

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127533.D
 Acq On : 25 Mar 2022 18:45
 Operator : CG\JU
 Sample : N2077-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-3-3

Quant Time: Mar 26 02:21:35 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)

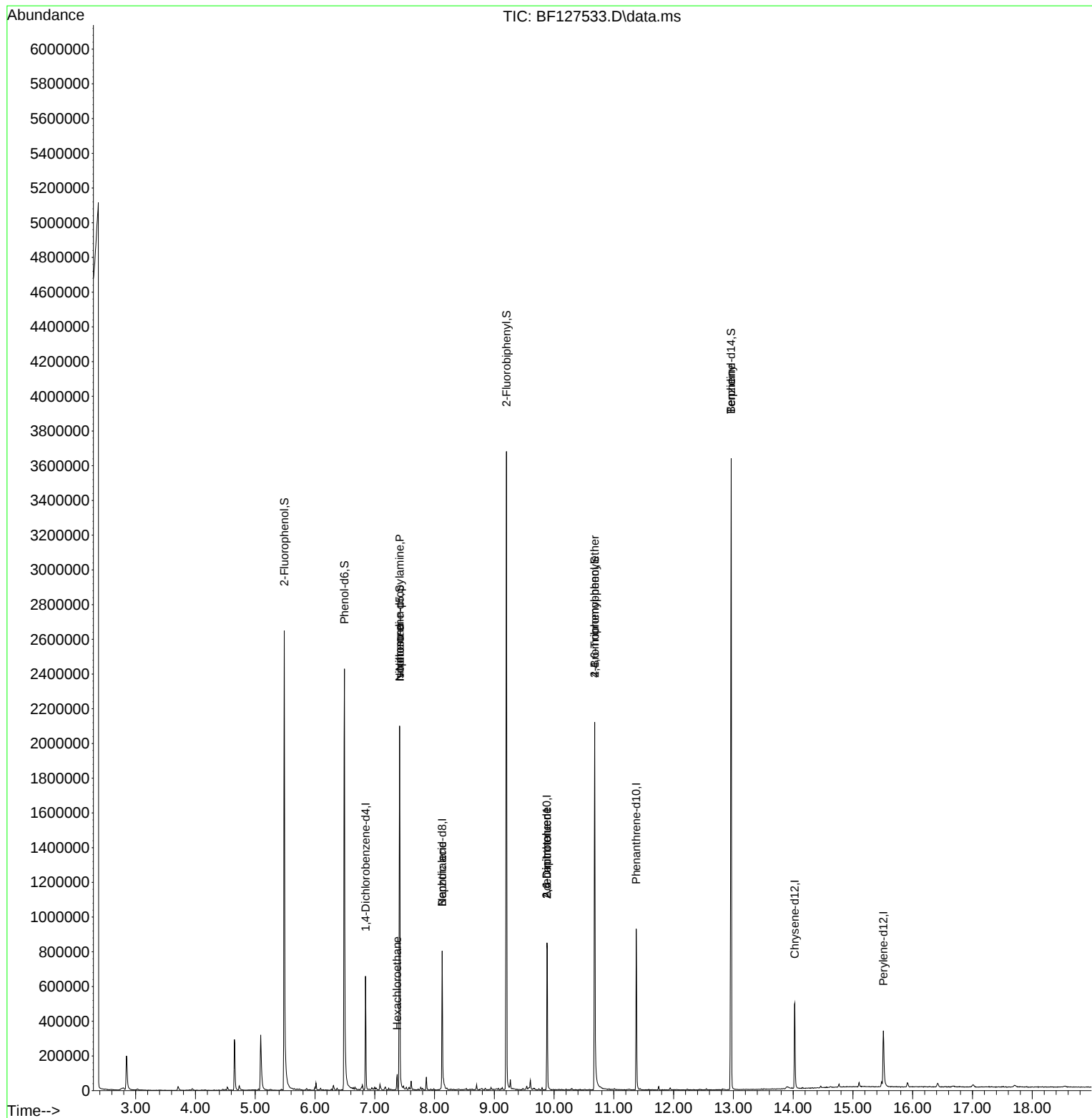
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85173	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	313879	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	183242	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	322367	20.000	ng	0.00
76) Chrysene-d12	14.027	240	199521	20.000	ng	0.00
86) Perylene-d12	15.509	264	171011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	690154	129.341	ng	0.02
7) Phenol-d6	6.492	99	870180	119.304	ng	0.00
23) Nitrobenzene-d5	7.416	82	671107	91.395	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	258729	132.546	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1124597	89.618	ng	0.00
79) Terphenyl-d14	12.962	244	1260194	103.396	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	60	Below Cal	#	1
18) Hexachloroethane	7.375	117	6231	2.759 ng	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	91347	20.894 ng	#	79
25) Isophorone	7.416	82	671107	57.383 ng	#	70
32) Benzoic acid	8.127	122	128	6.086 ng	#	1
51) 2,6-Dinitrotoluene	9.880	165	23260	8.692 ng	#	17
55) Dibenzofuran	10.098	168	661	Below Cal	#	89
57) 2,4-Dinitrotoluene	9.880	165	23260	6.753 ng	#	13
58) Fluorene	10.439	166	1065	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.680	248	16995	4.516 ng	#	1
77) Benzidine	12.962	184	16141	3.393 ng	#	91

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

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WC-14A-3-3

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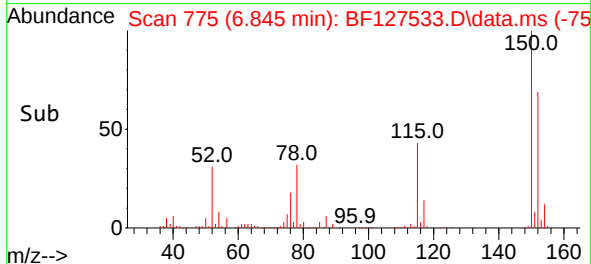
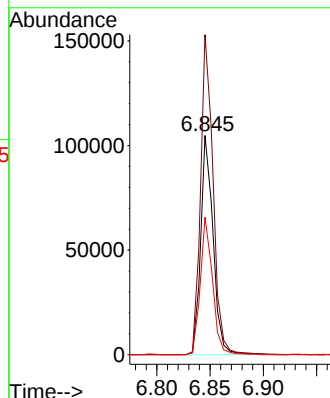
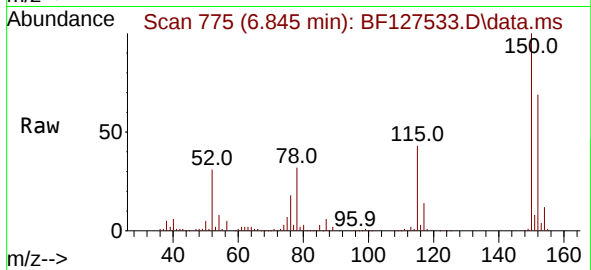




