

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127555.D
 Acq On : 28 Mar 2022 21:28
 Operator : CG\JU
 Sample : N2108-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R206

Quant Time: Mar 29 07:17:30 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)

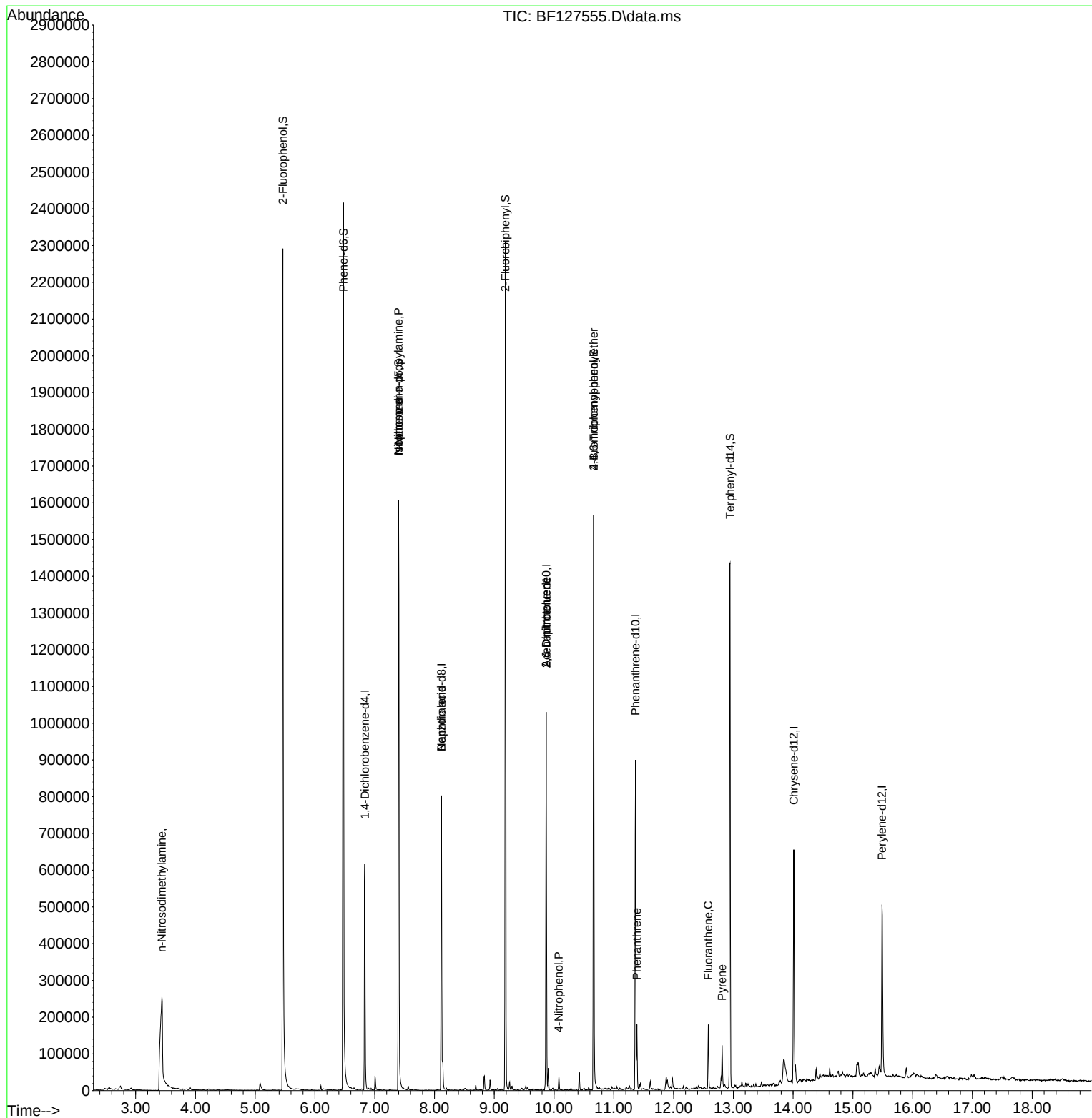
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	92053	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	341977	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	187841	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	308309	20.000	ng	0.00
76) Chrysene-d12	14.010	240	207186	20.000	ng	0.00
86) Perylene-d12	15.486	264	216986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	579288	100.450	ng	0.00
7) Phenol-d6	6.475	99	769831	97.658	ng	0.00
23) Nitrobenzene-d5	7.398	82	526681	65.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	163028	81.474	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	648757	50.433	ng	0.00
79) Terphenyl-d14	12.945	244	507917	40.132	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.440	42	15011	3.824	ng	# 1
9) Benzaldehyde	6.475	77	1164	Below Cal		# 7
19) n-Nitroso-di-n-propyla...	7.398	70	71620	15.157	ng	# 81
25) Isophorone	7.398	82	526675	41.333	ng	# 70
32) Benzoic acid	8.116	122	58	6.061	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	23912	8.717	ng	# 17
55) Dibenzofuran	10.081	168	14265	Below Cal		95
56) 4-Nitrophenol	10.081	139	4788	3.126	ng	# 1
57) 2,4-Dinitrotoluene	9.869	165	23912	6.772	ng	# 14
58) Fluorene	10.422	166	11969	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.663	248	10237	2.844	ng	# 1
71) Phenanthrene	11.386	178	57495	3.577	ng	98
75) Fluoranthene	12.580	202	64879	3.670	ng	97
78) Pyrene	12.810	202	47455	2.669	ng	97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

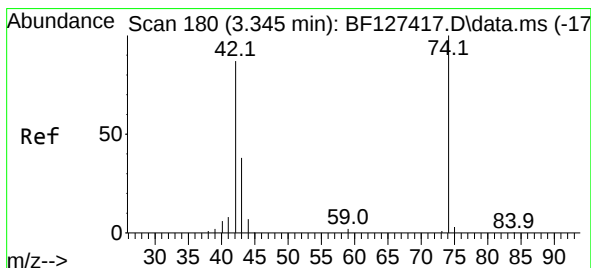
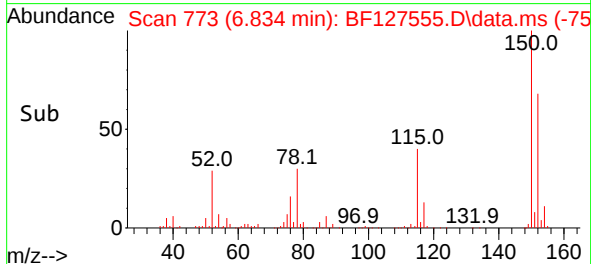
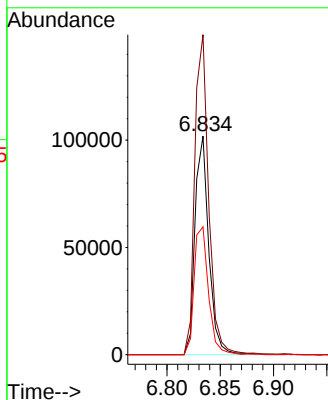
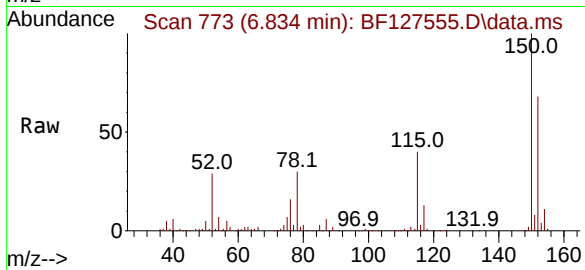




