

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127590.D
 Acq On : 30 Mar 2022 16:13
 Operator : CG\JU
 Sample : PB143724BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143724BL

Quant Time: Mar 30 17:14:10 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)

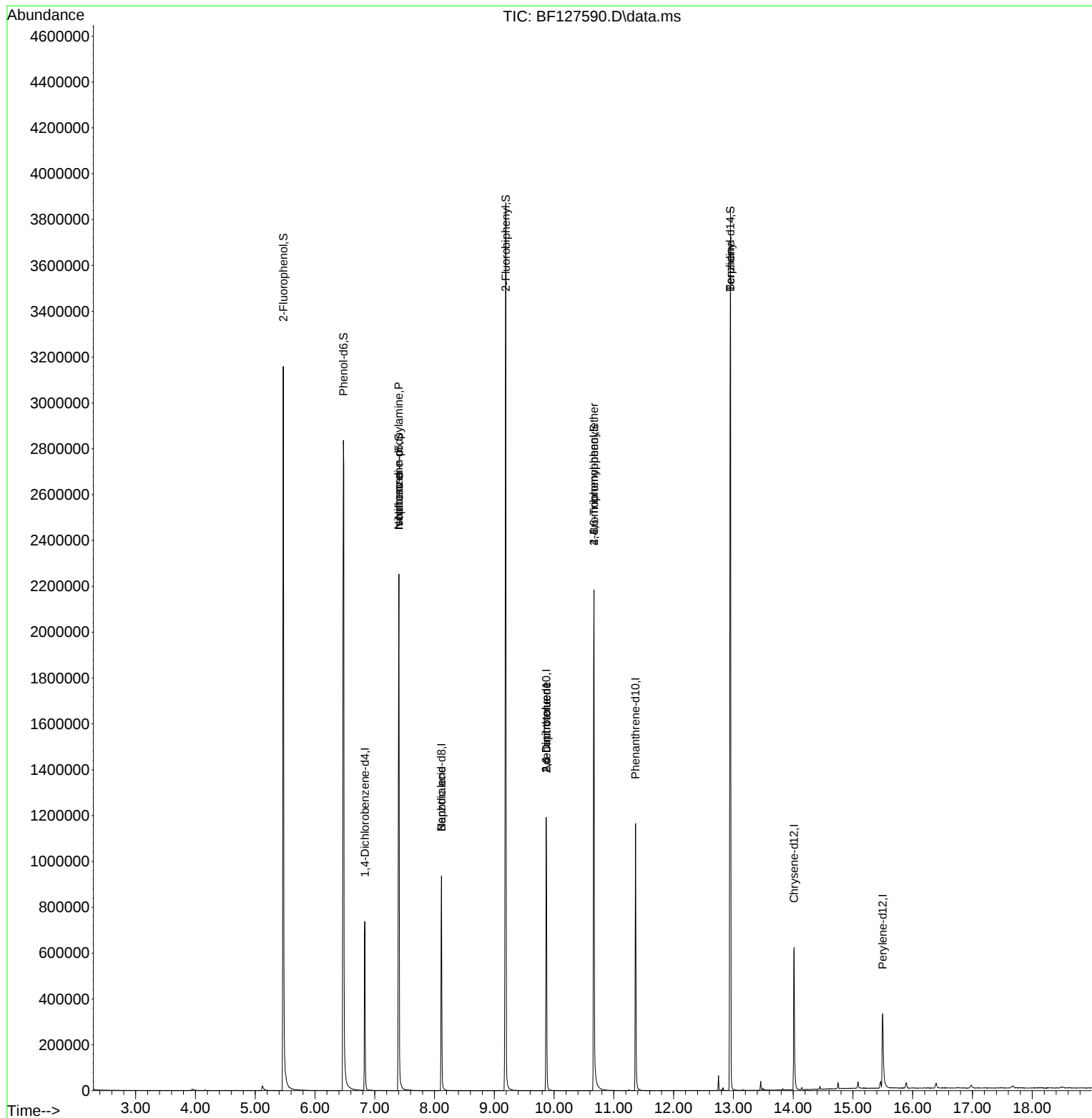
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	110129	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	408840	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	237517	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	413306	20.000	ng	0.00
76) Chrysene-d12	14.015	240	262844	20.000	ng	0.00
86) Perylene-d12	15.498	264	196378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	842073	122.051	ng	0.01
7) Phenol-d6	6.475	99	1154716	122.440	ng	0.00
23) Nitrobenzene-d5	7.404	82	799733	83.615	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	276914	109.445	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1324914	81.454	ng	0.00
79) Terphenyl-d14	12.951	244	1403225	87.394	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1710	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107192	18.962	ng	# 80
25) Isophorone	7.404	82	799723	52.498	ng	# 70
32) Benzoic acid	8.116	122	89	6.066	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	30660	8.840	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	30660	6.867	ng	# 14
58) Fluorene	10.669	166	10706	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.669	248	18423	3.818	ng	# 1
77) Benzidine	12.951	184	17793	2.839	ng	# 92

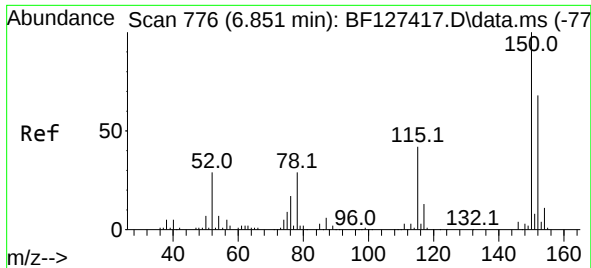
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
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BNA_F
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Quant Time: Mar 30 17:14:10 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