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

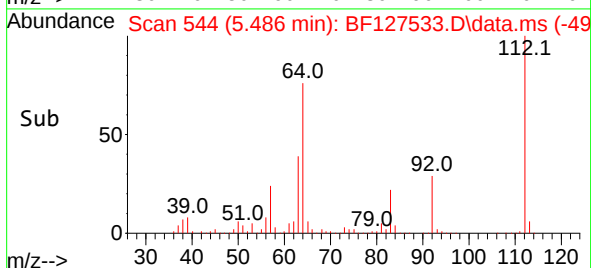
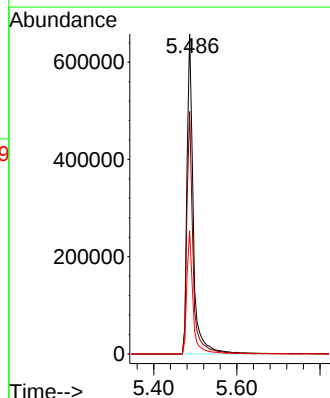
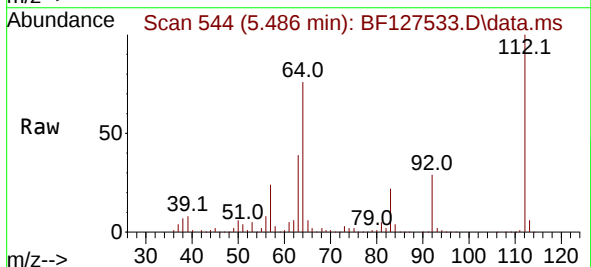
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

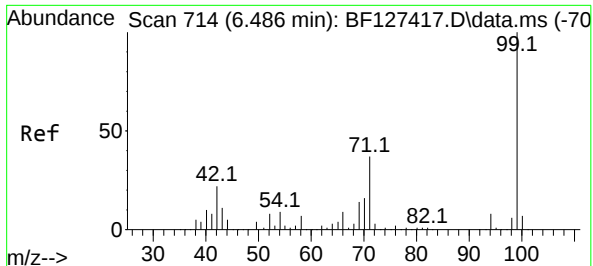
Tgt Ion:152 Resp: 85173
Ion Ratio Lower Upper
152 100
150 146.0 117.2 175.8
115 62.7 49.8 74.6



#5
2-Fluorophenol
Concen: 129.341 ng
RT: 5.486 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:112 Resp: 690154
Ion Ratio Lower Upper
112 100
64 75.8 58.4 87.6
63 38.5 30.1 45.1

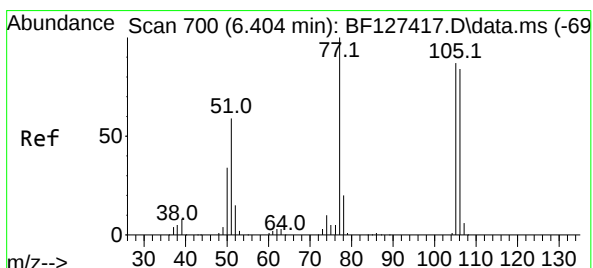
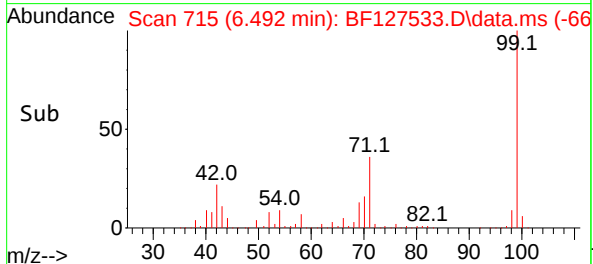
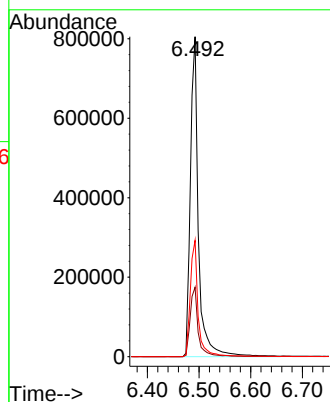
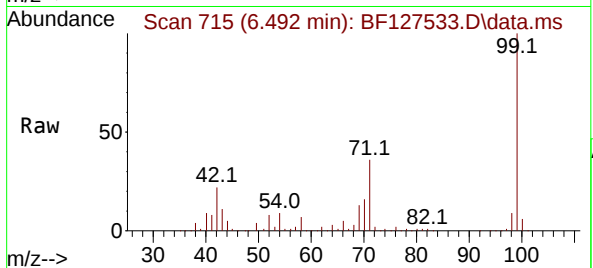




#7
Phenol-d6
Concen: 119.304 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

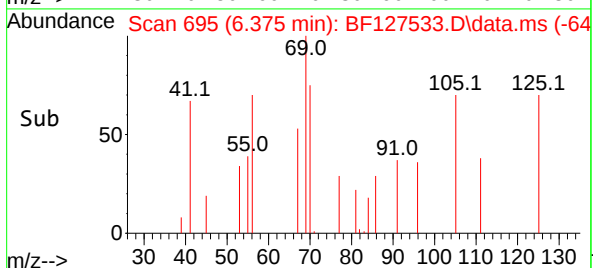
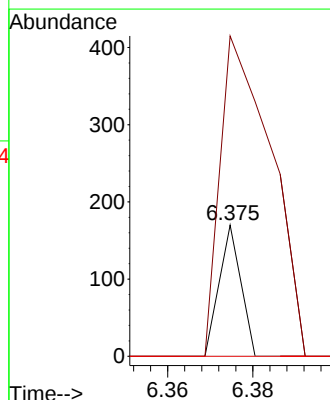
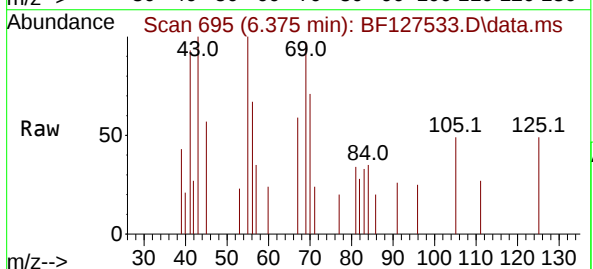
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

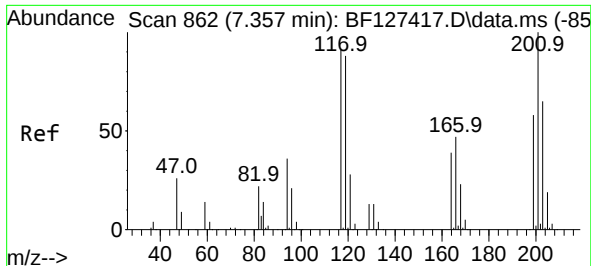
Tgt Ion: 99 Resp: 870180
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 36.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. -0.029 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
105 244.1 66.8 106.8#
106 0.0 64.3 104.3#