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127555.D
 Acq: 28 Mar 2022 21:28

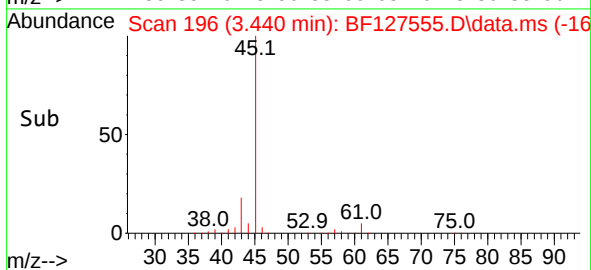
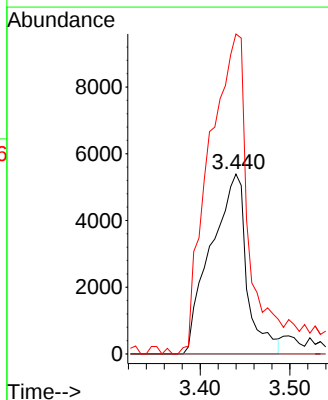
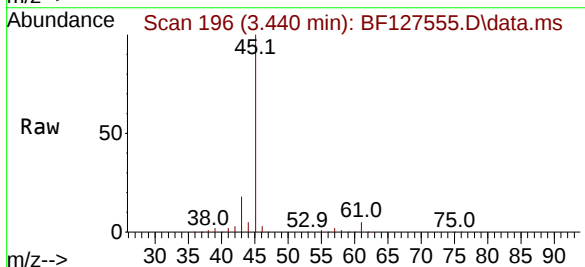
Instrument :
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 ClientSampleId :
 R206

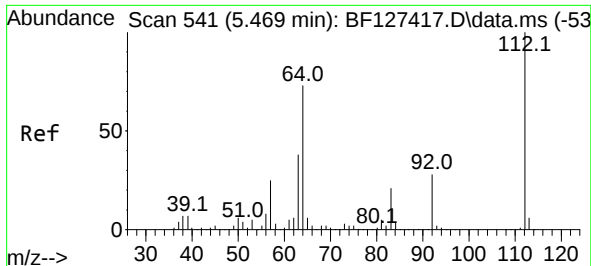
Tgt Ion:152 Resp: 92053
 Ion Ratio Lower Upper
 152 100
 150 146.4 117.2 175.8
 115 58.5 49.8 74.6



#4
 n-Nitrosodimethylamine
 Concen: 3.824 ng
 RT: 3.440 min Scan# 196
 Delta R.T. 0.112 min
 Lab File: BF127555.D
 Acq: 28 Mar 2022 21:28

Tgt Ion: 42 Resp: 15011
 Ion Ratio Lower Upper
 42 100
 74 0.0 92.4 138.6#
 44 178.0 6.0 9.0#

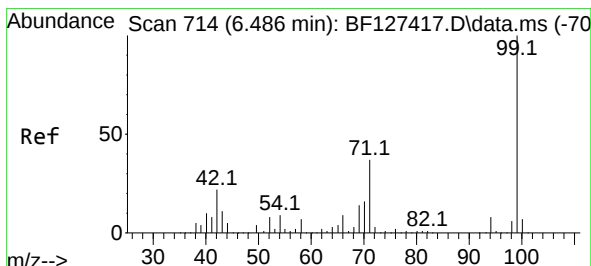
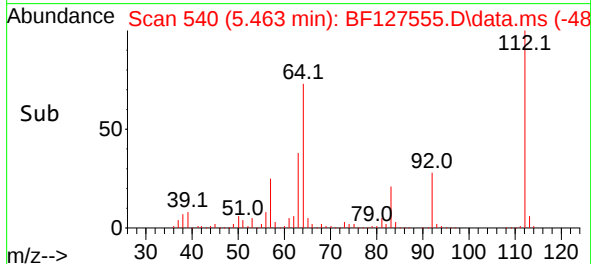
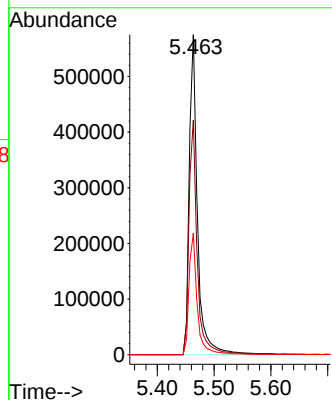
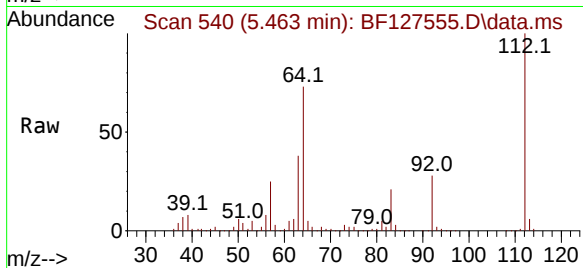




#5
2-Fluorophenol
Concen: 100.450 ng
RT: 5.463 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

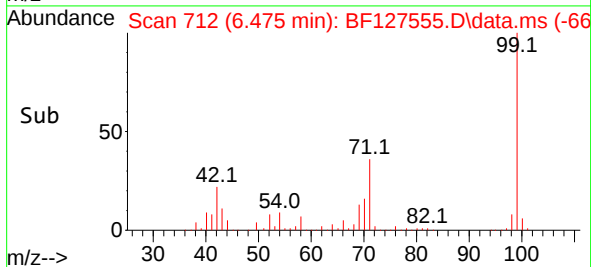
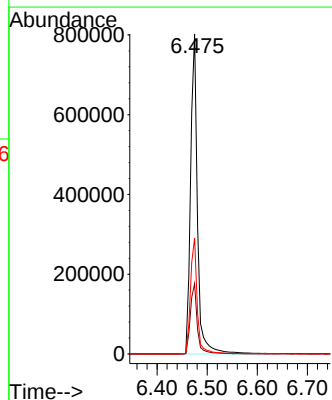
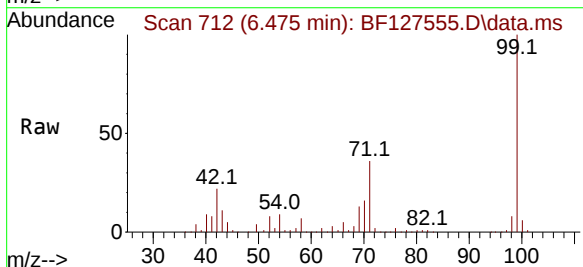
Instrument :
BNA_F
ClientSampleId :
R206

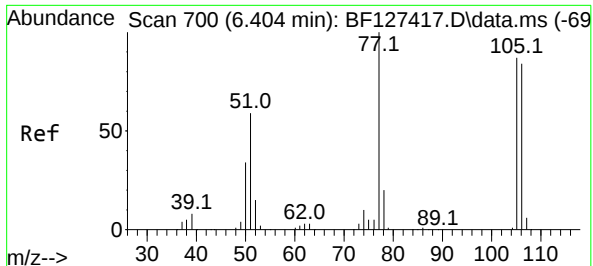
Tgt Ion:112 Resp: 579288
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 38.0 30.1 45.1



#7
Phenol-d6
Concen: 97.658 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion: 99 Resp: 769831
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 36.2 29.6 44.4





#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 712

Delta R.T. 0.083 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

Instrument :

BNA_F

ClientSampleId :

