

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041422\
 Data File : BF127795.D
 Acq On : 14 Apr 2022 15:49
 Operator : CG\JU
 Sample : N2389-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33637-8

Quant Time: Apr 15 05:06:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

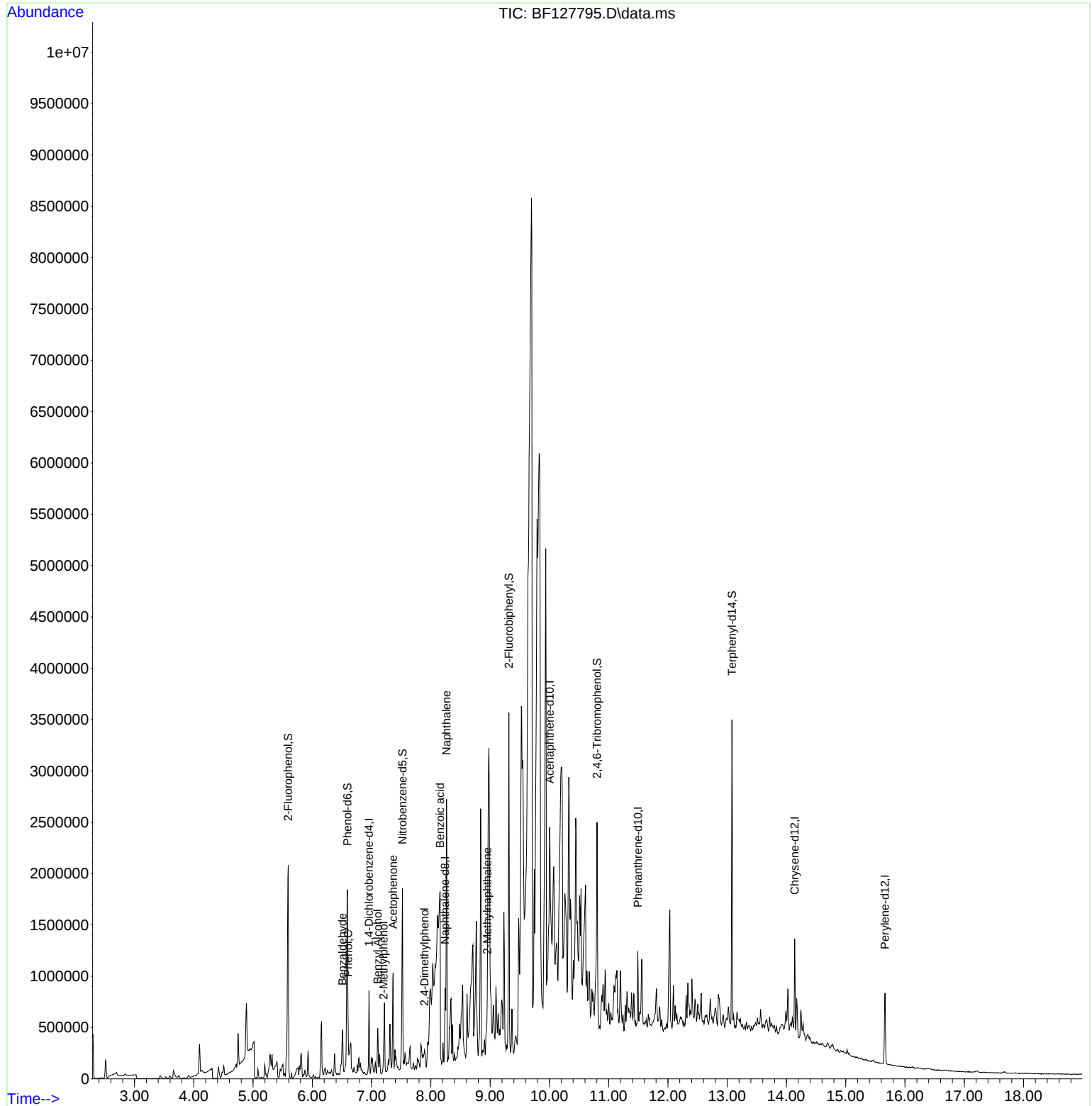
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	102009	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	333906	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	141070	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	260510	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	313388	20.000	ng	0.00
86) Perylene-d12	15.662	264	341921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	623503	99.318	ng	0.01
7) Phenol-d6	6.592	99	662642	80.684	ng	0.00
23) Nitrobenzene-d5	7.522	82	559670	74.724	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	184085	122.626	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	897415	89.994	ng	0.00
79) Terphenyl-d14	13.080	244	1054928	55.563	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	60929	8.776	ng	95
10) Phenol	6.604	94	110558	13.463	ng	94
15) Benzyl Alcohol	7.104	79	65395	9.108	ng	98
17) 2-Methylphenol	7.204	107	35008	6.320	ng	99
22) Acetophenone	7.363	105	198157	22.085	ng	# 81
27) 2,4-Dimethylphenol	7.892	122	14306	2.800	ng	# 88
31) Naphthalene	8.263	128	1068302	61.057	ng	98
32) Benzoic acid	8.157	122	1726344	465.789	ng	98
37) 2-Methylnaphthalene	8.951	142	27008	2.308	ng	99