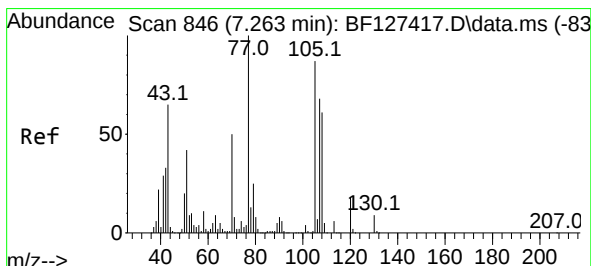
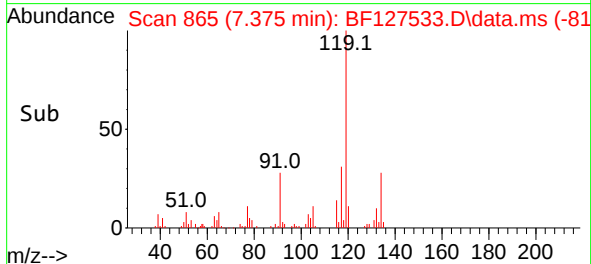
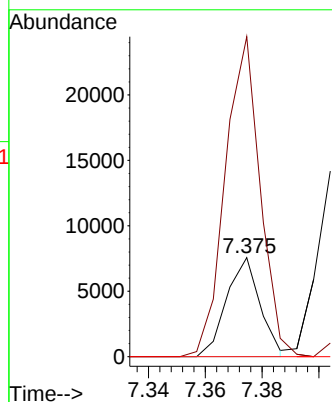
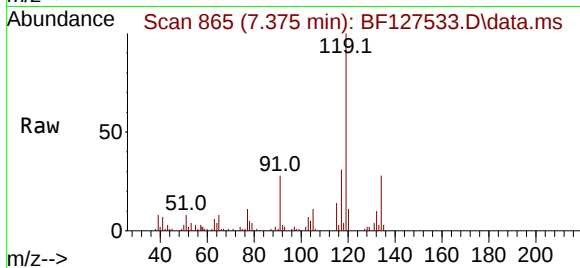




#18
Hexachloroethane
Concen: 2.759 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

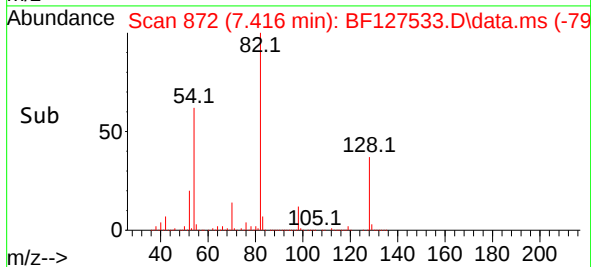
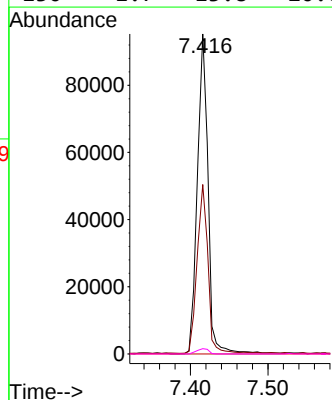
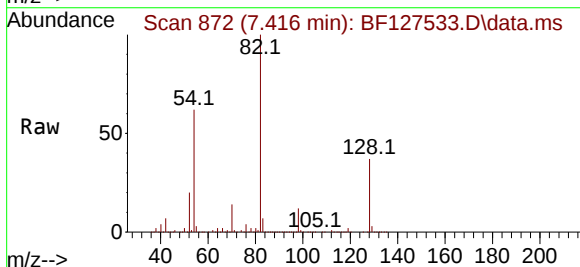
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

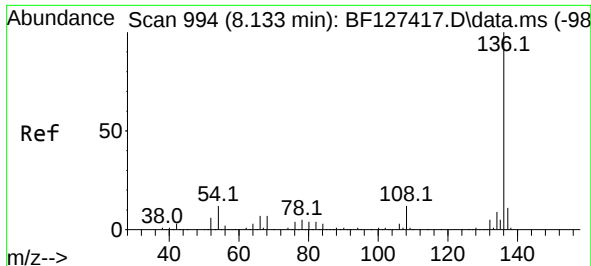
Tgt Ion:117 Resp: 6231
Ion Ratio Lower Upper
117 100
119 323.1 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.894 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion: 70 Resp: 91347
Ion Ratio Lower Upper
70 100
42 53.0 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#

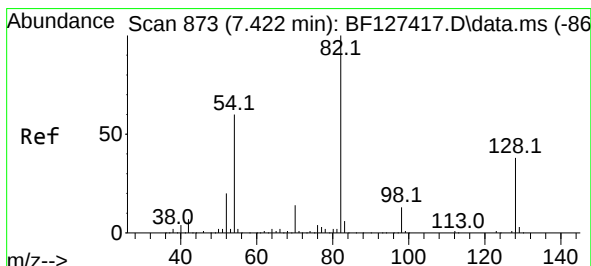
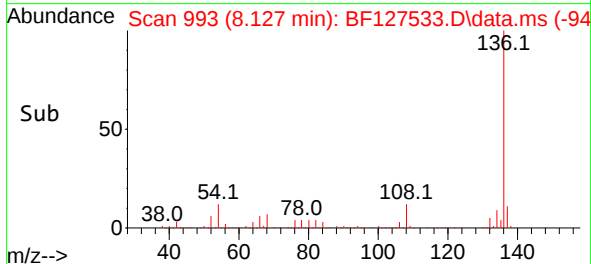
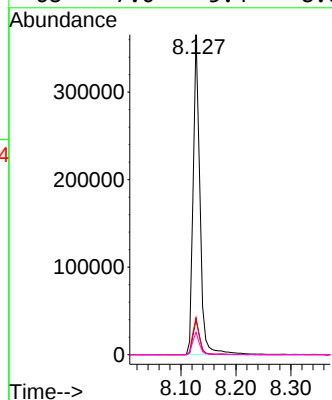
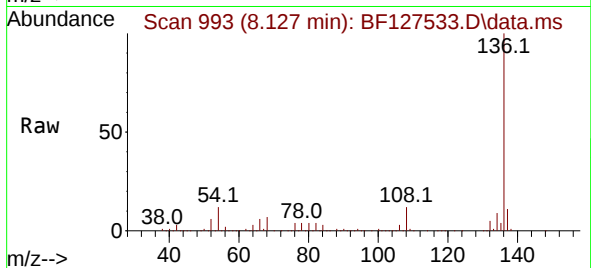




