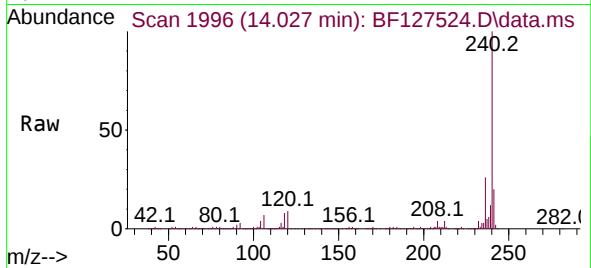




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

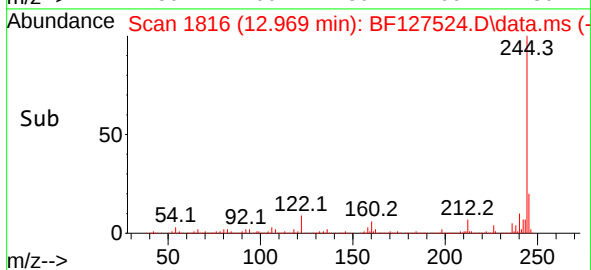
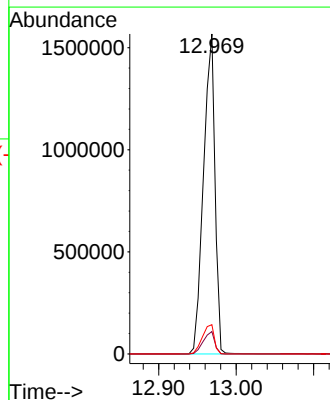
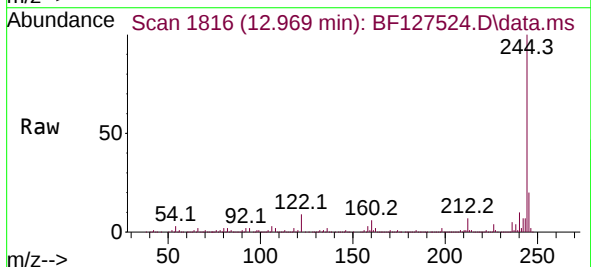
Instrument :
BNA_F
ClientSampleId :
20220281-FIELD-BLANK

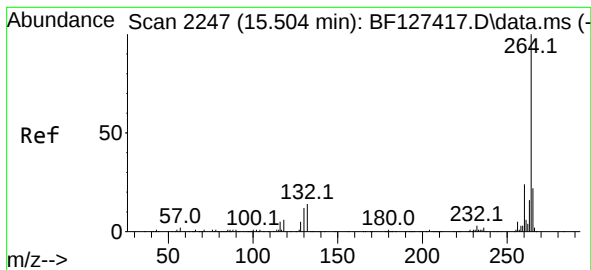
Tgt Ion:240 Resp: 300382
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 87.928 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF127524.D
Acq: 25 Mar 2022 13:05

Tgt Ion:244 Resp: 1613413
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.1 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127524.D

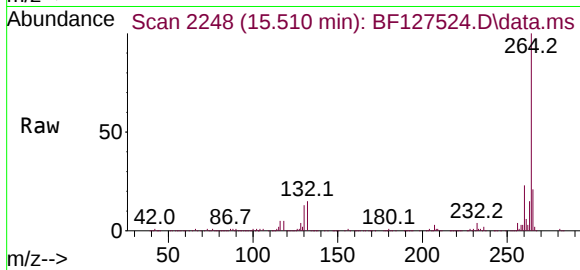
Acq: 25 Mar 2022 13:05

Instrument :

BNA_F

ClientSampleId :

20220281-FIELD-BLANK



Tgt Ion:264 Resp: 217474

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.3 17.4 26.2