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

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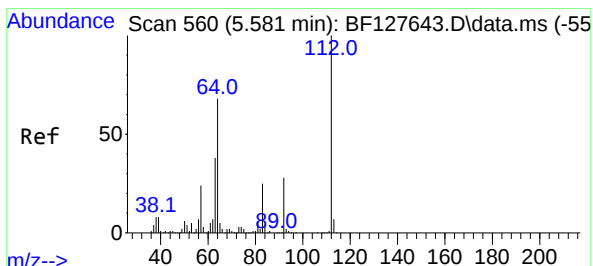
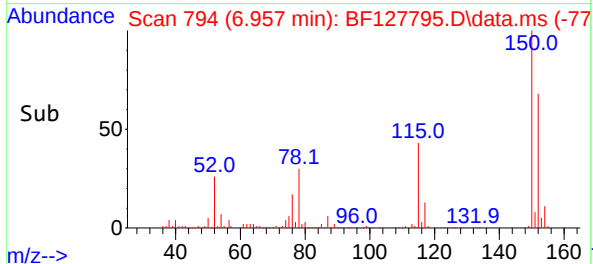
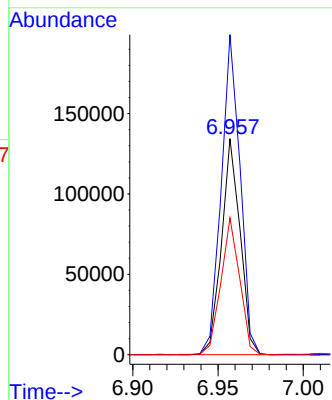
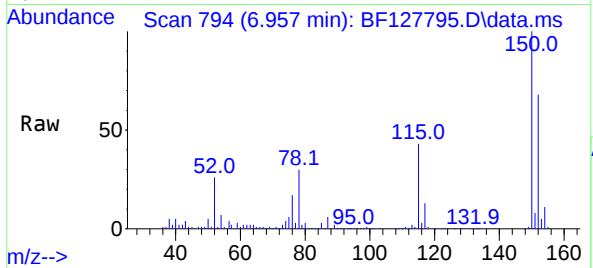




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

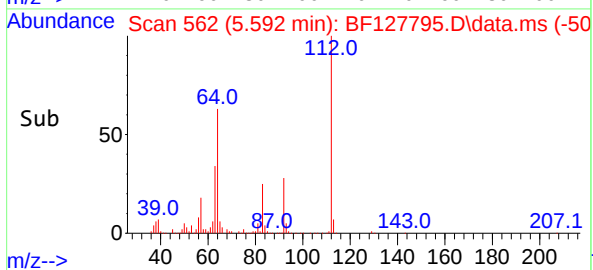
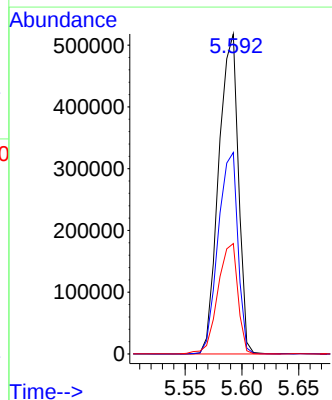
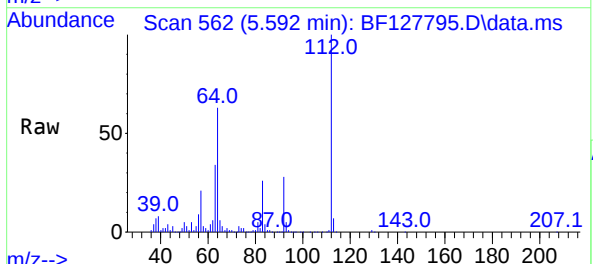
Instrument :
BNA_F
ClientSampleId :
33637-8

Tgt Ion:152 Resp: 102009
Ion Ratio Lower Upper
152 100
150 148.1 117.2 175.8
115 63.4 49.8 74.6



#5
2-Fluorophenol
Concen: 99.318 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion:112 Resp: 623503
Ion Ratio Lower Upper
112 100
64 63.0 58.4 87.6
63 34.5 30.1 45.1

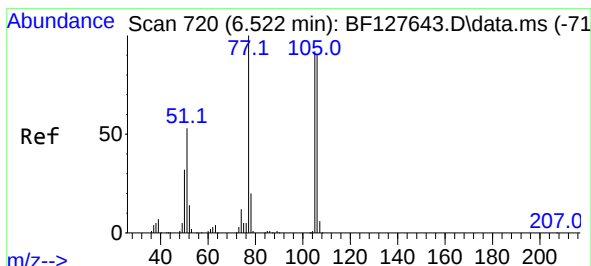
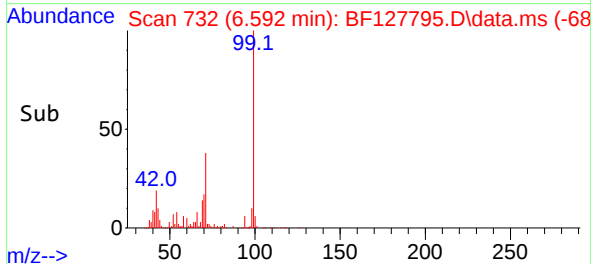
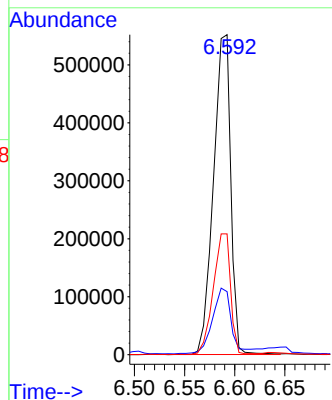
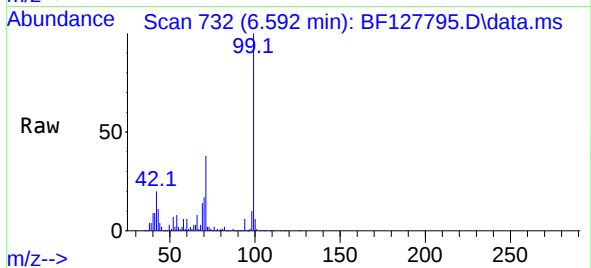




#7
Phenol-d6
Concen: 80.684 ng
RT: 6.592 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