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

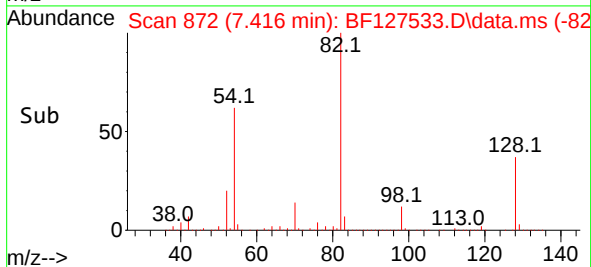
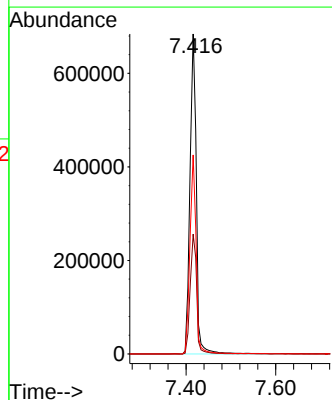
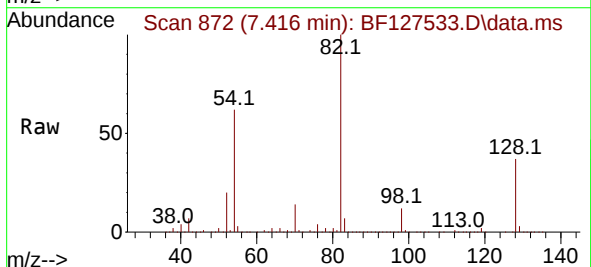
Instrument :
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ClientSampleId :
WC-14A-3-3

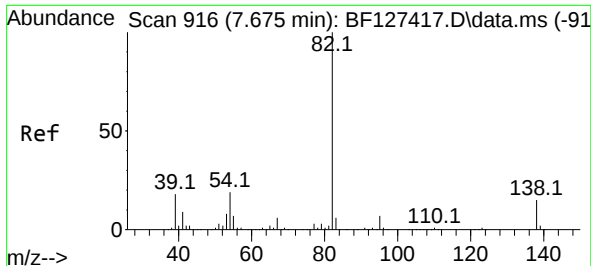
Tgt Ion:136 Resp: 313879
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.6 9.2 13.8
68 7.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 91.395 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion: 82 Resp: 671107
Ion Ratio Lower Upper
82 100
128 37.4 30.6 45.8
54 62.2 48.2 72.2

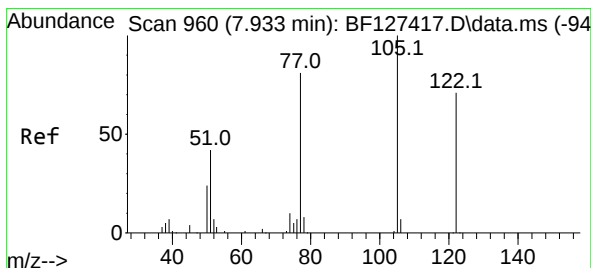
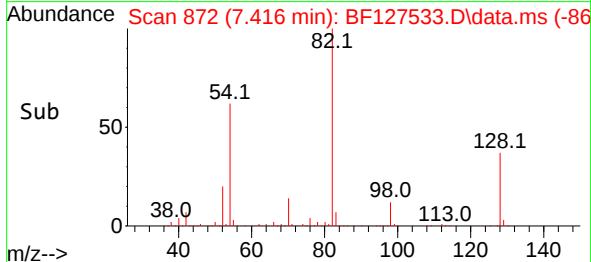
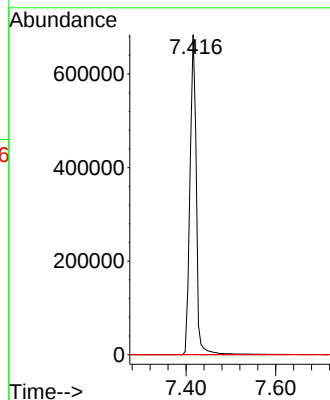
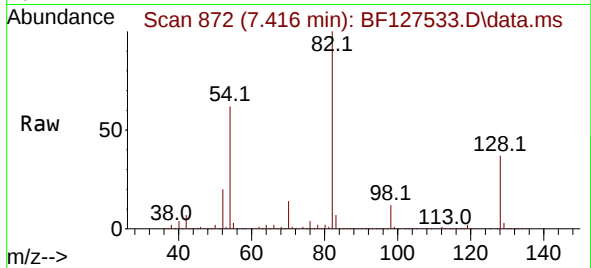




#25
Isophorone
Concen: 57.383 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

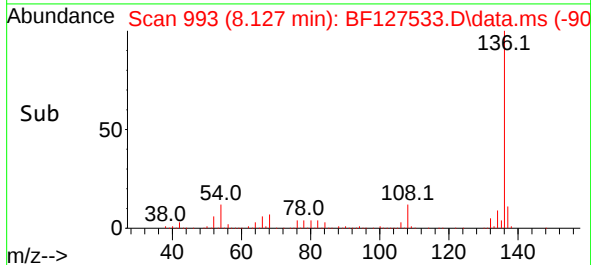
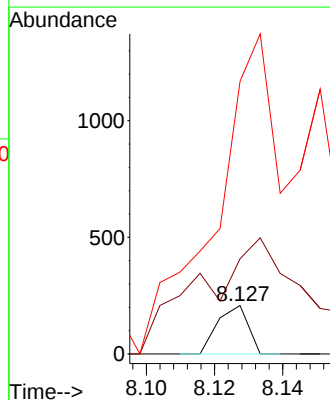
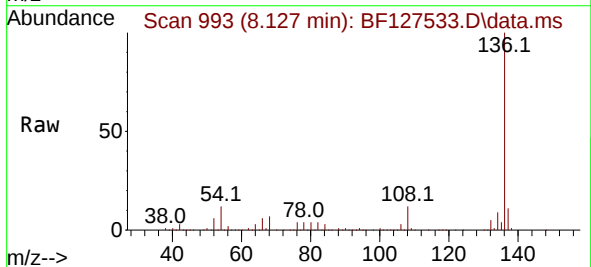
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

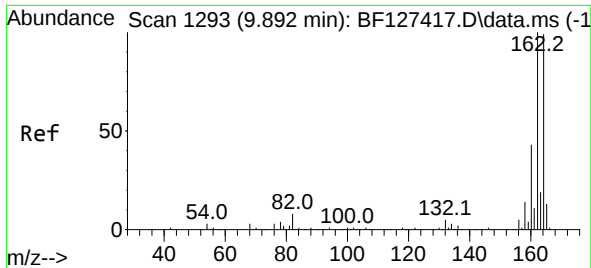
Tgt Ion: 82 Resp: 671107
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.086 ng
RT: 8.127 min Scan# 993
Delta R.T. 0.194 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 196.2 117.1 157.1#
77 562.0 93.0 133.0#