R206

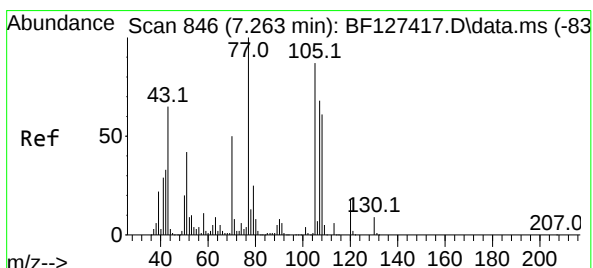
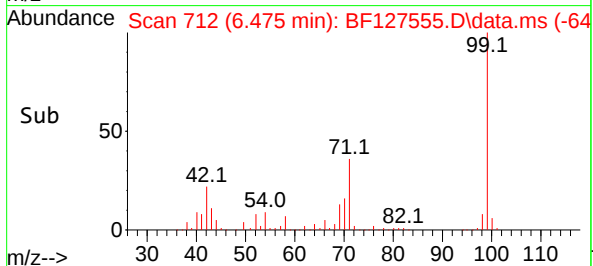
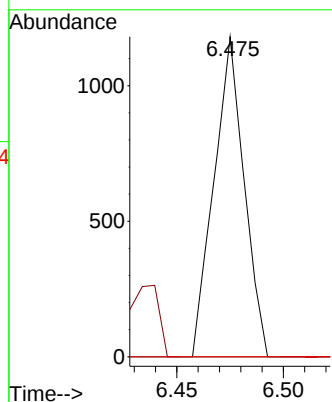
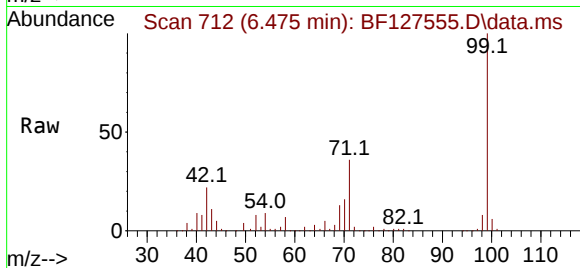
Tgt Ion: 77 Resp: 1164

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: 15.157 ng

RT: 7.398 min Scan# 869

Delta R.T. 0.147 min

Lab File: BF127555.D

Acq: 28 Mar 2022 21:28

Tgt Ion: 70 Resp: 71620

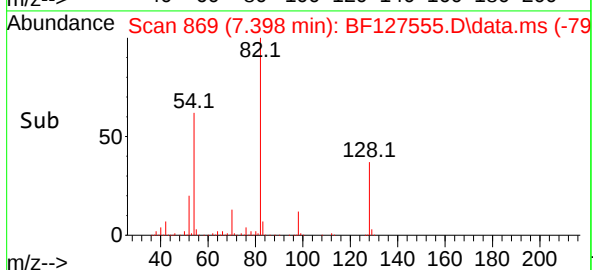
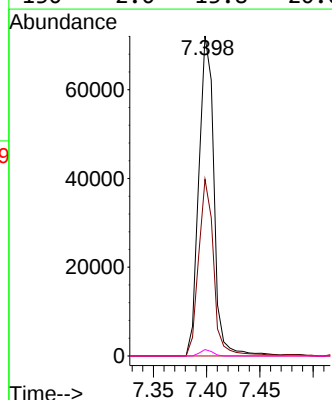
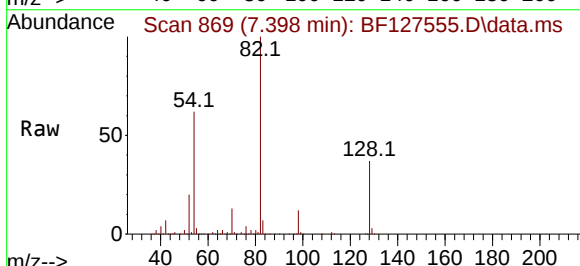
Ion Ratio Lower Upper

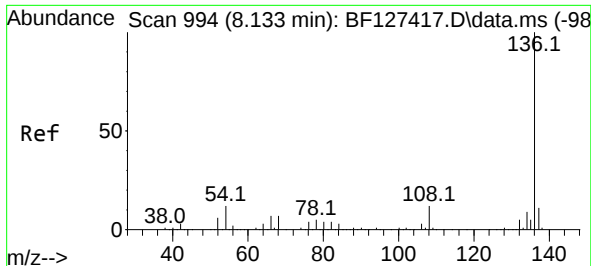
70 100

42 55.2 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#

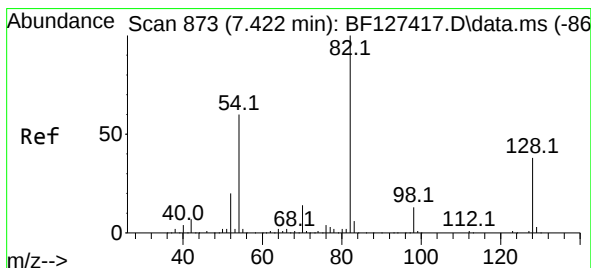
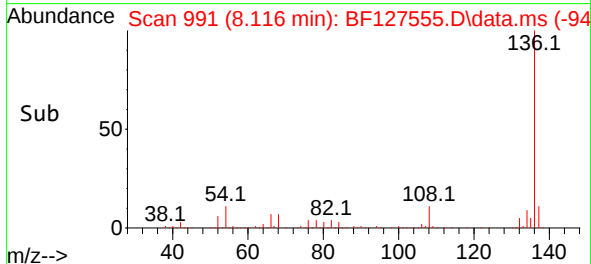
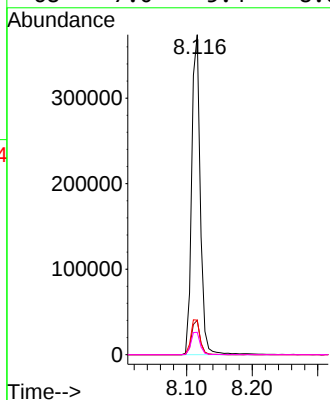
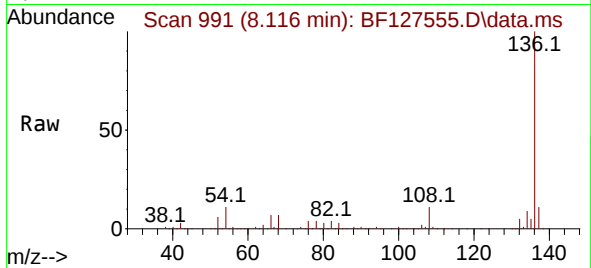