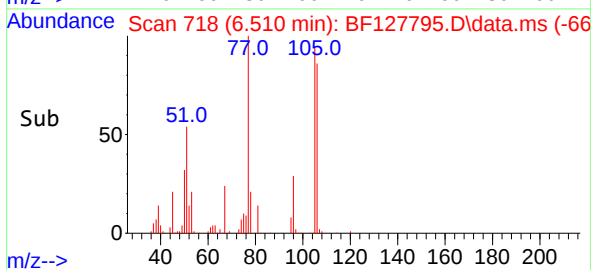
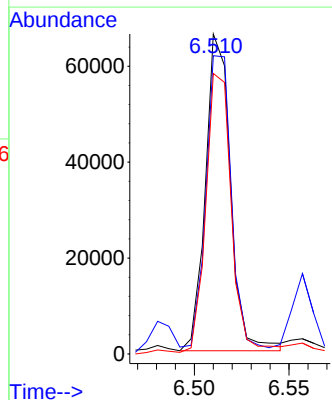
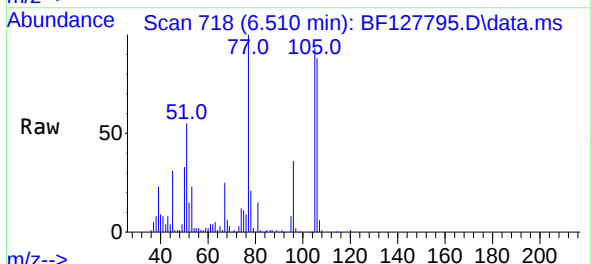
Instrument :
BNA_F
ClientSampleId :
33637-8

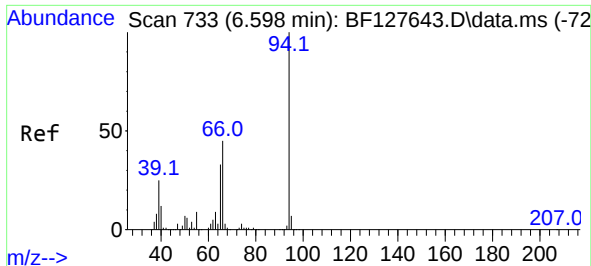
Tgt Ion: 99 Resp: 662642
Ion Ratio Lower Upper
99 100
42 19.7 17.8 26.6
71 37.8 29.6 44.4



#9
Benzaldehyde
Concen: 8.776 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 77 Resp: 60929
Ion Ratio Lower Upper
77 100
105 93.2 66.8 106.8
106 87.6 64.3 104.3

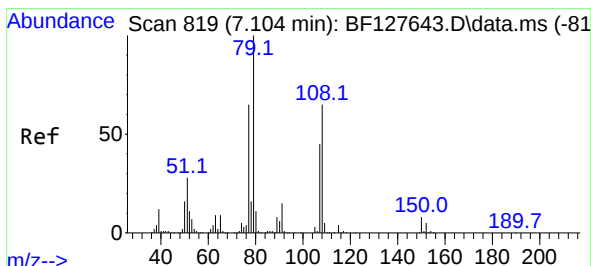
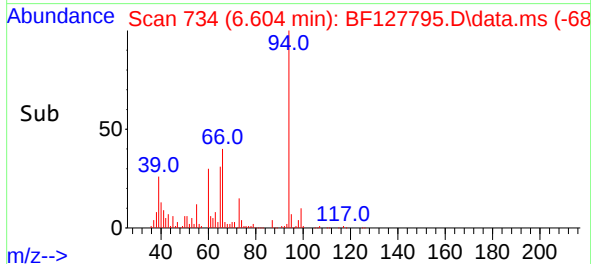
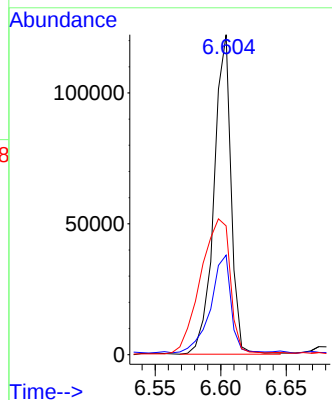
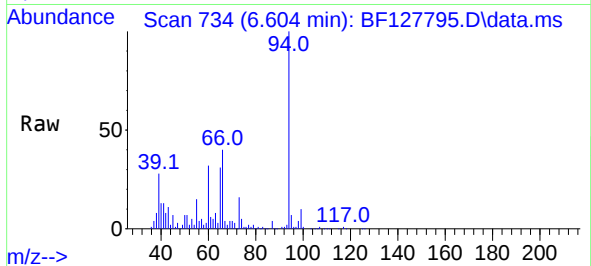




#10
Phenol
Concen: 13.463 ng
RT: 6.604 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

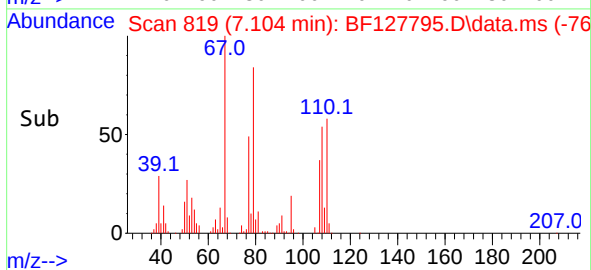
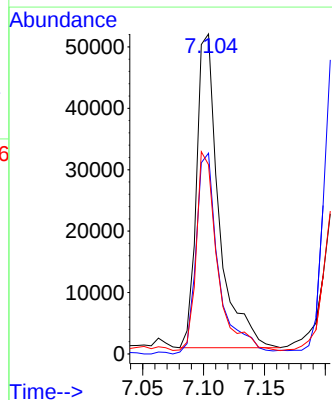
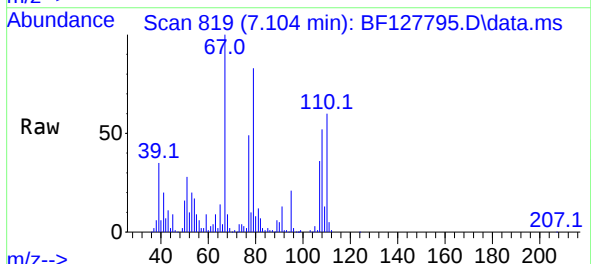
Instrument :
BNA_F
ClientSampleId :
33637-8

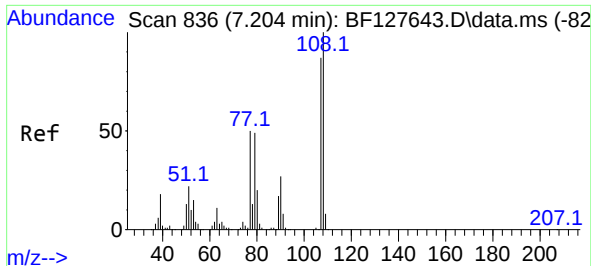
Tgt Ion: 94 Resp: 110558
Ion Ratio Lower Upper
94 100
65 31.1 13.1 53.1
66 40.3 24.9 64.9