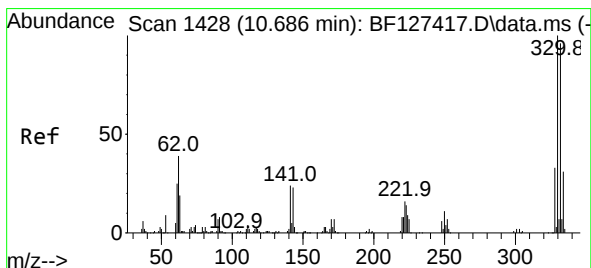
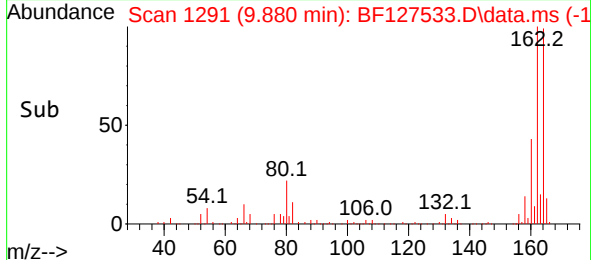
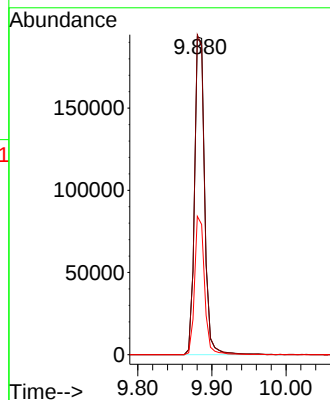
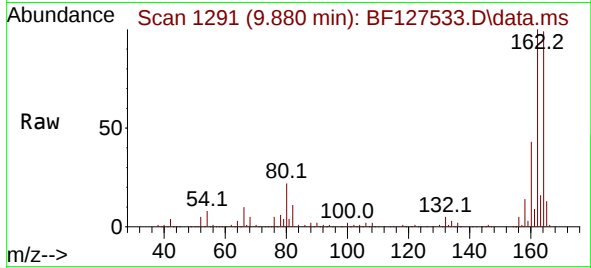




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

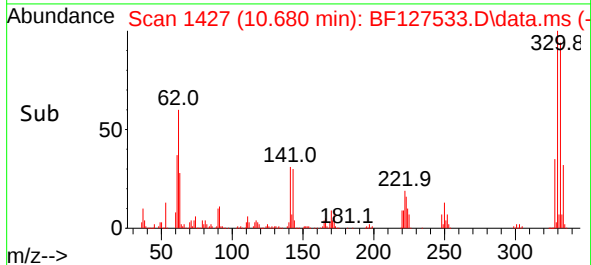
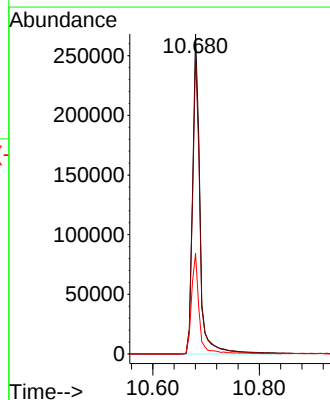
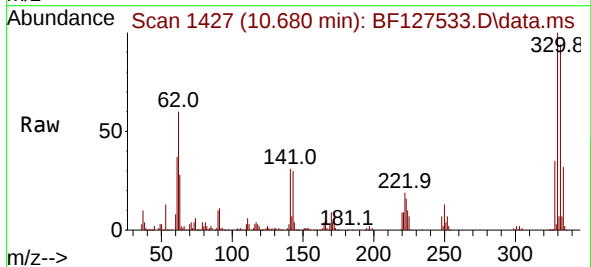
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WC-14A-3-3

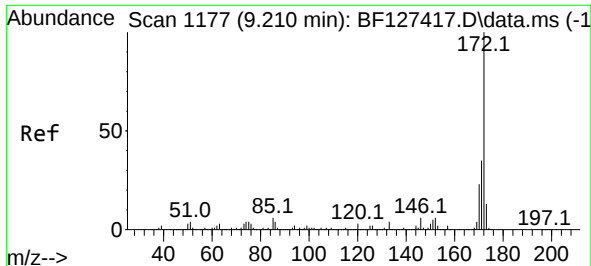
Tgt Ion:164 Resp: 183242
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 132.546 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:330 Resp: 258729
Ion Ratio Lower Upper
330 100
332 94.7 79.1 118.7
141 33.0 26.2 39.4

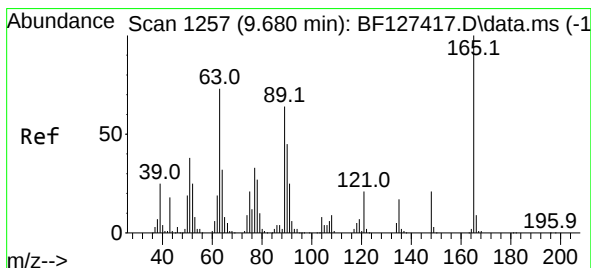
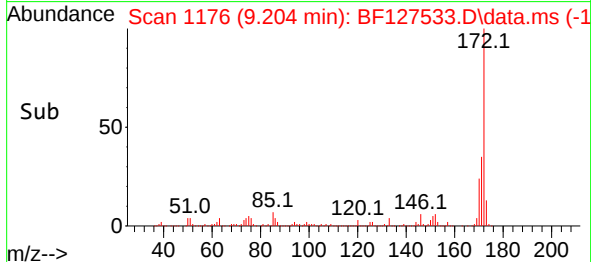
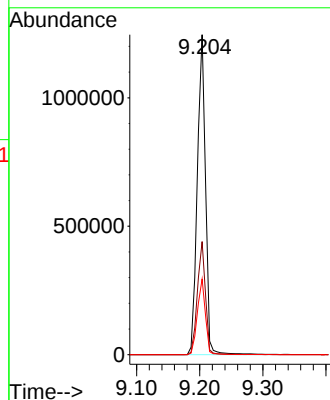
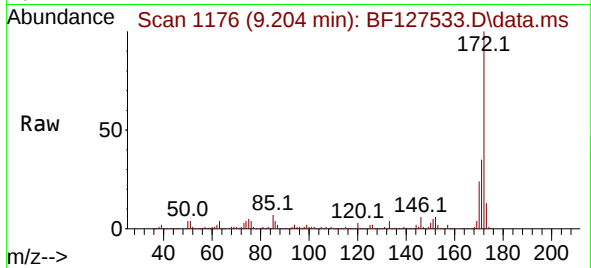




#45
2-Fluorobiphenyl
Concen: 89.618 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