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

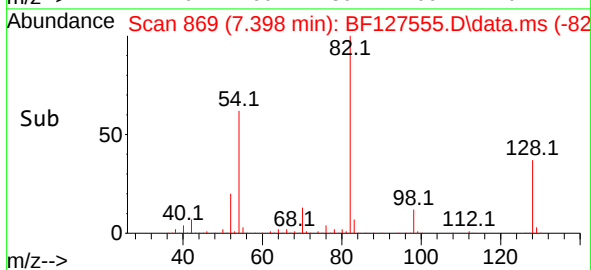
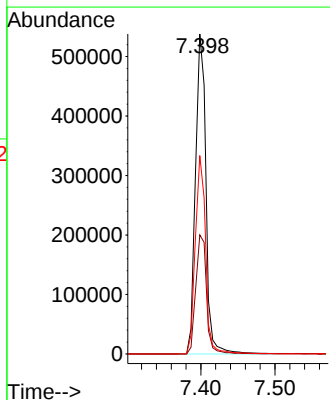
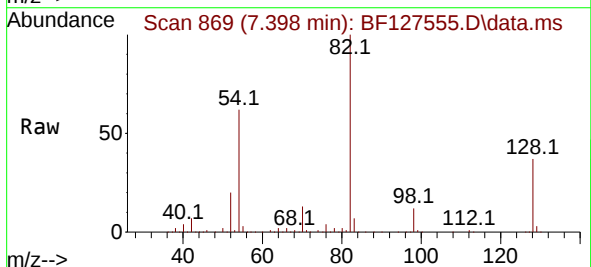
Instrument :
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ClientSampleId :
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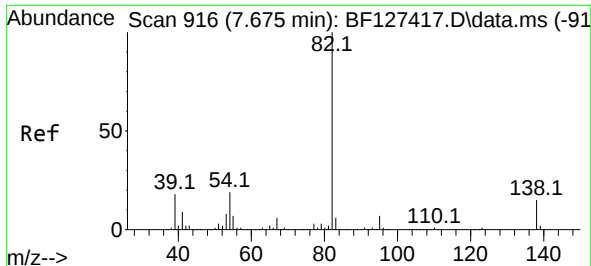
Tgt Ion:136 Resp: 341977
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.8 9.2 13.8
68 7.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 65.833 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.011 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion: 82 Resp: 526681
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 62.0 48.2 72.2

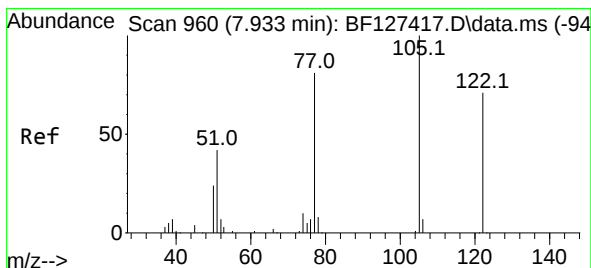
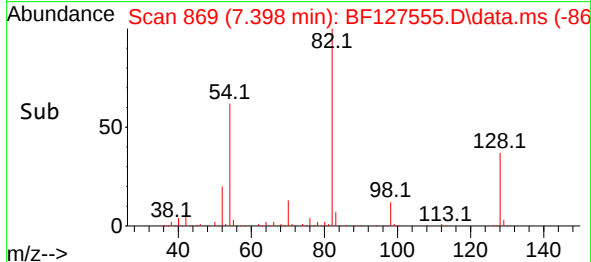
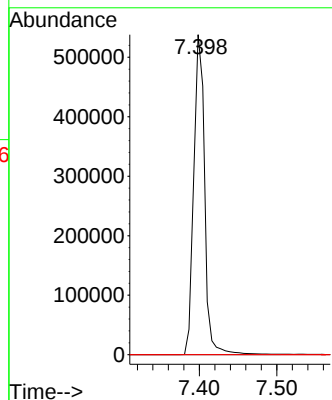
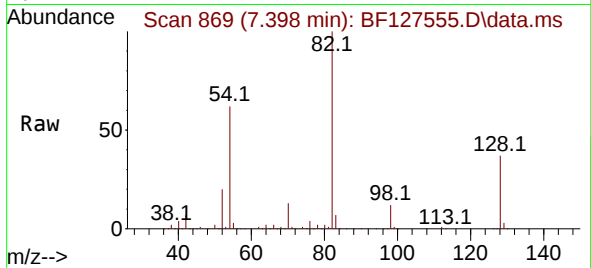




#25
Isophorone
Concen: 41.333 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

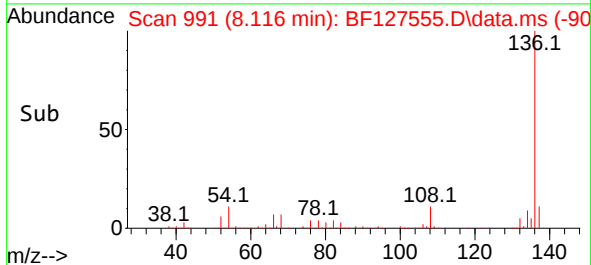
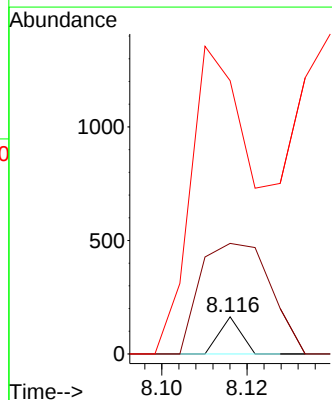
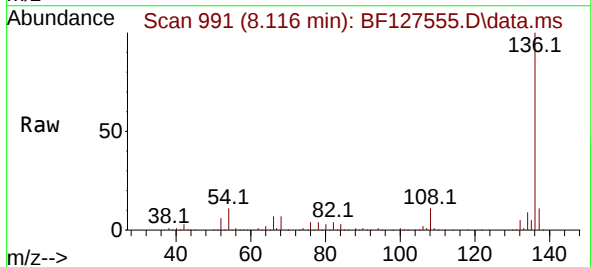
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ClientSampleId :
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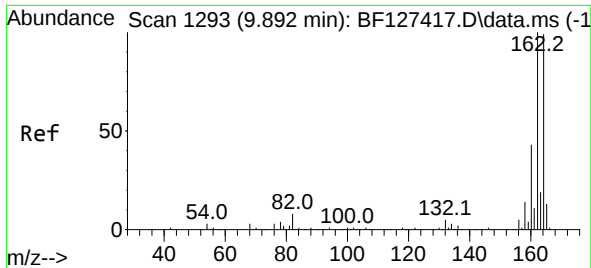
Tgt Ion: 82 Resp: 526675
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.061 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.188 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 297.0 117.1 157.1#
77 733.5 93.0 133.0#

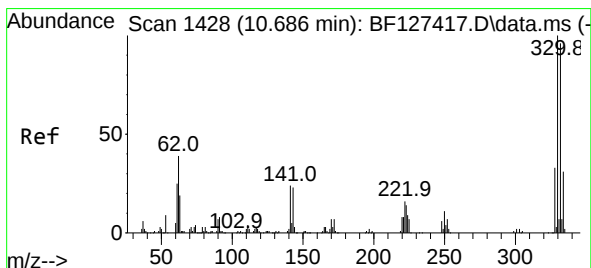
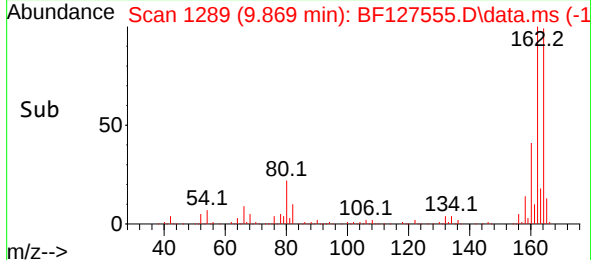
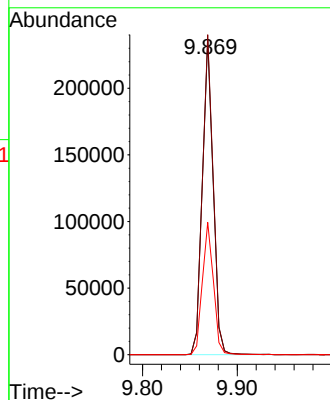
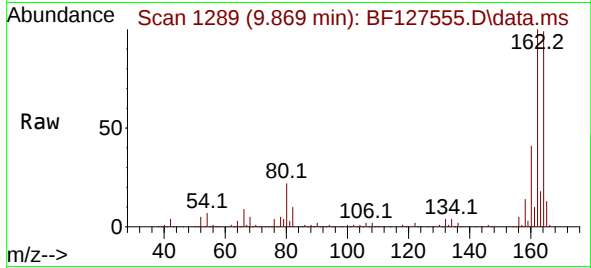