#15
Benzyl Alcohol
Concen: 9.108 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion: 79 Resp: 65395
Ion Ratio Lower Upper
79 100
108 62.7 52.2 78.2
77 59.2 48.3 72.5



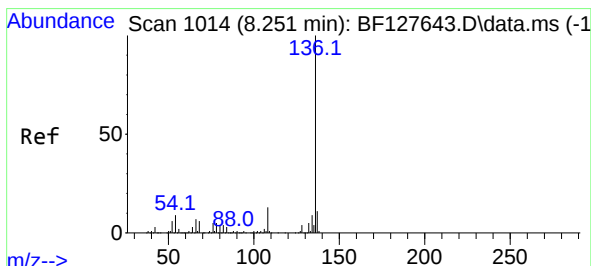
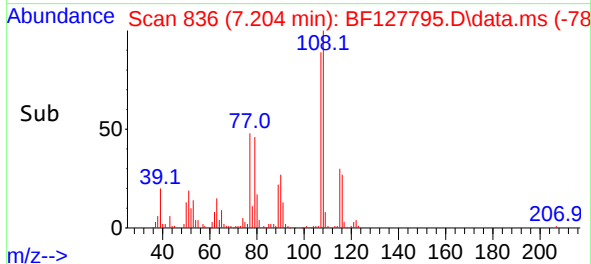
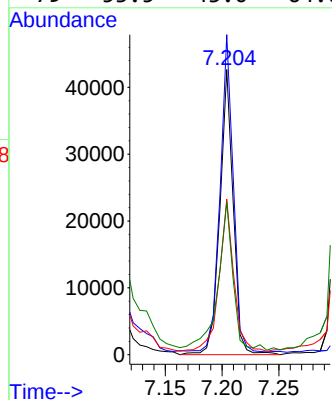
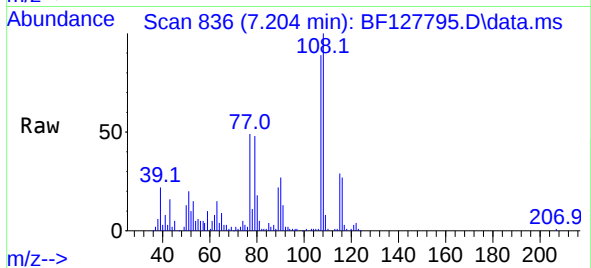


#17
2-Methylphenol
Concen: 6.320 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Instrument :
BNA_F
ClientSampleId :
33637-8

Tgt Ion:107 Resp: 35008

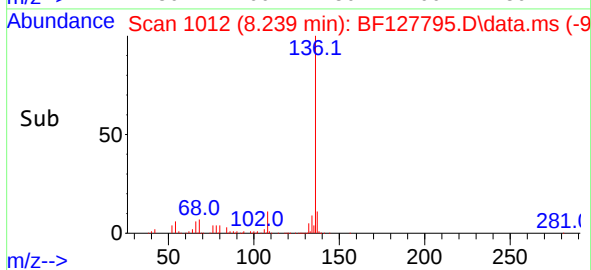
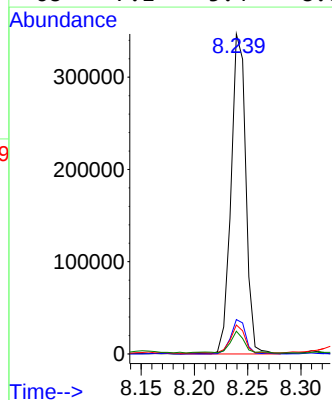
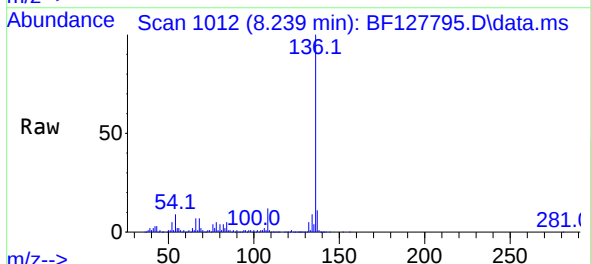
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.7	136.1
77	54.5	42.9	64.3
79	53.5	43.0	64.6

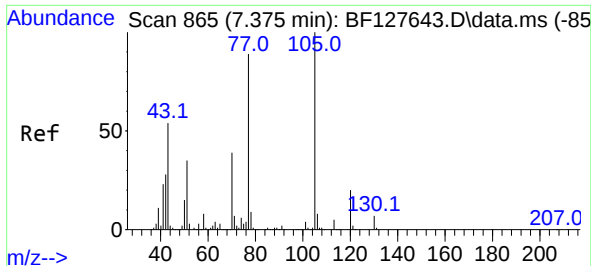


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion:136 Resp: 333906

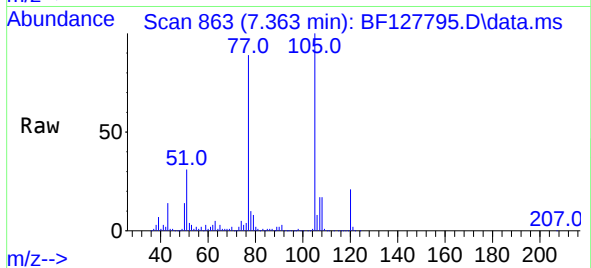
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.0	9.2	13.8#
68	7.1	5.4	8.0