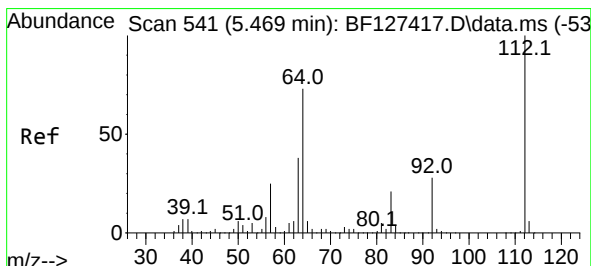
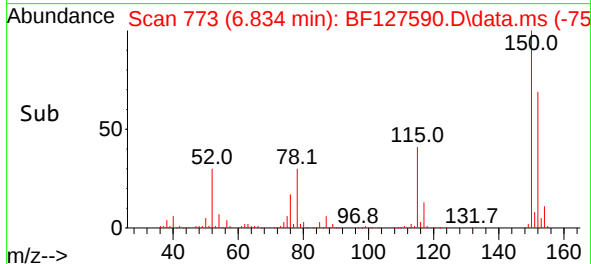
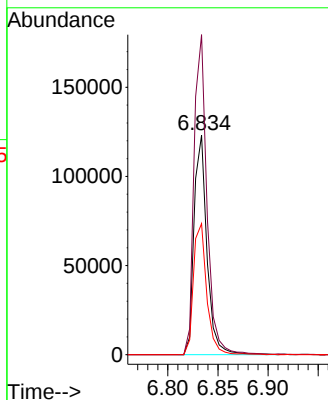
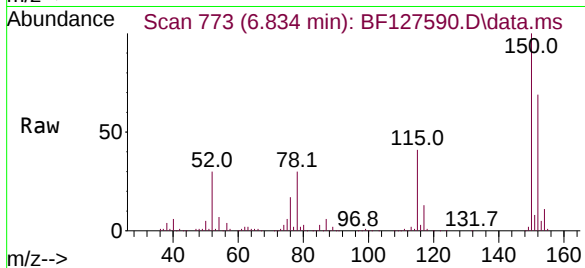




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

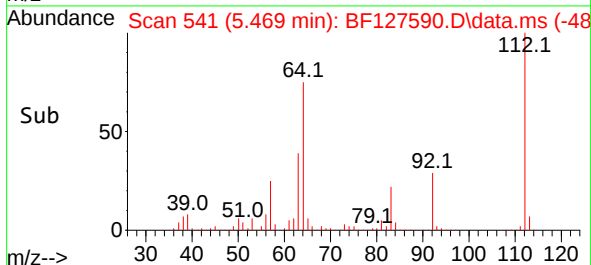
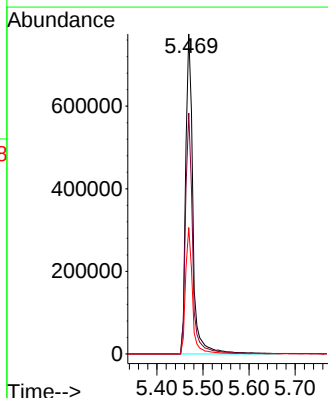
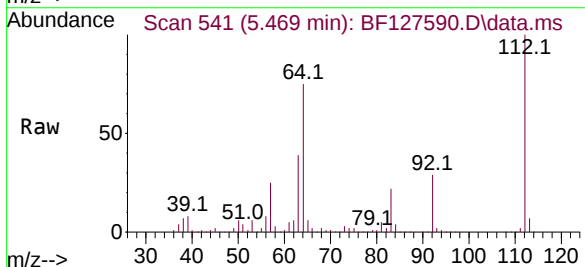
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BNA_F
ClientSampleId :
PB143724BL

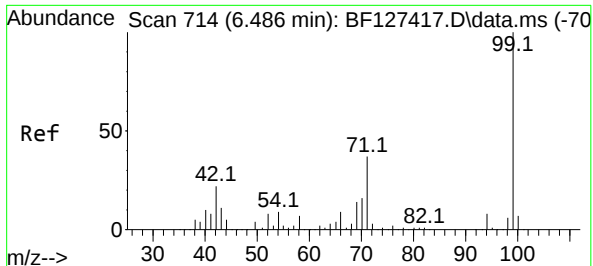
Tgt Ion:152 Resp: 110129
Ion Ratio Lower Upper
152 100
150 145.8 117.2 175.8
115 59.7 49.8 74.6



#5
2-Fluorophenol
Concen: 122.051 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion:112 Resp: 842073
Ion Ratio Lower Upper
112 100
64 75.3 58.4 87.6
63 39.5 30.1 45.1

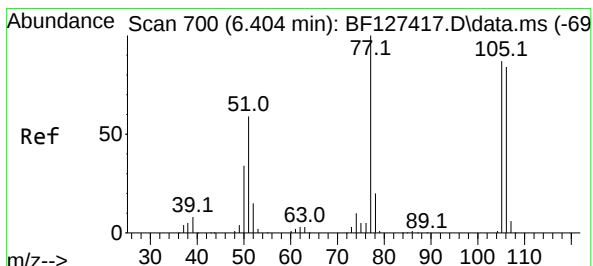
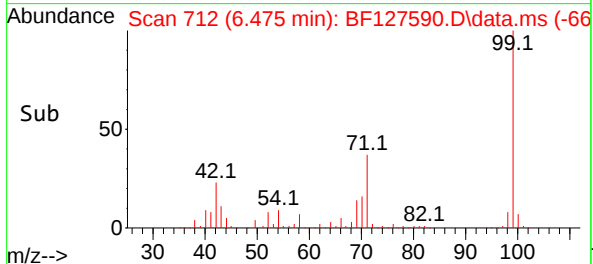
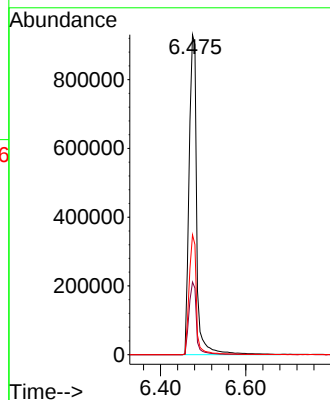
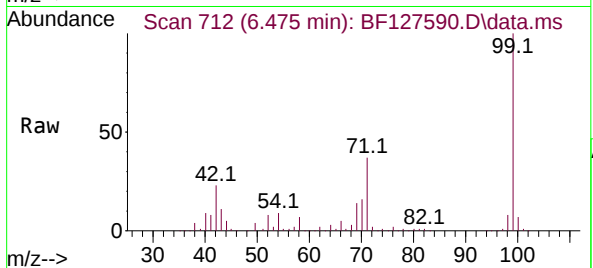