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

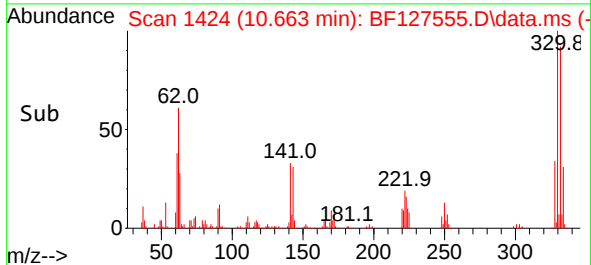
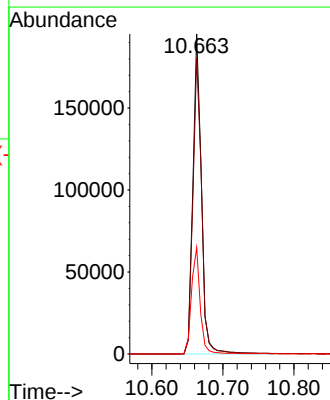
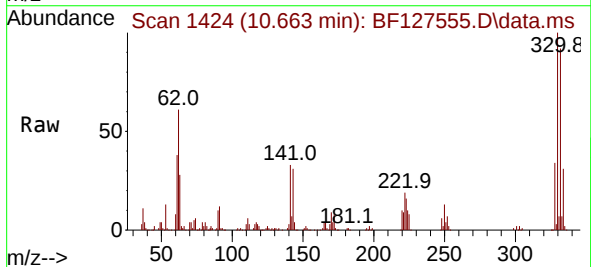
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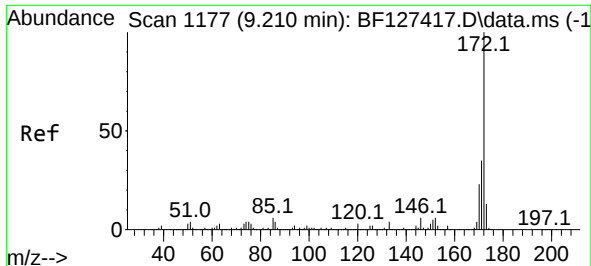
Tgt Ion:164 Resp: 187841
Ion Ratio Lower Upper
164 100
162 101.5 81.2 121.8
160 41.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 81.474 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:330 Resp: 163028
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 34.0 26.2 39.4

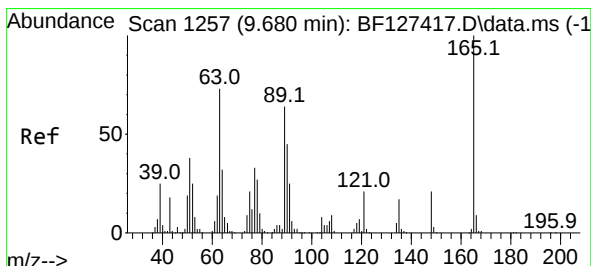
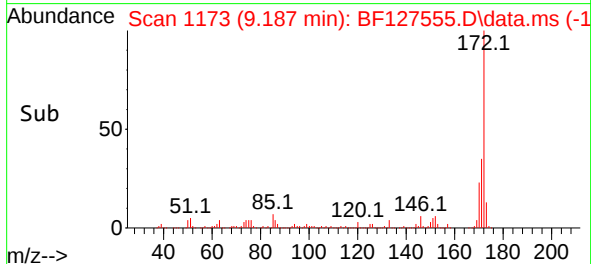
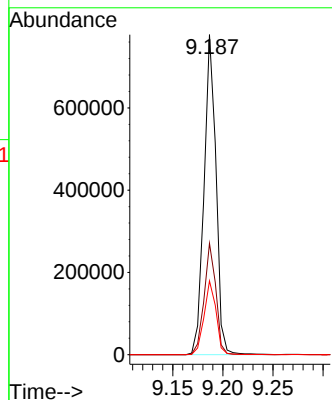
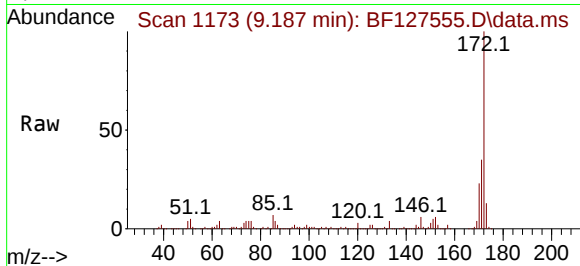




#45
2-Fluorobiphenyl
Concen: 50.433 ng
RT: 9.187 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

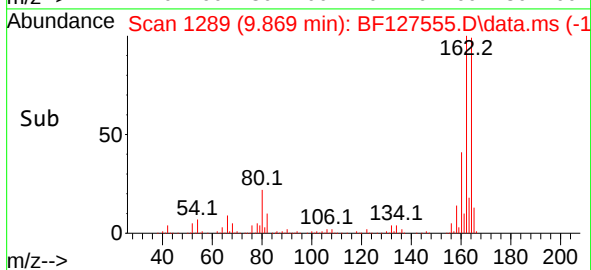
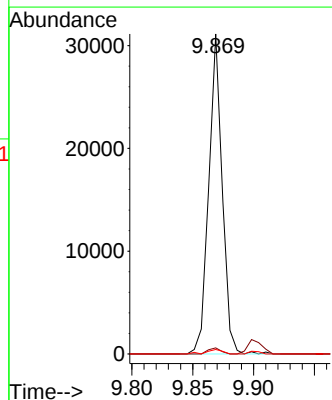
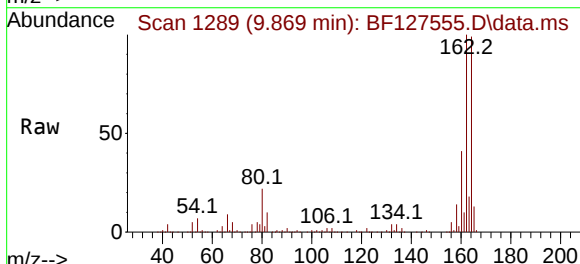
Instrument :
BNA_F
ClientSampleId :
R206

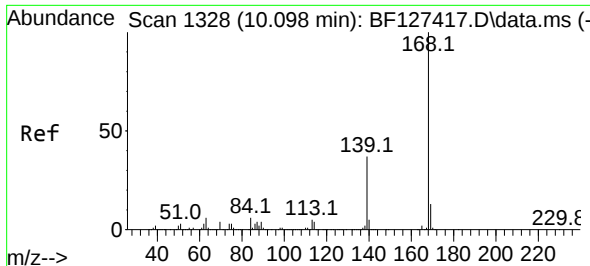
Tgt Ion:172 Resp: 648757
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.717 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:165 Resp: 23912
Ion Ratio Lower Upper
165 100
63 1.9 58.3 87.5#
89 1.4 51.5 77.3#