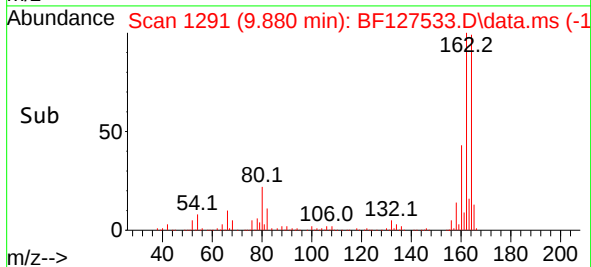
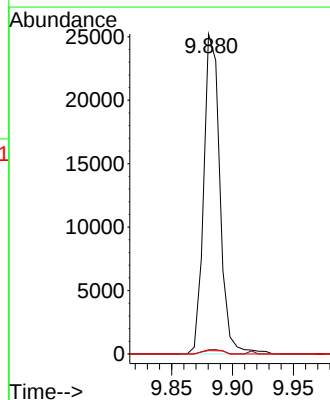
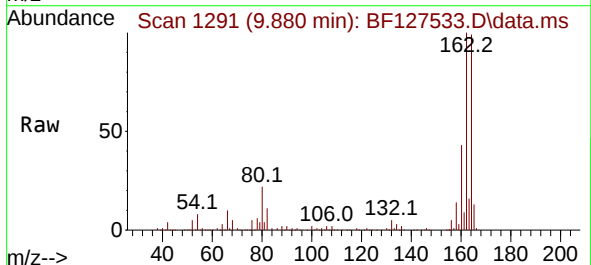
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

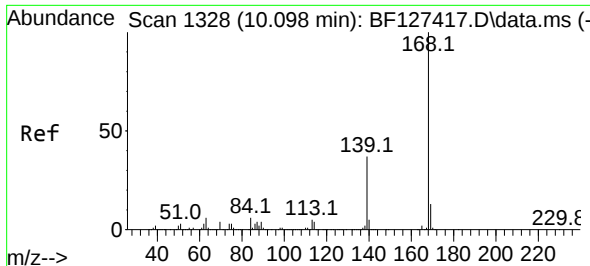
Tgt Ion:172 Resp: 1124597
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:165 Resp: 23260
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.1 51.5 77.3#

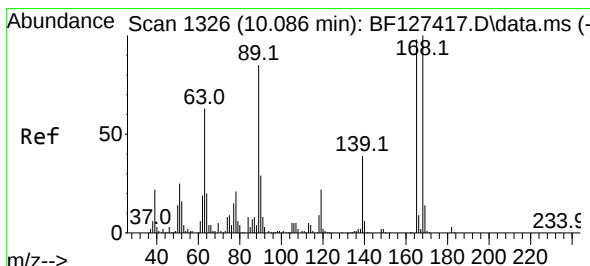
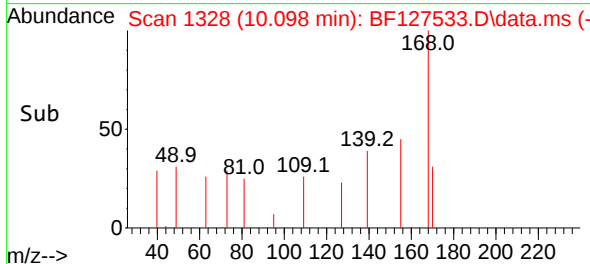
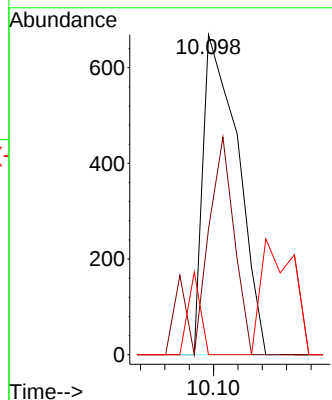
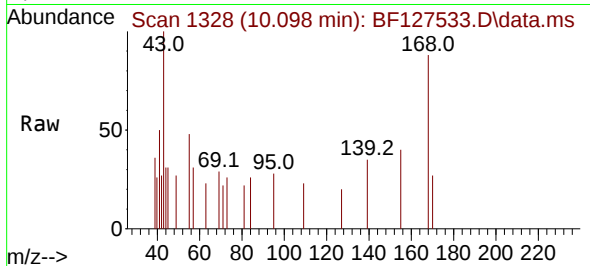




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

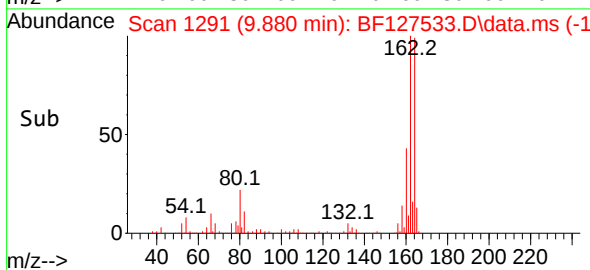
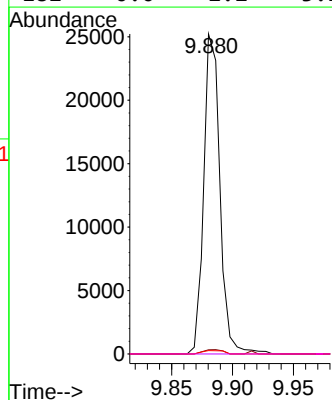
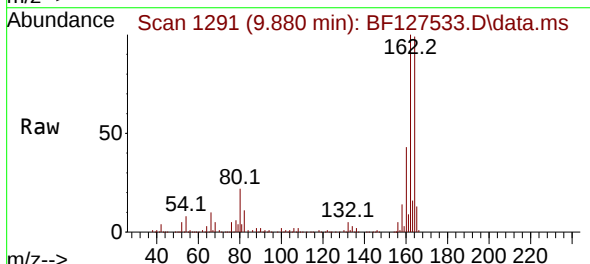
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

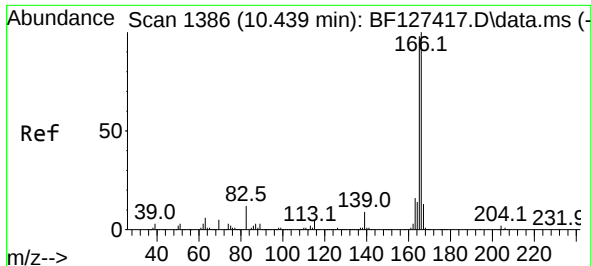
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.3	45.5
169	0.0	10.8	16.2#



#57
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	53.1	79.7#
89	1.1	69.2	103.8#
182	0.0	2.2	3.2#