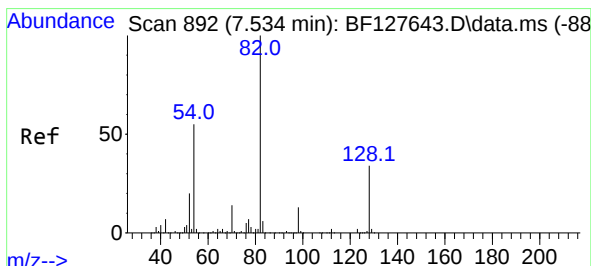
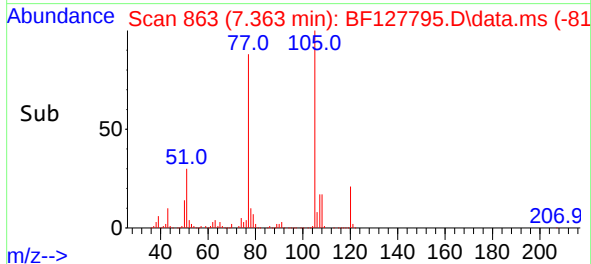
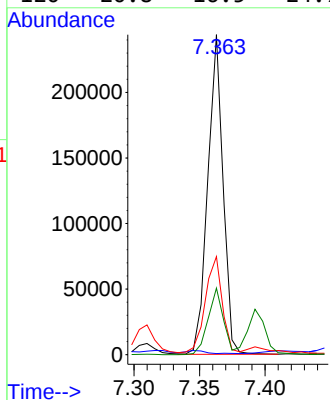


#22
Acetophenone
Concen: 22.085 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Instrument :
BNA_F
ClientSampleId :
33637-8

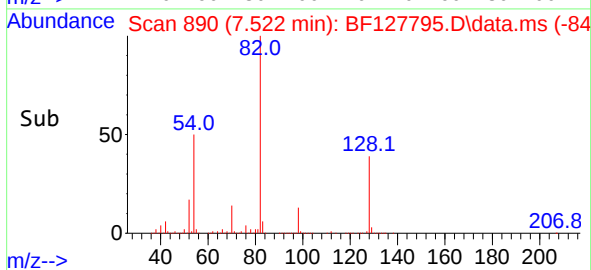
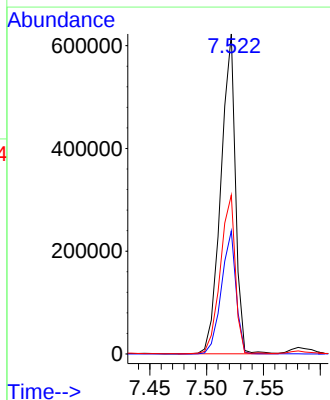
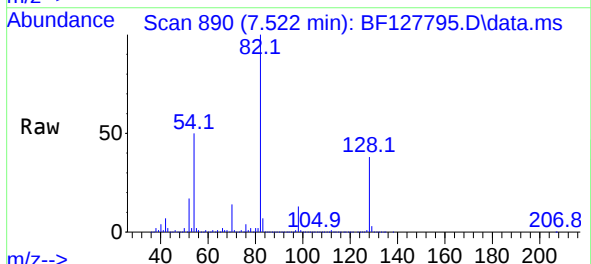


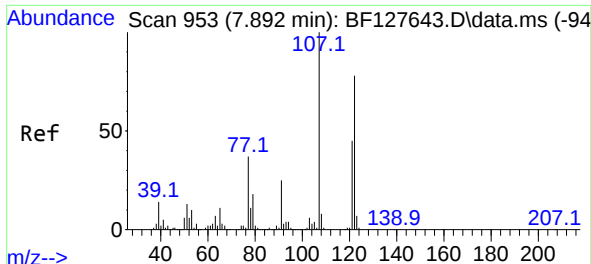
Tgt Ion:105 Resp: 198157
Ion Ratio Lower Upper
105 100
71 0.3 7.3 10.9#
51 30.7 38.8 58.2#
120 20.8 16.5 24.7



#23
Nitrobenzene-d5
Concen: 74.724 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

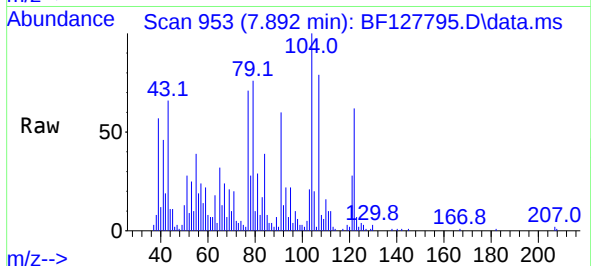
Tgt Ion: 82 Resp: 559670
Ion Ratio Lower Upper
82 100
128 38.5 30.6 45.8
54 49.6 48.2 72.2



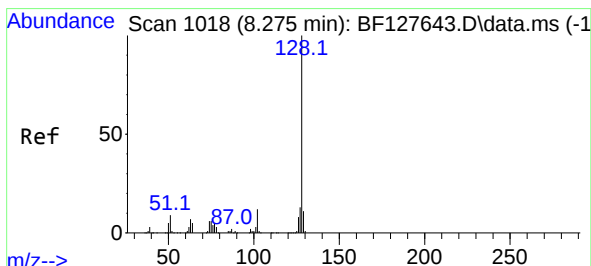
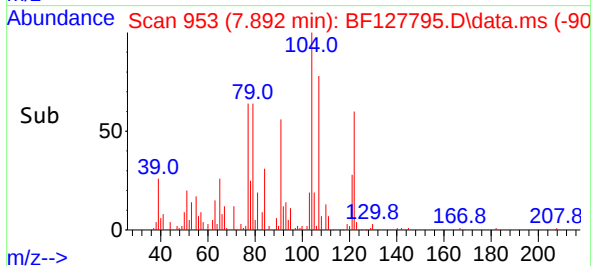
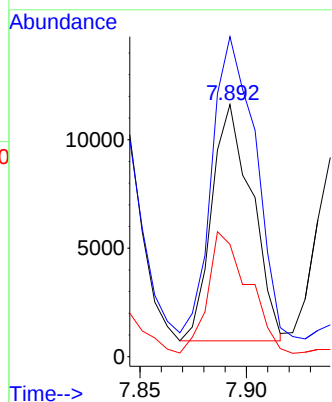


#27
2,4-Dimethylphenol
Concen: 2.800 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Instrument :
BNA_F
ClientSampleId :
33637-8