#7
Phenol-d6
Concen: 122.440 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

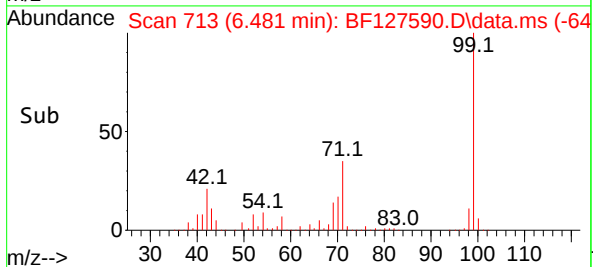
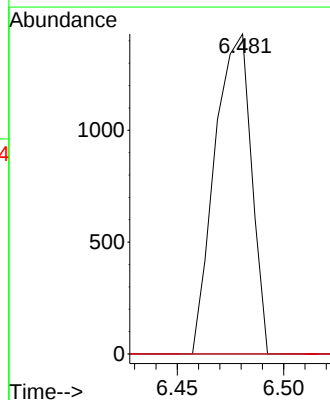
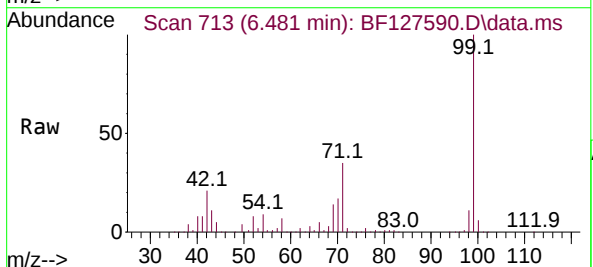
Instrument :
BNA_F
ClientSampleId :
PB143724BL

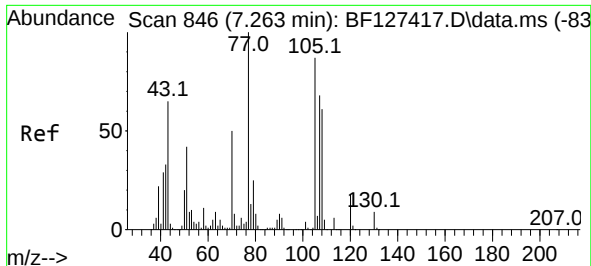
Tgt Ion: 99 Resp: 1154716
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion: 77 Resp: 1710
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

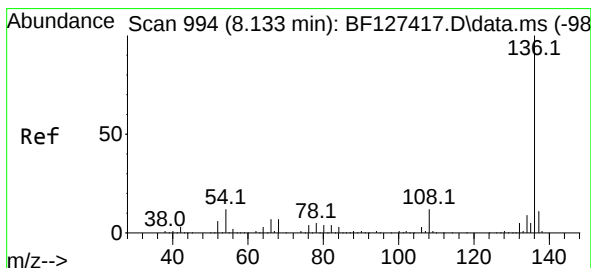
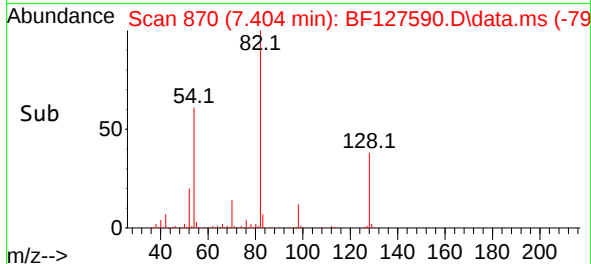
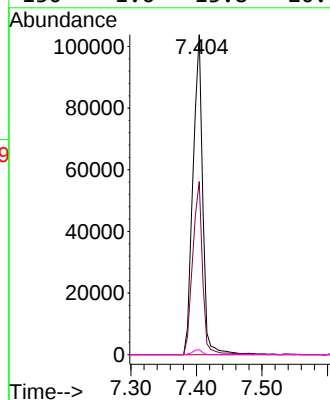
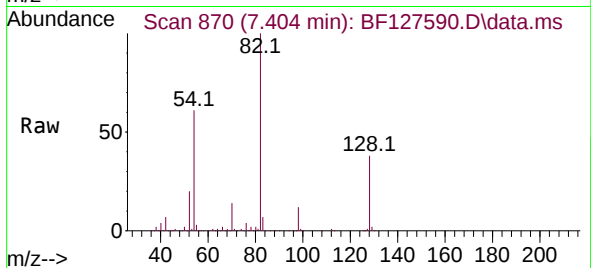




#19
n-Nitroso-di-n-propylamine
Concen: 18.962 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

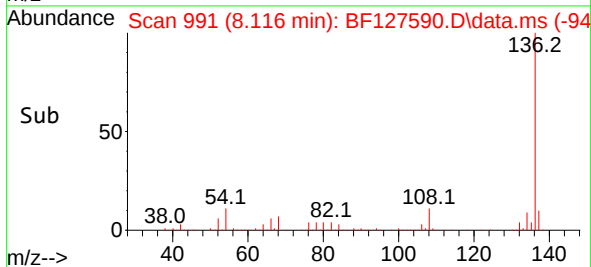
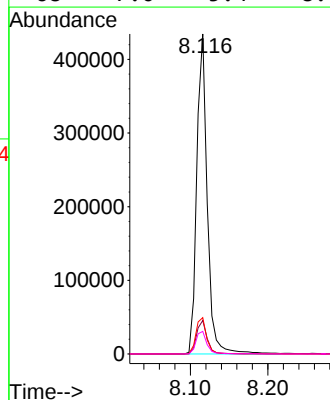
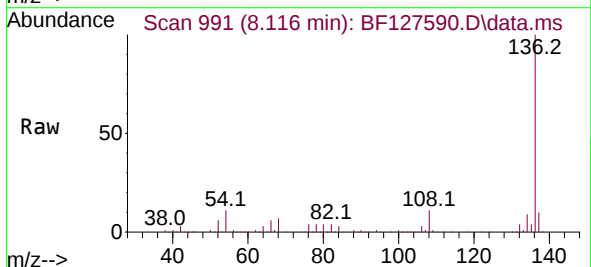
Instrument :
BNA_F
ClientSampleId :
PB143724BL