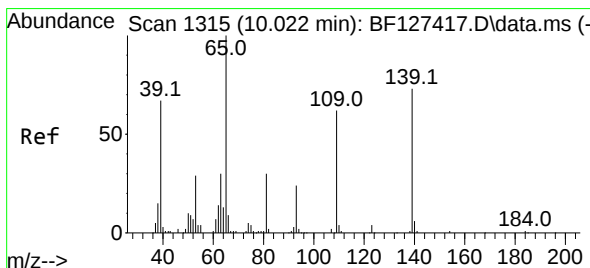
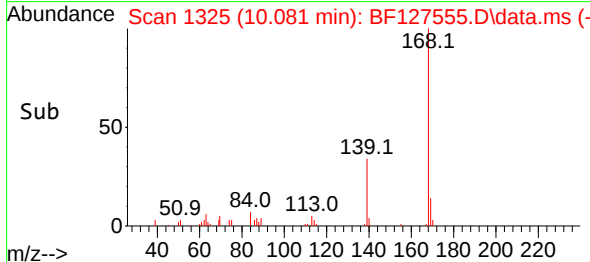
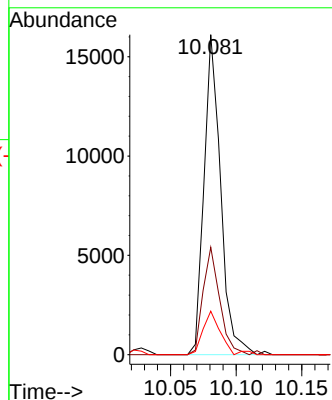
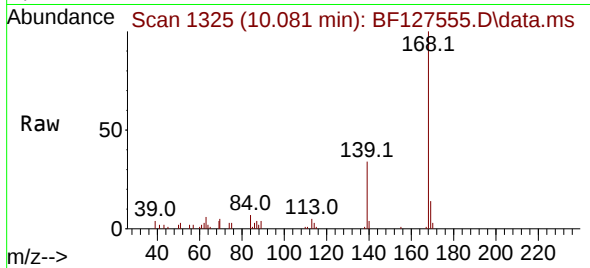




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.081 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

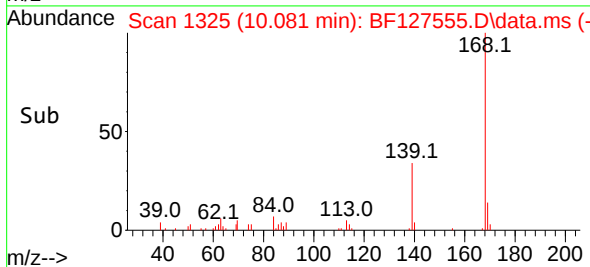
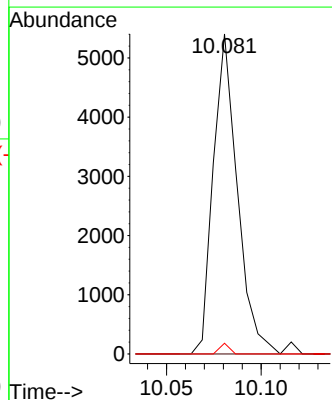
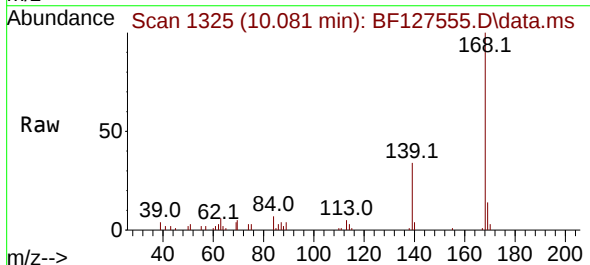
Instrument :
BNA_F
ClientSampleId :
R206

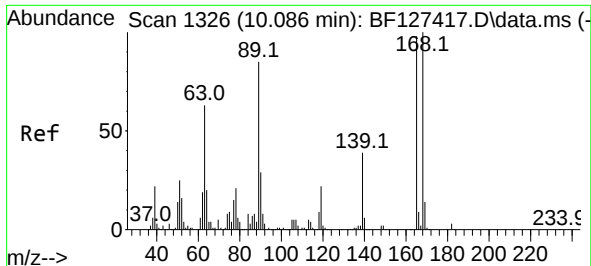
Tgt Ion:168 Resp: 14265
Ion Ratio Lower Upper
168 100
139 33.6 30.3 45.5
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 3.126 ng
RT: 10.081 min Scan# 1325
Delta R.T. 0.065 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:139 Resp: 4788
Ion Ratio Lower Upper
139 100
109 0.0 64.3 104.3#
65 3.3 117.5 157.5#

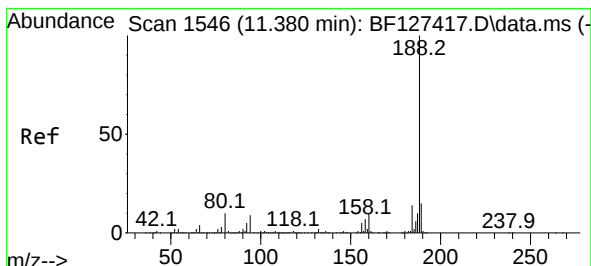
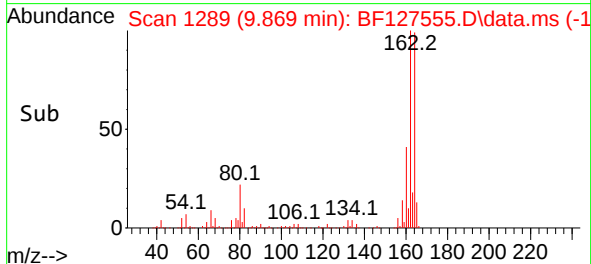
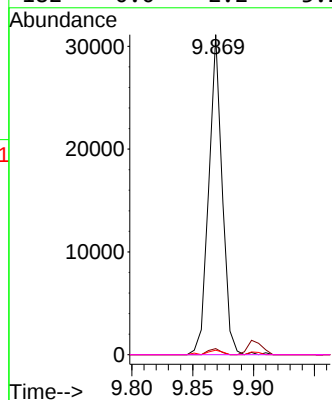
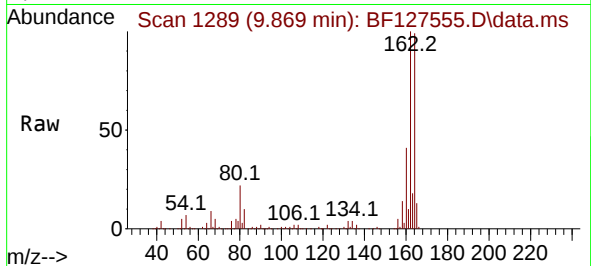




#57
2,4-Dinitrotoluene
Concen: 6.772 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

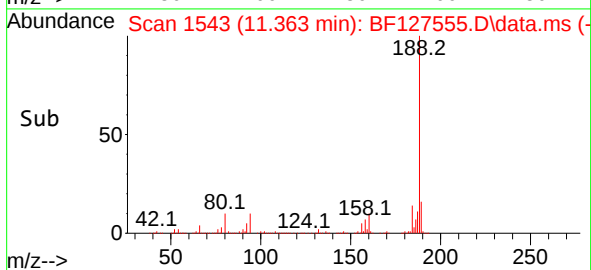
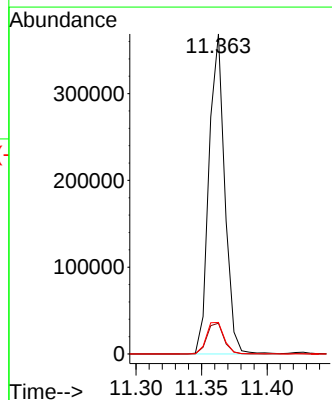
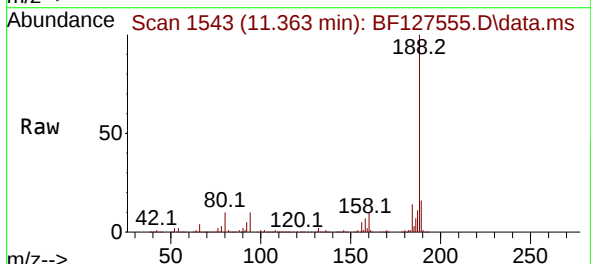
Instrument :
BNA_F
ClientSampleId :
R206