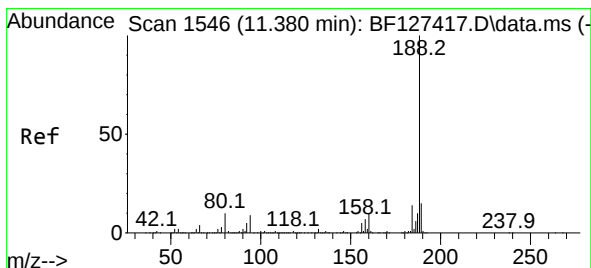
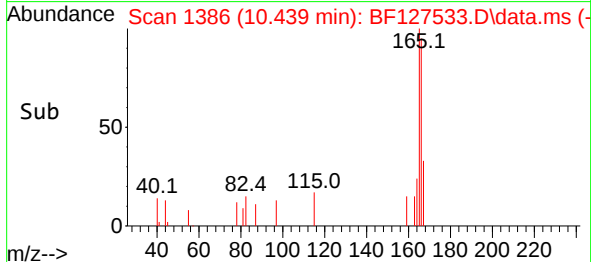
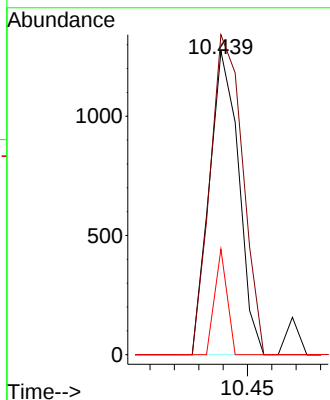
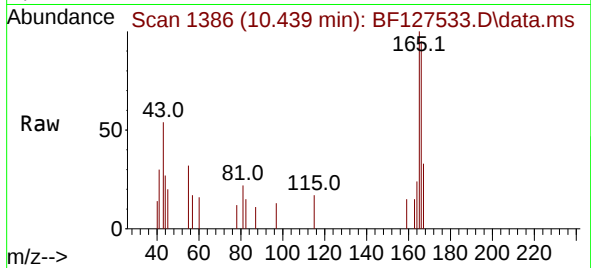




#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

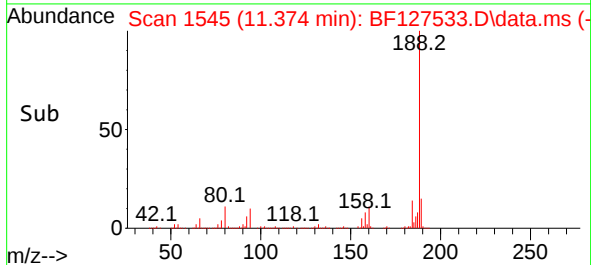
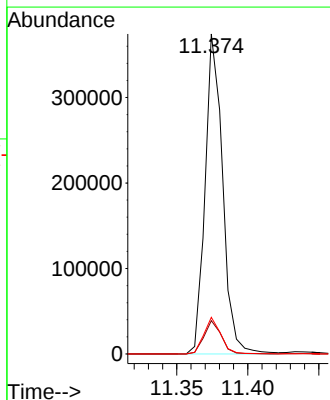
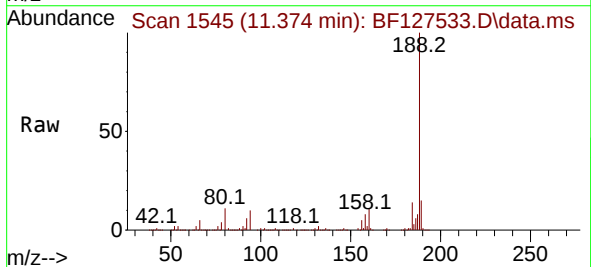
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

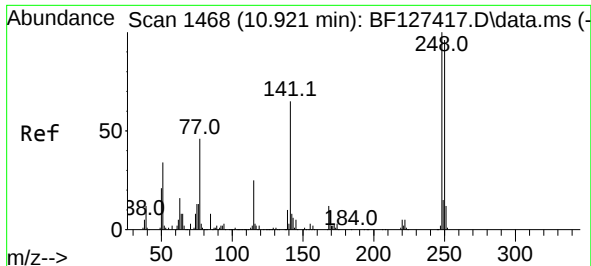
Tgt Ion:166 Resp: 1065
Ion Ratio Lower Upper
166 100
165 105.4 78.1 117.1
167 34.8 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:188 Resp: 322367
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 11.4 8.0 12.0

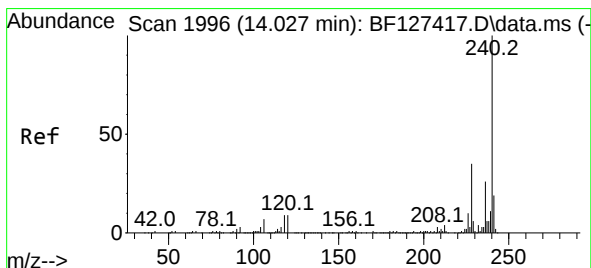
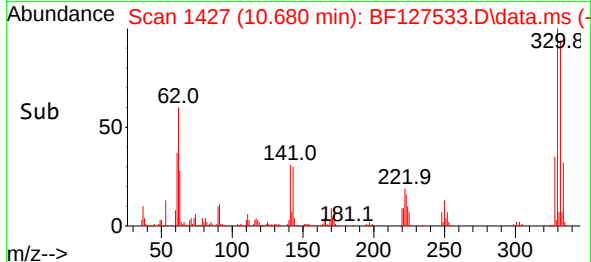
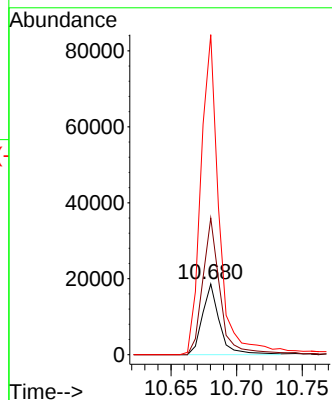
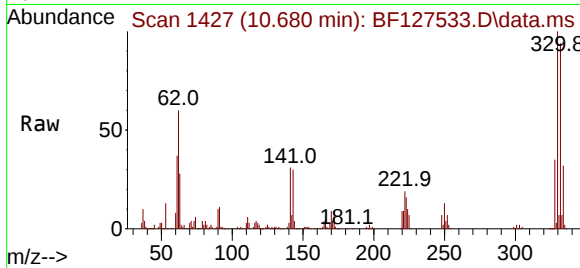