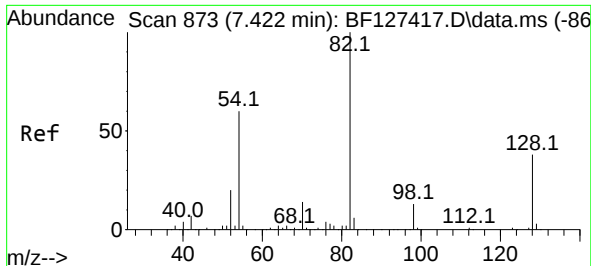
Tgt Ion: 70 Resp: 107192
Ion Ratio Lower Upper
70 100
42 54.1 53.0 79.6
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion:136 Resp: 408840
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.4 9.2 13.8
68 7.0 5.4 8.0

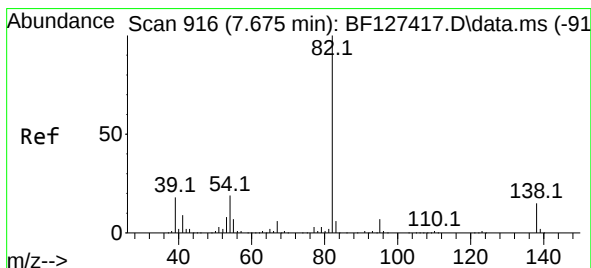
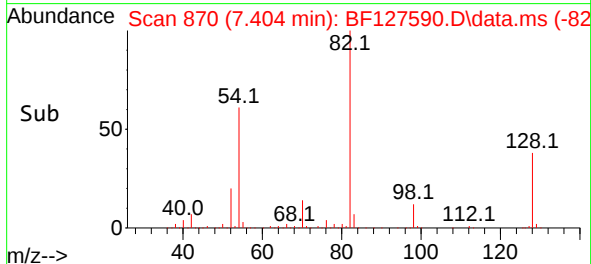
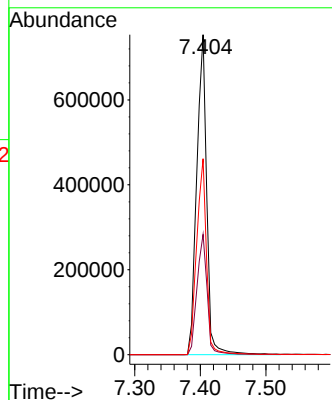
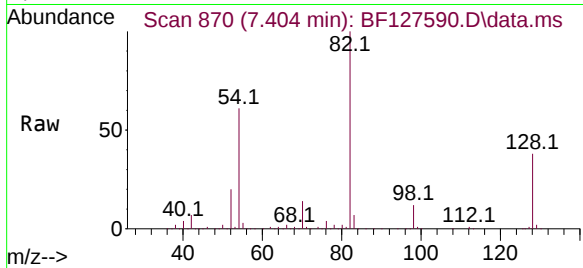




#23
Nitrobenzene-d5
Concen: 83.615 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

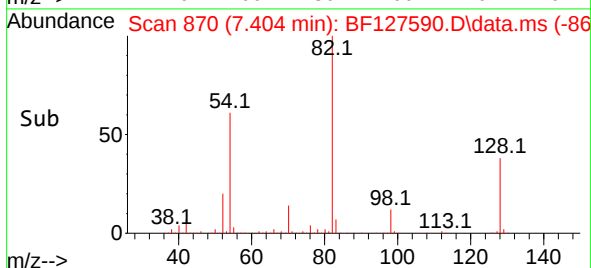
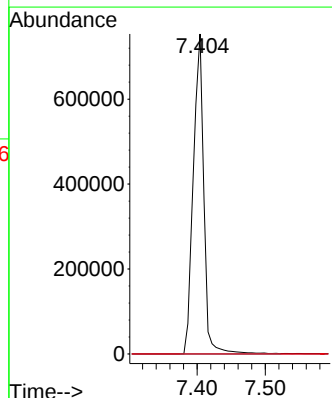
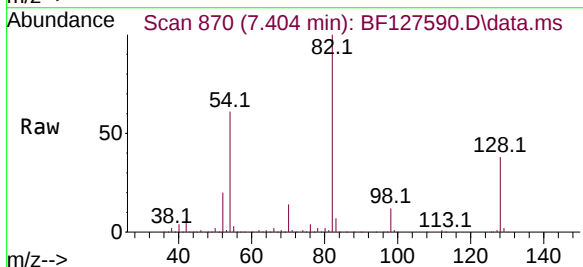
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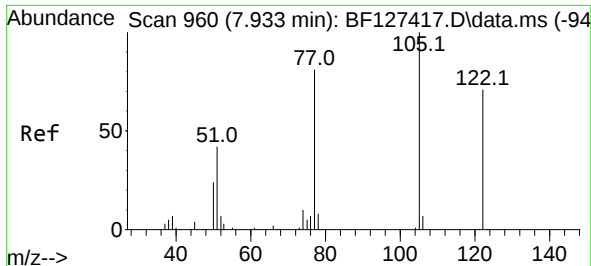
Tgt Ion: 82 Resp: 799733
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 61.3 48.2 72.2



#25
Isophorone
Concen: 52.498 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion: 82 Resp: 799723
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