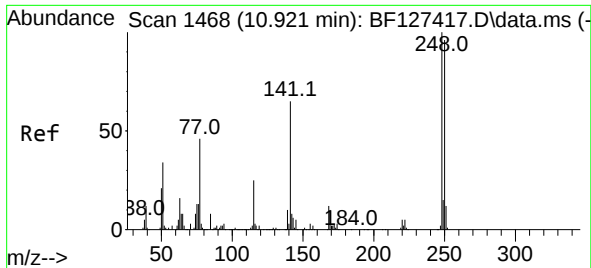
Tgt Ion:165 Resp: 23912
Ion Ratio Lower Upper
165 100
63 1.9 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:188 Resp: 308309
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 9.9 8.0 12.0

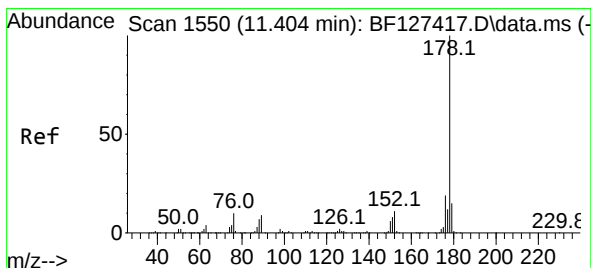
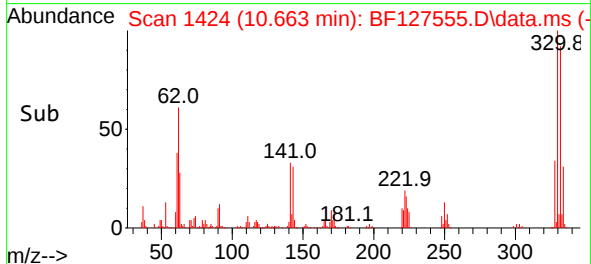
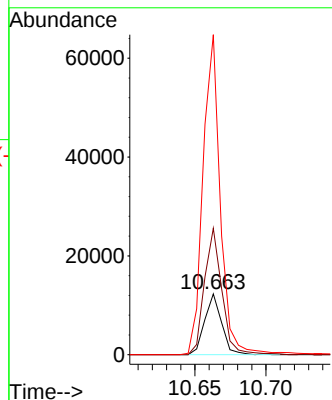
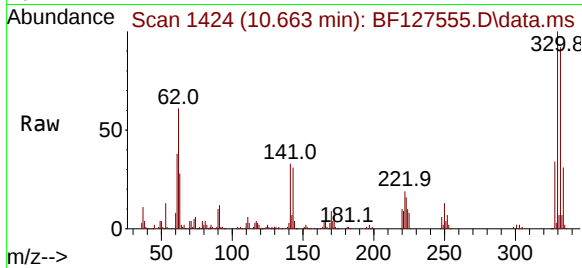




#67
4-Bromophenyl-phenylether
Concen: 2.844 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

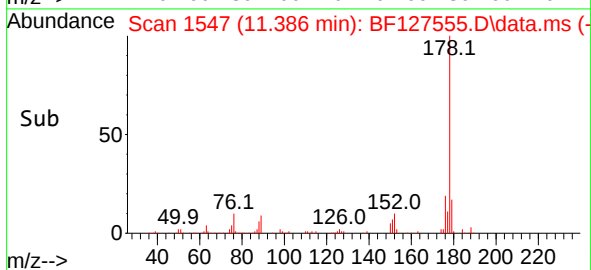
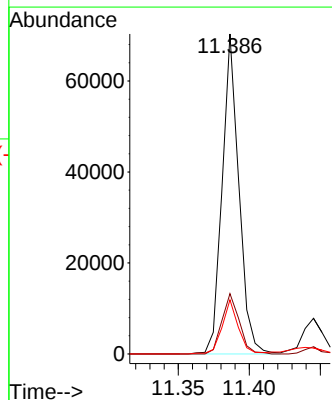
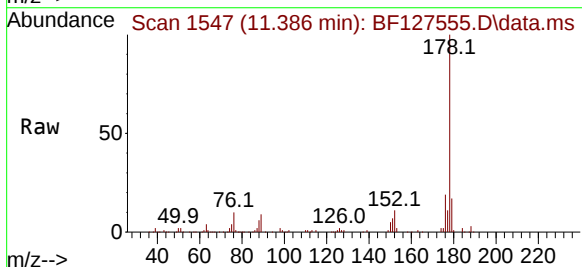
Instrument :
BNA_F
ClientSampleId :
R206

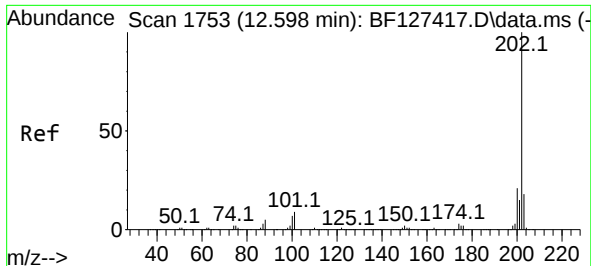
Tgt Ion:248 Resp: 10237
Ion Ratio Lower Upper
248 100
250 208.2 76.6 115.0#
141 526.7 52.2 78.2#



#71
Phenanthrene
Concen: 3.577 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:178 Resp: 57495
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.9 12.4 18.6

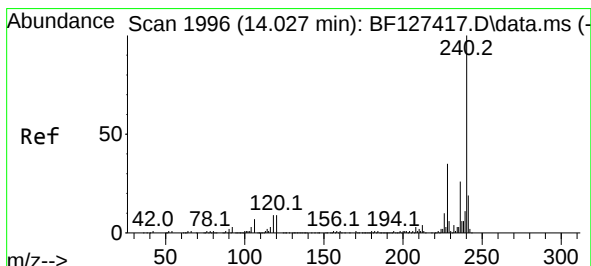
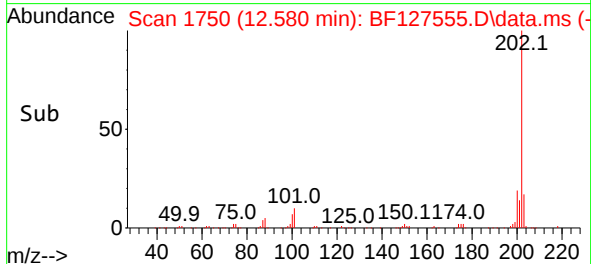
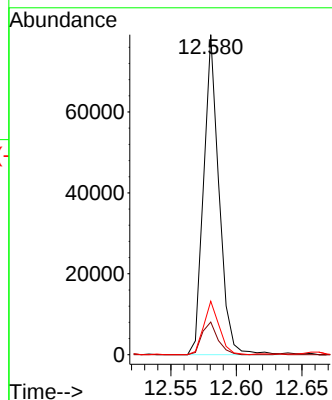
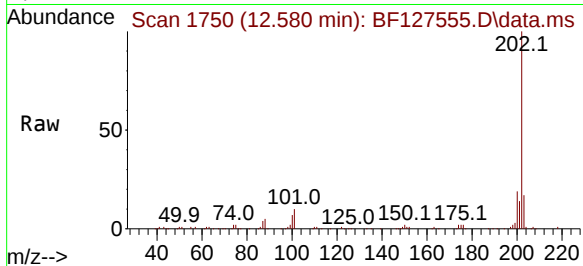