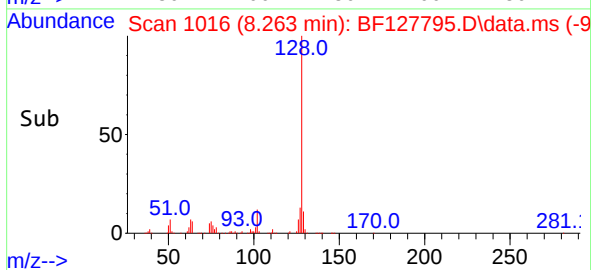
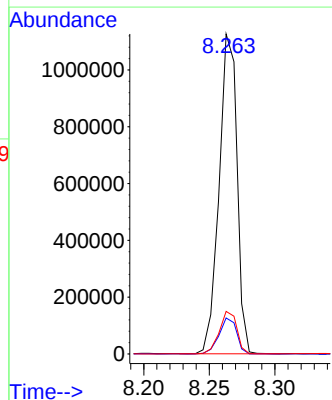
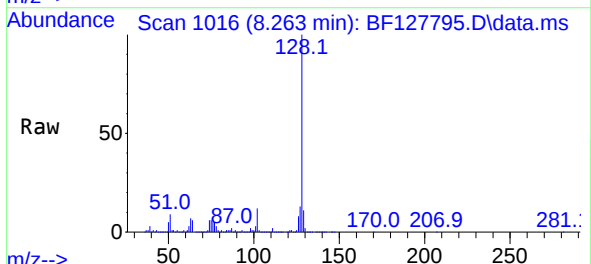


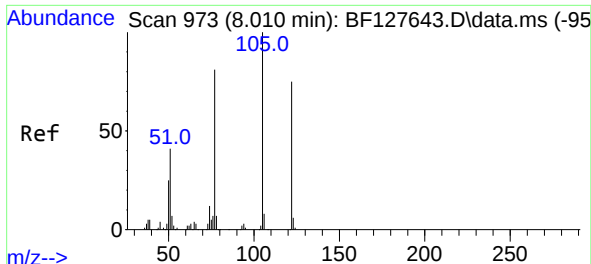
Tgt Ion:122 Resp: 14306
Ion Ratio Lower Upper
122 100
107 126.9 93.0 139.4
121 44.5 44.9 67.3#



#31
Naphthalene
Concen: 61.057 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion:128 Resp: 1068302
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.3 10.2 15.2

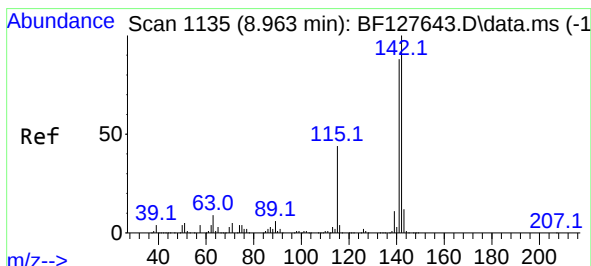
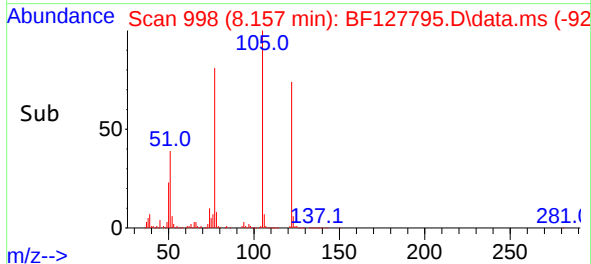
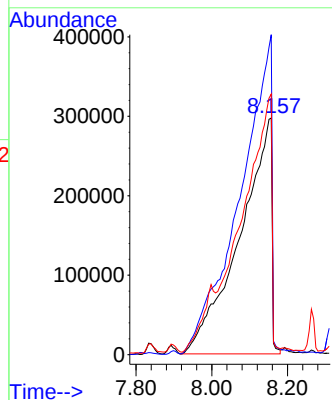
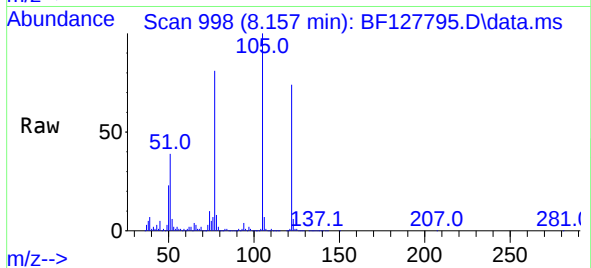




#32
Benzoic acid
Concen: 465.789 ng
RT: 8.157 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

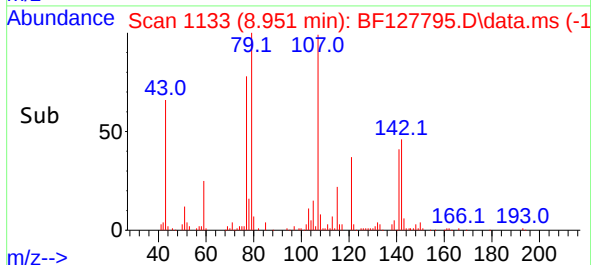
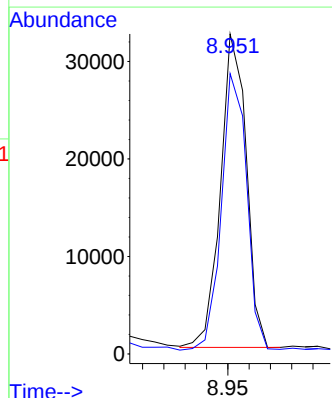
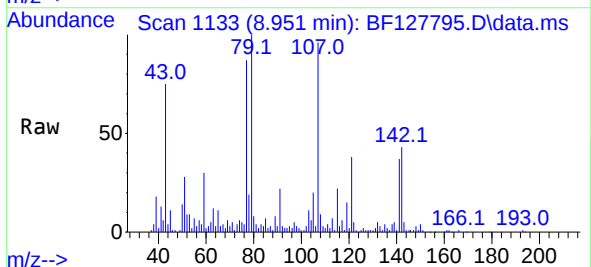
Instrument :
BNA_F
ClientSampleId :
33637-8