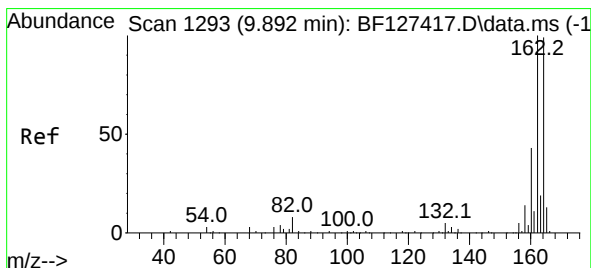
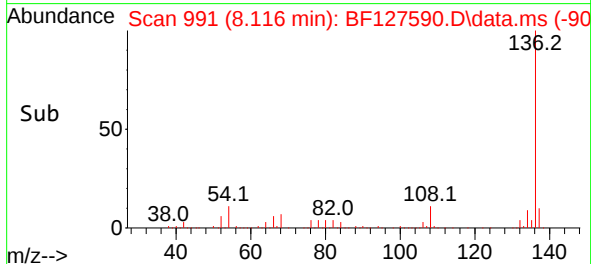
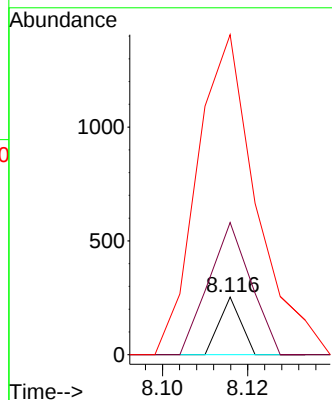
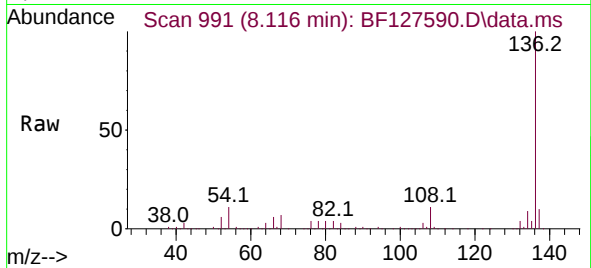




#32
Benzoic acid
Concen: 6.066 ng
RT: 8.116 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

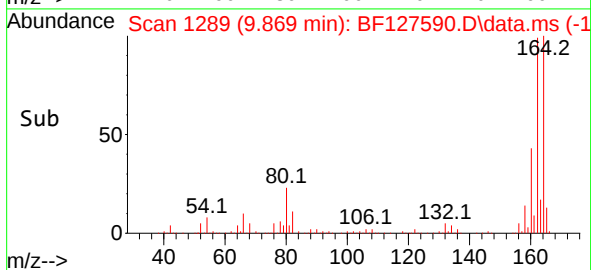
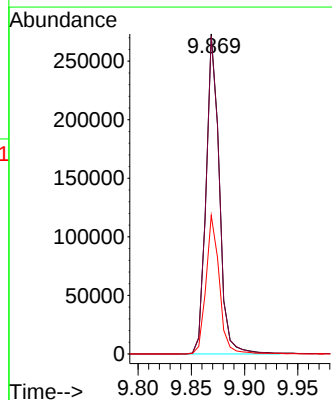
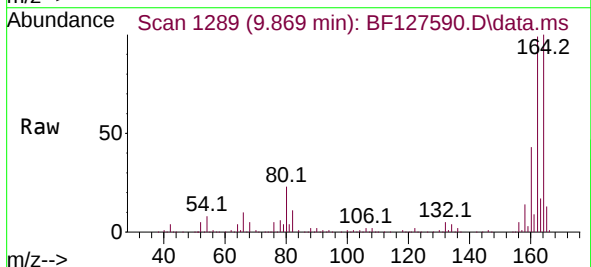
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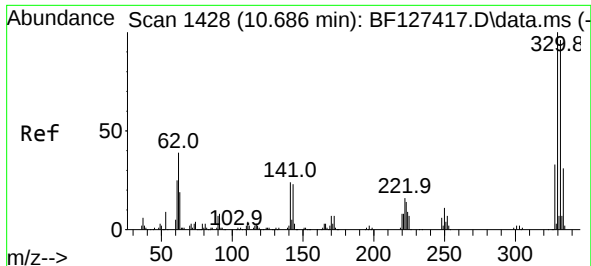
Tgt Ion:122 Resp: 89
Ion Ratio Lower Upper
122 100
105 229.6 117.1 157.1#
77 555.7 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion:164 Resp: 237517
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 43.3 34.6 52.0

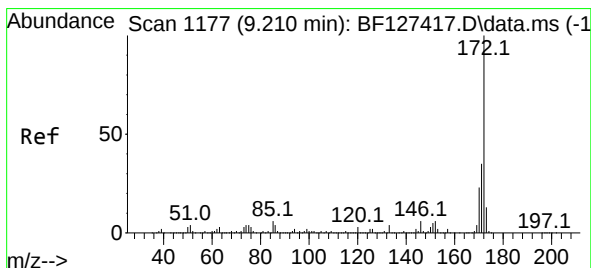
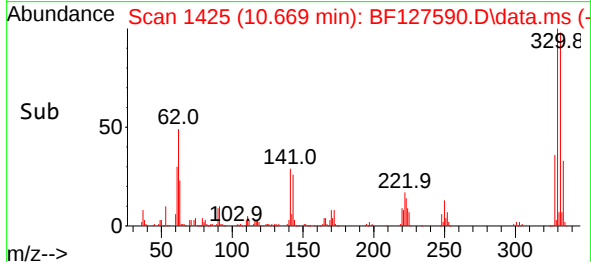
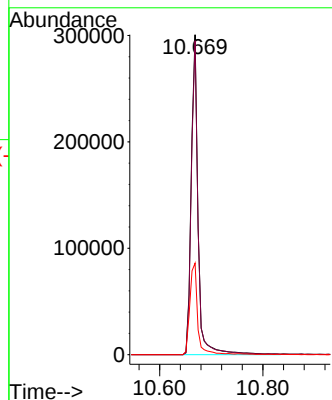
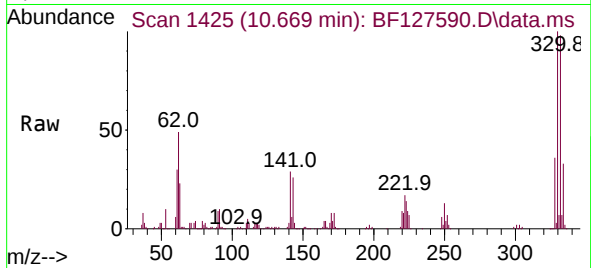




#42
2,4,6-Tribromophenol
Concen: 109.445 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