#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

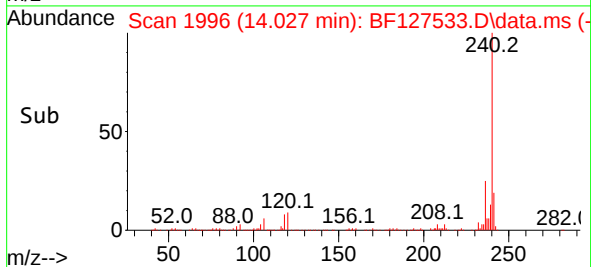
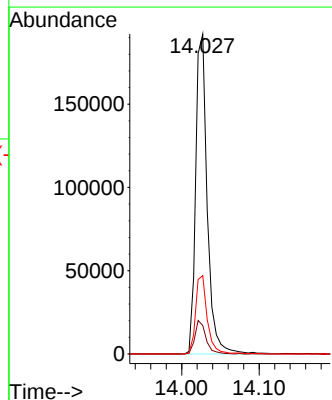
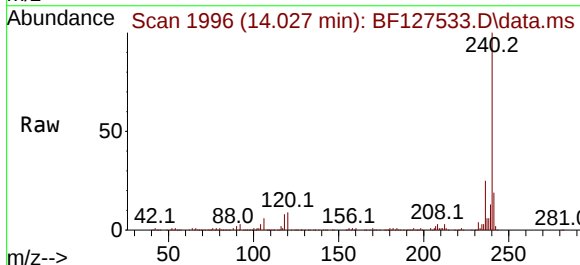
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

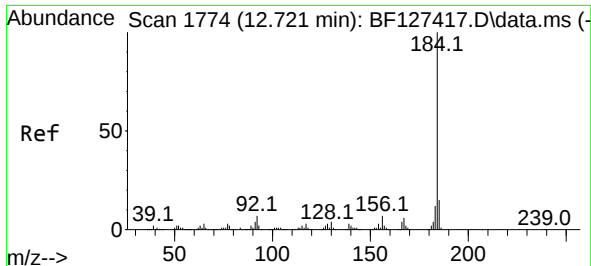
Tgt Ion:248 Resp: 16995
Ion Ratio Lower Upper
248 100
250 193.5 76.6 115.0#
141 452.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:240 Resp: 199521
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 24.5 20.7 31.1

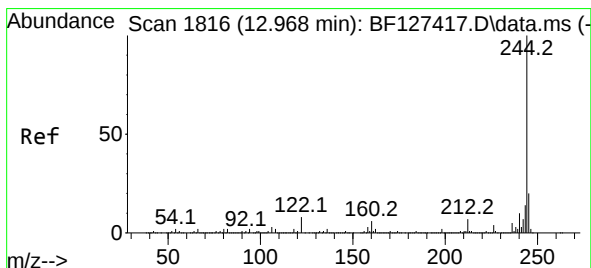
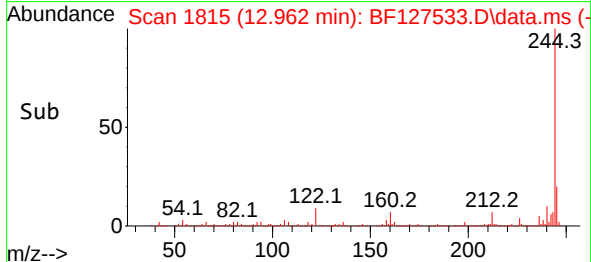
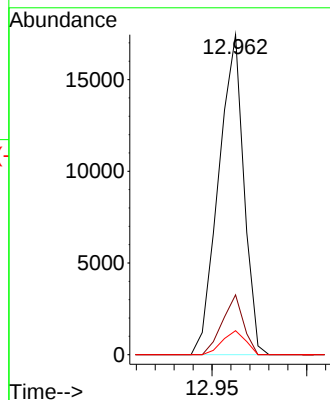
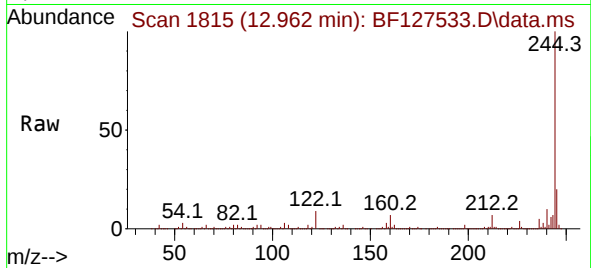




#77
Benzidine
Concen: 3.393 ng
RT: 12.962 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

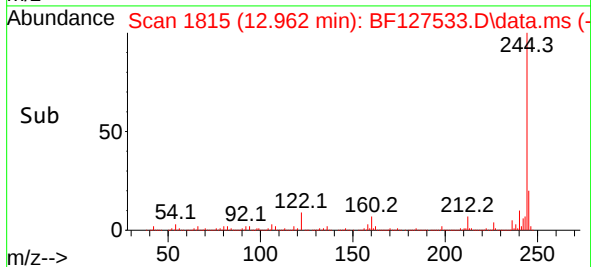
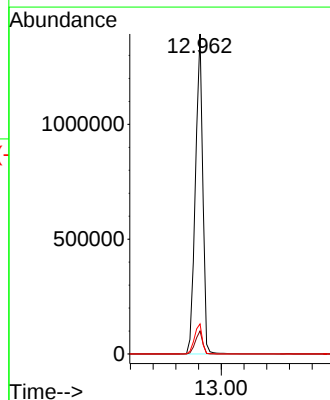
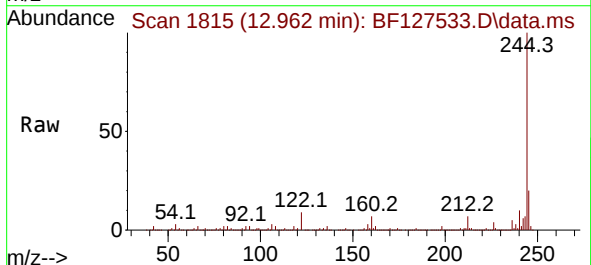
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-3

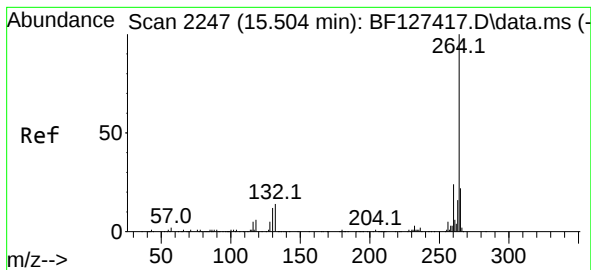
Tgt Ion:184 Resp: 16141
Ion Ratio Lower Upper
184 100
185 18.7 12.2 18.2#
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 103.396 ng
RT: 12.962 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127533.D
Acq: 25 Mar 2022 18:45

Tgt Ion:244 Resp: 1260194
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.4 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127533.D

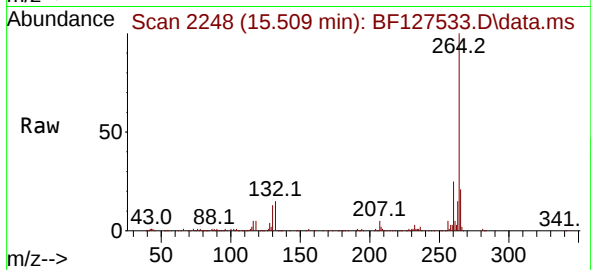
Acq: 25 Mar 2022 18:45

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-3



Tgt Ion:264 Resp: 171011

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 20.8 17.4 26.2