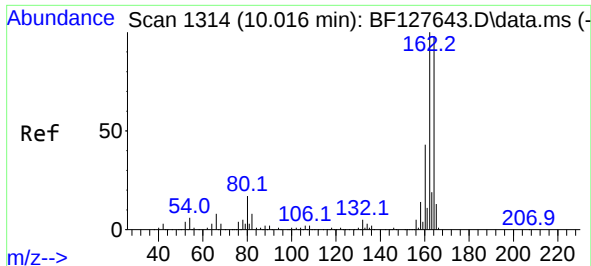
Tgt Ion:122 Resp: 1726344
Ion Ratio Lower Upper
122 100
105 135.2 117.1 157.1
77 110.2 93.0 133.0



#37
2-Methylnaphthalene
Concen: 2.308 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion:142 Resp: 27008
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0

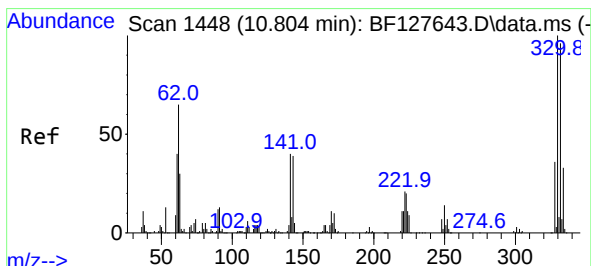
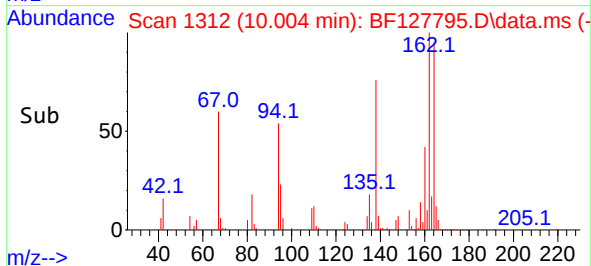
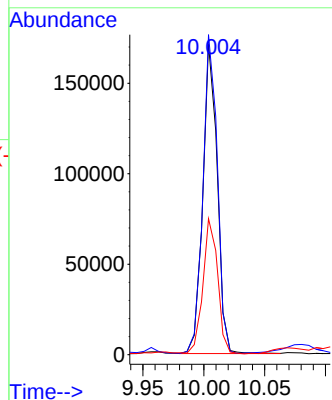
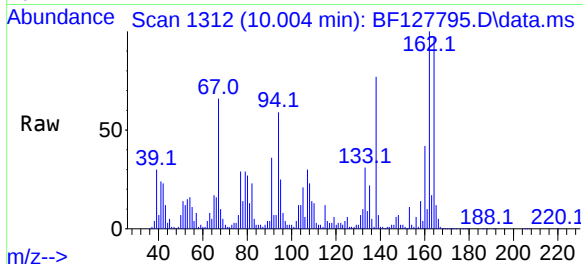




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

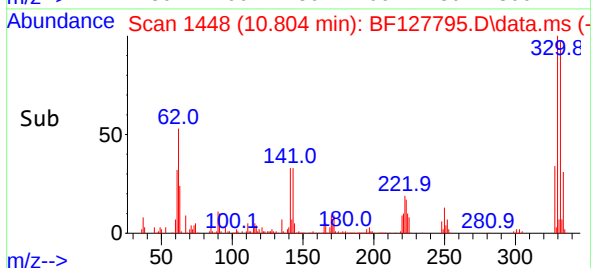
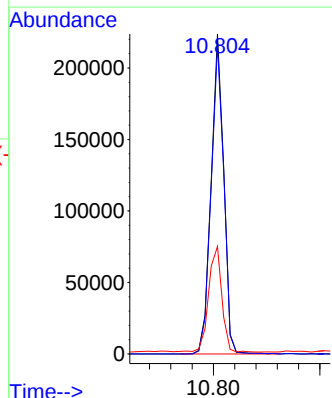
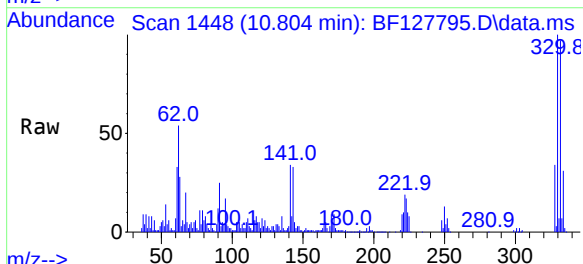
Instrument :
BNA_F
ClientSampleId :
33637-8

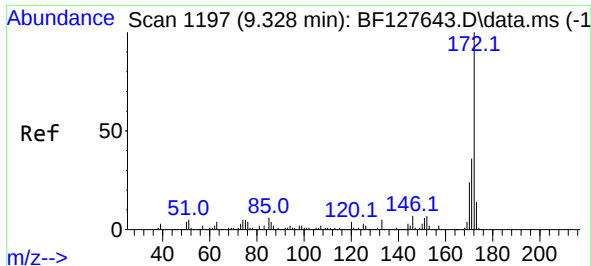
Tgt Ion:164 Resp: 141070
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 43.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 122.626 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

Tgt Ion:330 Resp: 184085
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 34.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 89.994 ng

RT: 9.316 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127795.D

Acq: 14 Apr 2022 15:49

Instrument :

BNA_F

ClientSampleId :