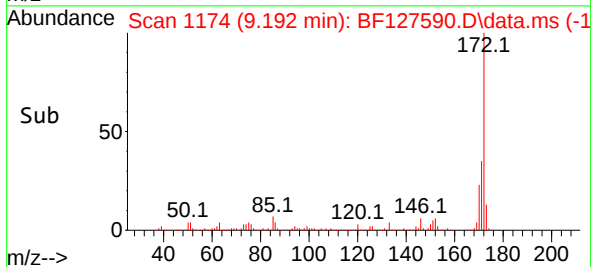
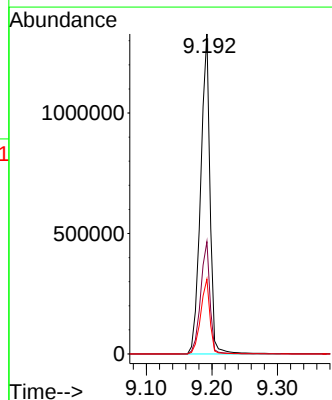
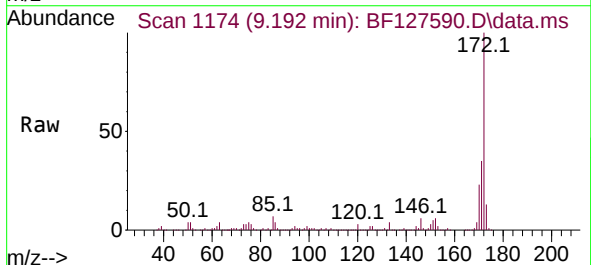
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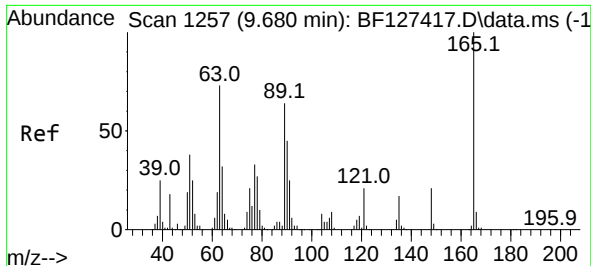
Tgt Ion:330 Resp: 276914
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 32.5 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 81.454 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion:172 Resp: 1324914
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.840 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127590.D

Acq: 30 Mar 2022 16:13

Instrument :

BNA_F

ClientSampleId :

PB143724BL

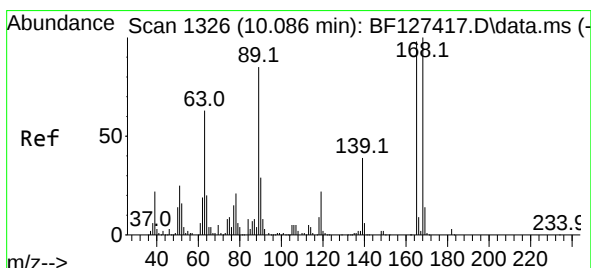
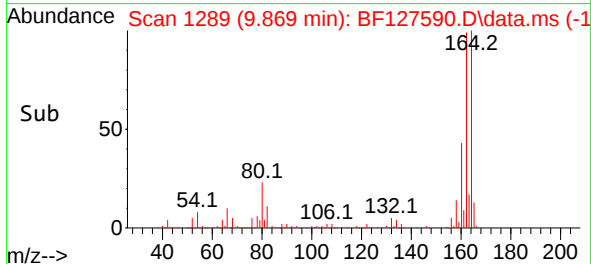
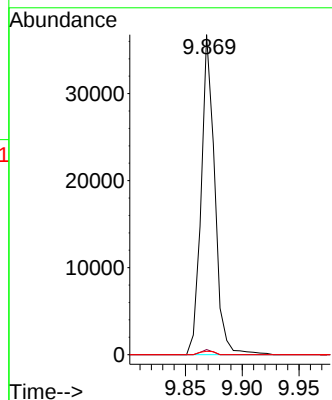
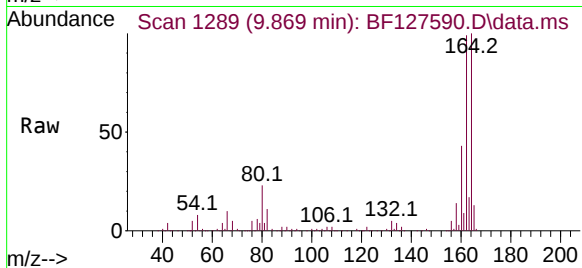
Tgt Ion:165 Resp: 30660

Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.0 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.867 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.206 min

Lab File: BF127590.D

Acq: 30 Mar 2022 16:13

Tgt Ion:165 Resp: 30660

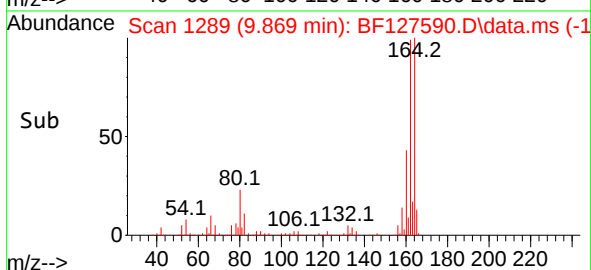
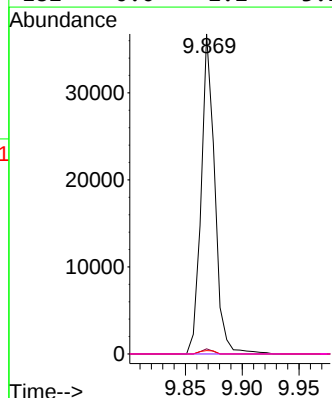
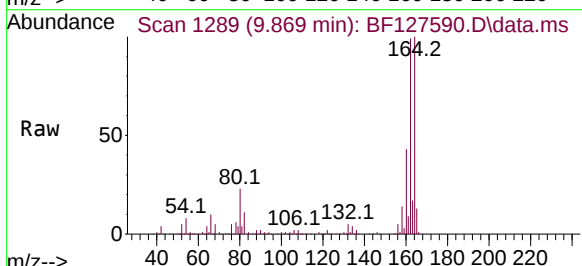
Ion Ratio Lower Upper