#75
Fluoranthene
Concen: 3.670 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

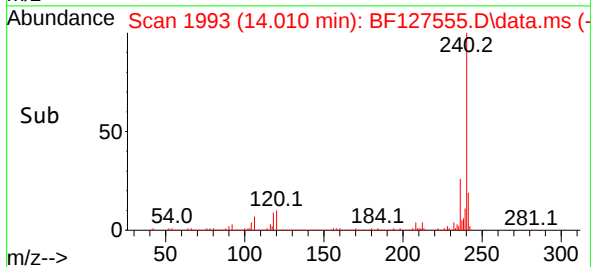
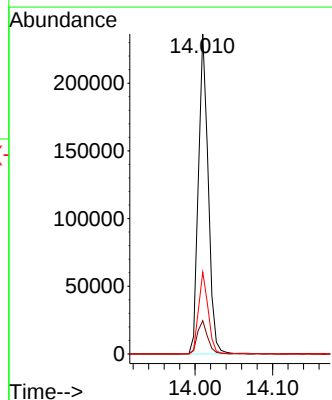
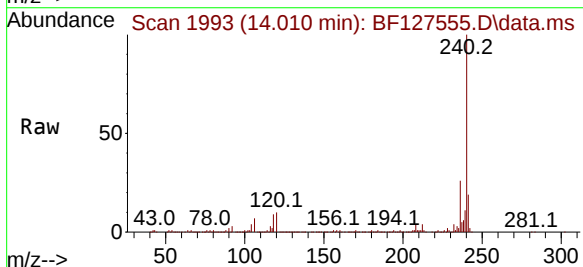
Instrument :
BNA_F
ClientSampleId :
R206

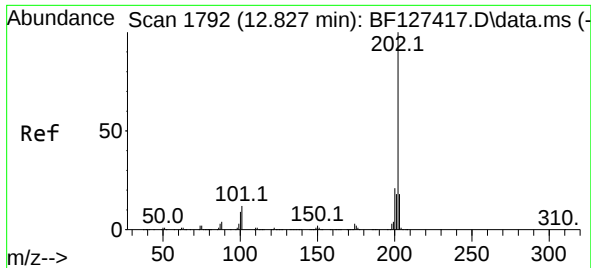
Tgt Ion:202 Resp: 64879
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.0
203 16.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Tgt Ion:240 Resp: 207186
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.6 20.7 31.1

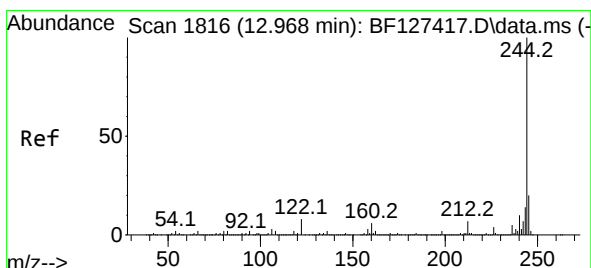
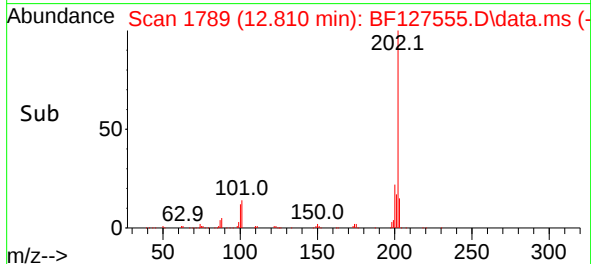
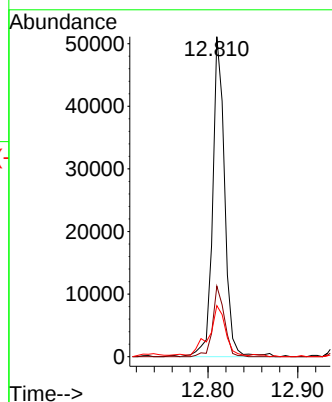
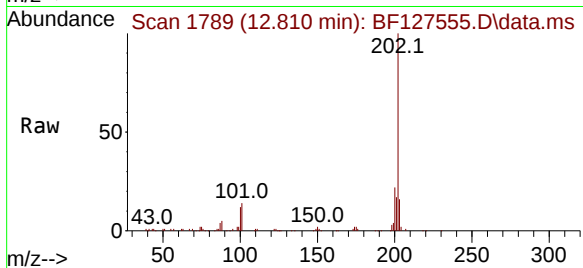




#78
 Pyrene
 Concen: 2.669 ng
 RT: 12.810 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127555.D
 Acq: 28 Mar 2022 21:28

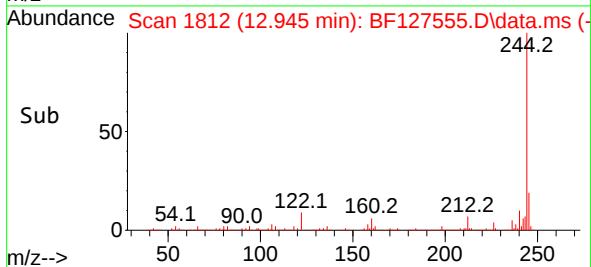
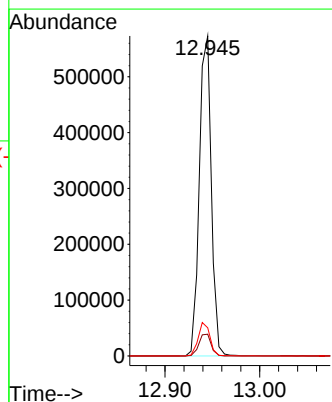
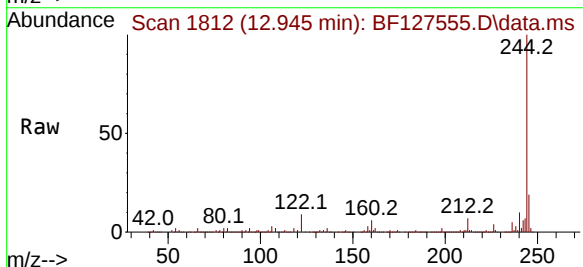
Instrument :
 BNA_F
 ClientSampleId :
 R206

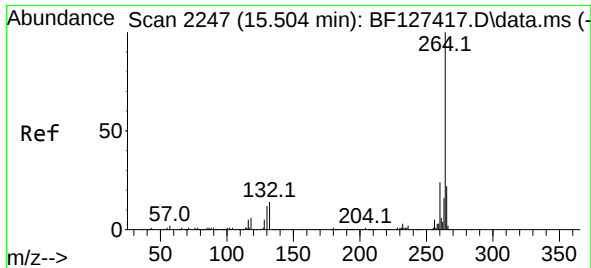
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	16.0	14.3	21.5



#79
 Terphenyl-d14
 Concen: 40.132 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127555.D
 Acq: 28 Mar 2022 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	8.8	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127555.D
Acq: 28 Mar 2022 21:28

Instrument :
BNA_F
ClientSampleId :
R206

Tgt Ion:264 Resp: 216986

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.0	17.4	26.2