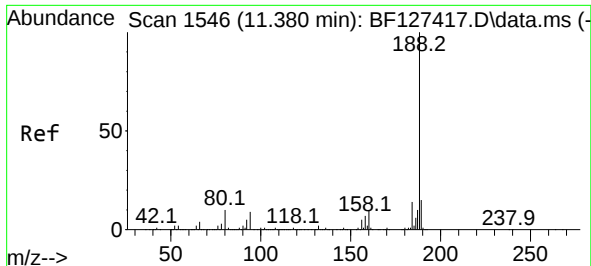
165 100

63 1.6 53.1 79.7#

89 1.0 69.2 103.8#

182 0.0 2.2 3.2#

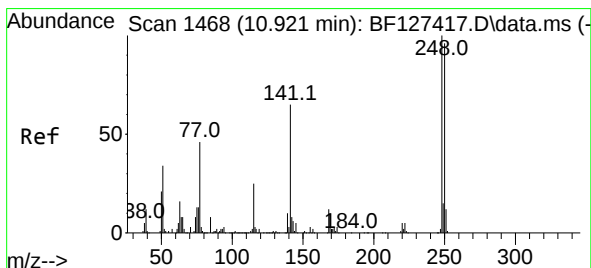
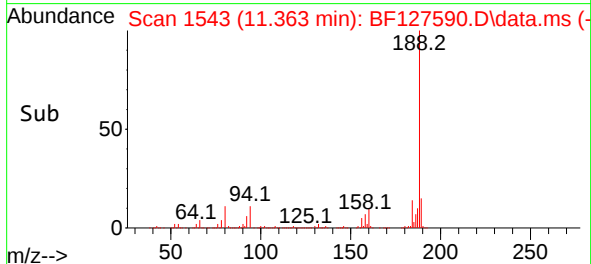
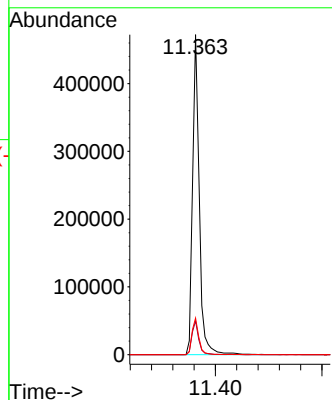
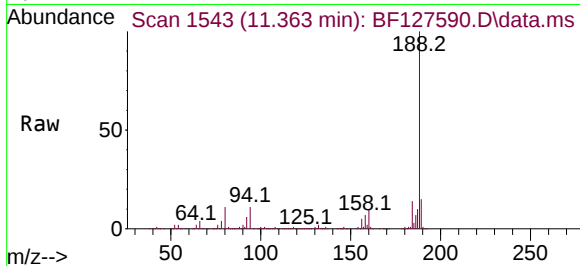




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

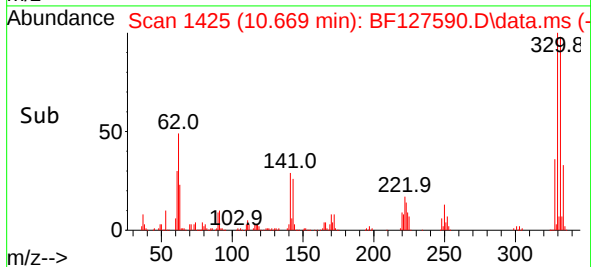
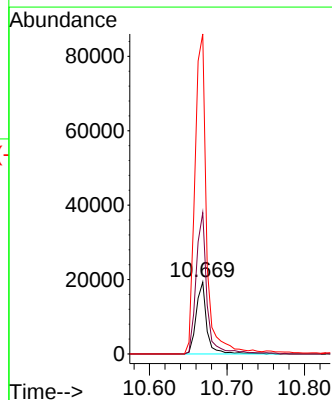
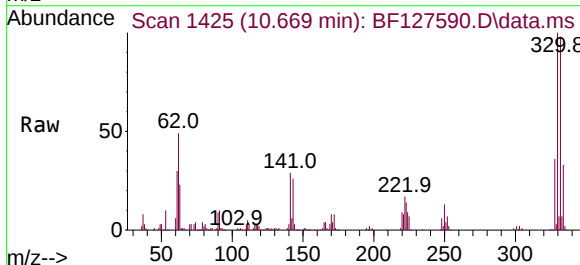
Instrument :
BNA_F
ClientSampleId :
PB143724BL

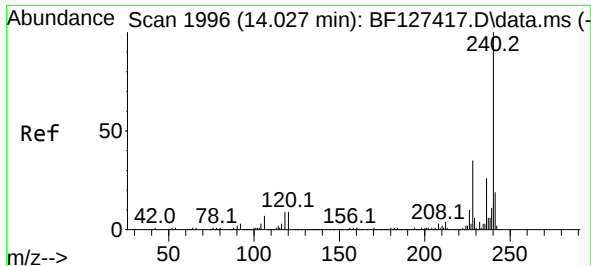
Tgt Ion:188 Resp: 413306
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.5 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.818 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

Tgt Ion:248 Resp: 18423
Ion Ratio Lower Upper
248 100
250 196.6 76.6 115.0#
141 445.4 52.2 78.2#

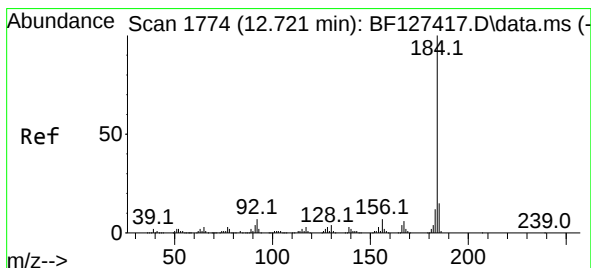
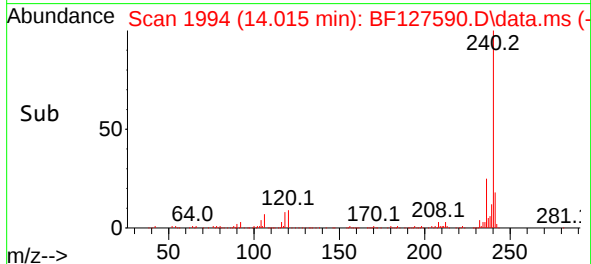
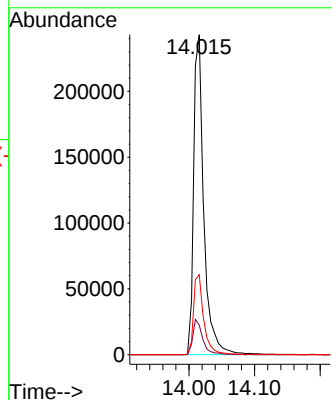
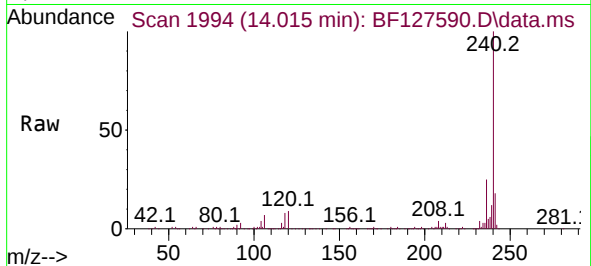




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

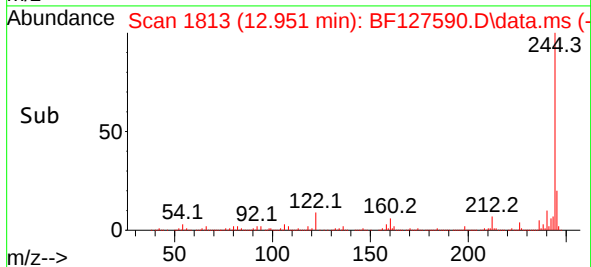
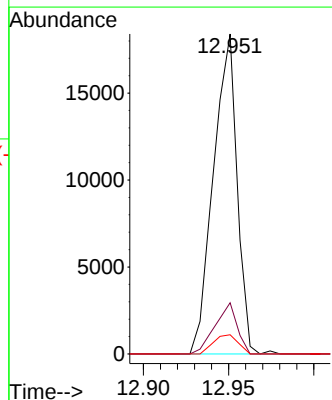
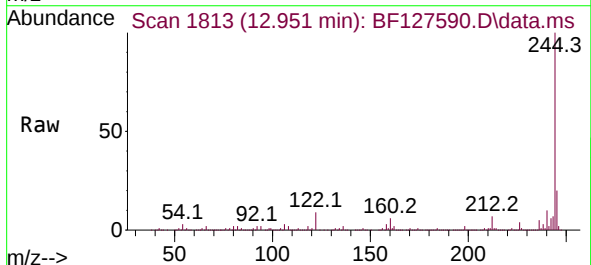
Instrument :
BNA_F
ClientSampleId :
PB143724BL

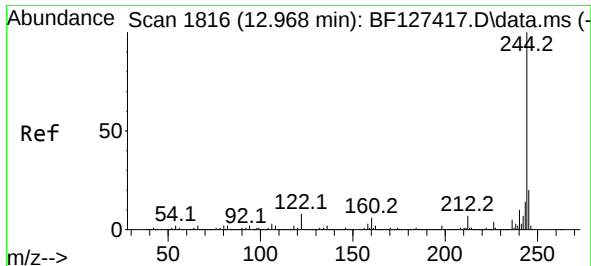
Tgt Ion:240 Resp: 262844
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 25.0 20.7 31.1



#77
Benzidine
Concen: 2.839 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127590.D
Acq: 30 Mar 2022 16:13

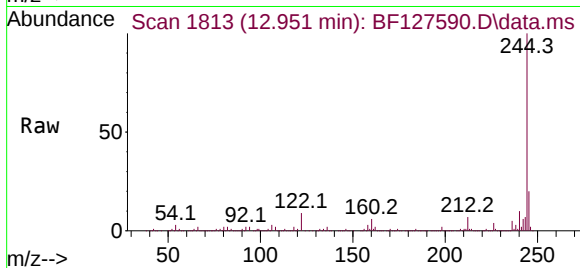
Tgt Ion:184 Resp: 17793
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 6.0 9.4 14.0#



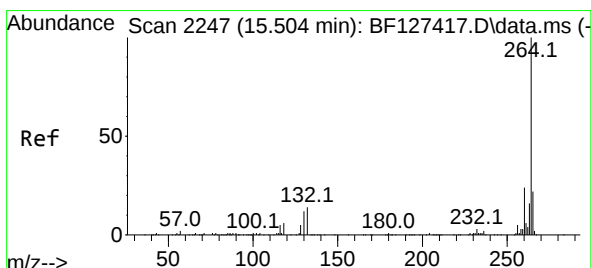
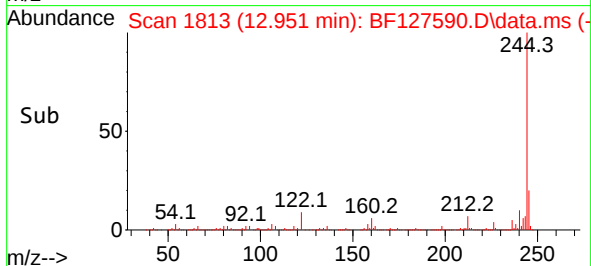
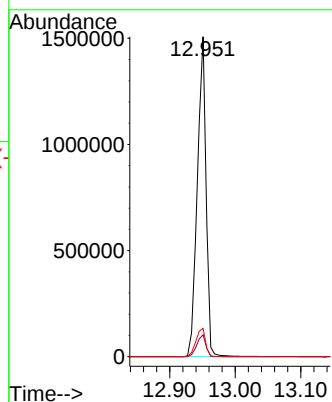


#79
 Terphenyl-d14
 Concen: 87.394 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127590.D
 Acq: 30 Mar 2022 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB143724BL



Tgt Ion:244 Resp: 1403225
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.9 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: BF127590.D
 Acq: 30 Mar 2022 16:13

Tgt Ion:264 Resp: 196378
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 19.6 17.4 26.2