33637-8

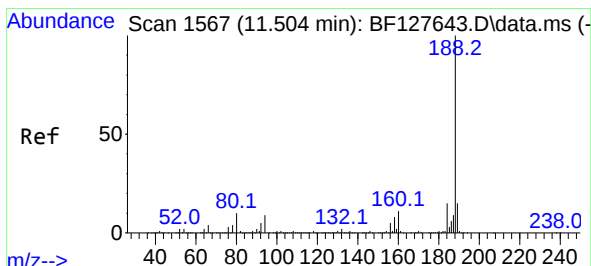
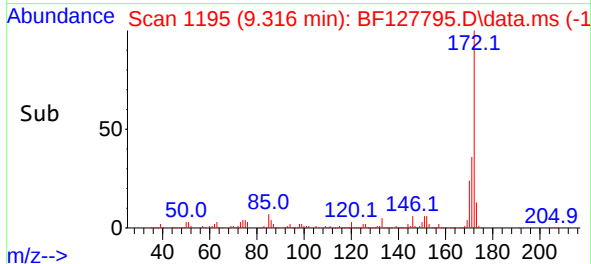
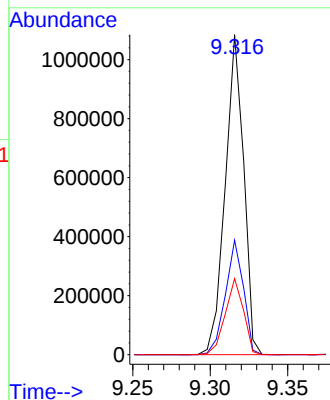
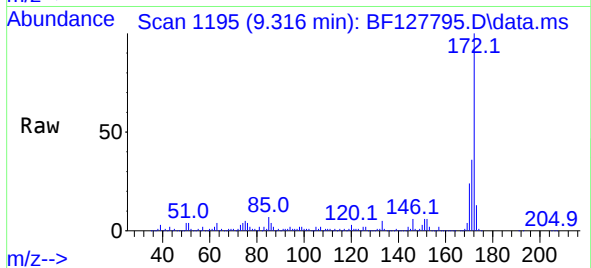
Tgt Ion:172 Resp: 897415

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 18.6 27.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BF127795.D

Acq: 14 Apr 2022 15:49

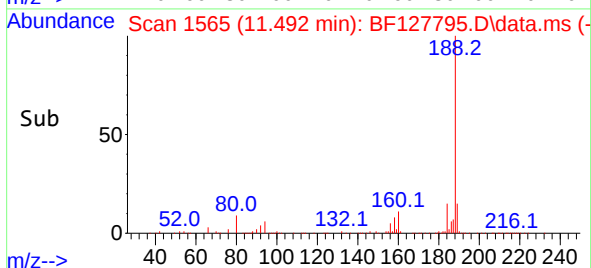
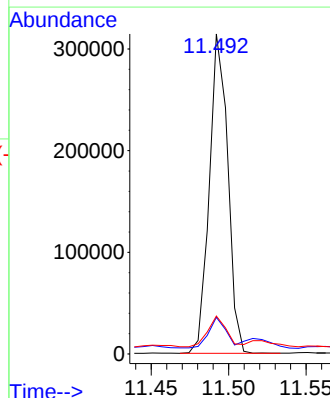
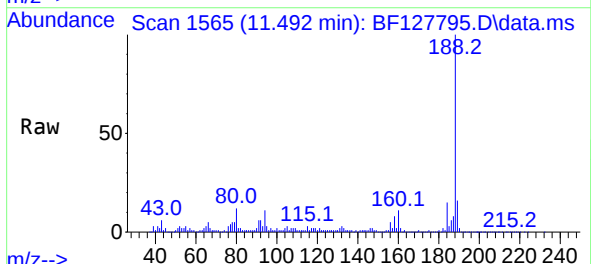
Tgt Ion:188 Resp: 260510

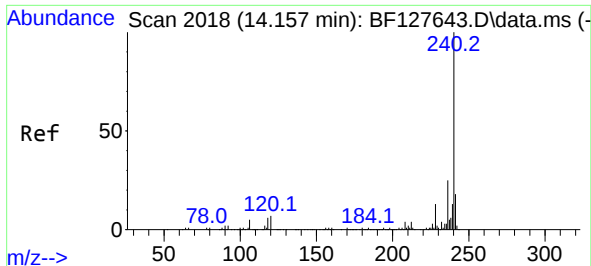
Ion Ratio Lower Upper

188 100

94 11.5 7.4 11.0#

80 11.8 8.0 12.0

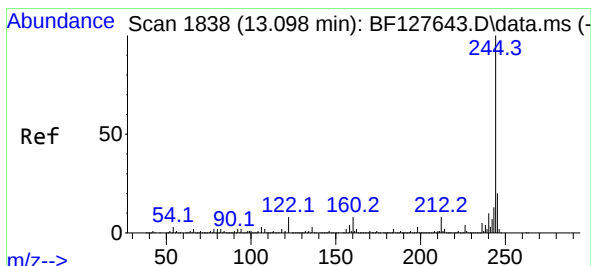
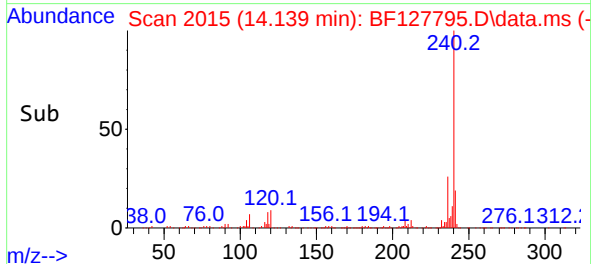
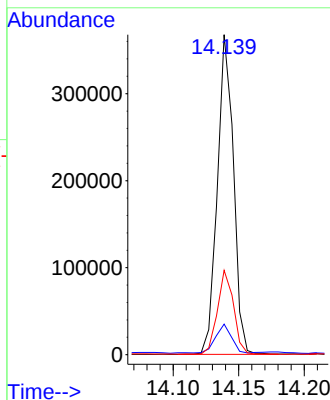
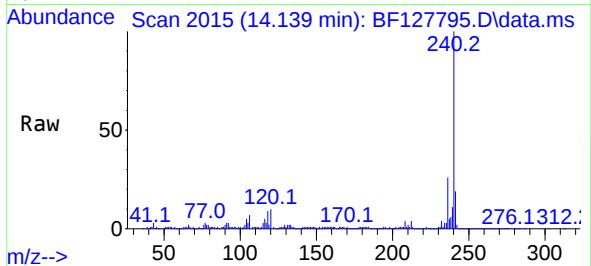




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

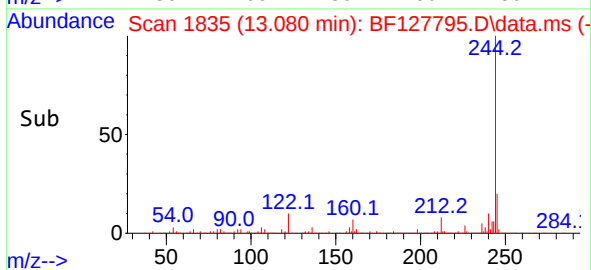
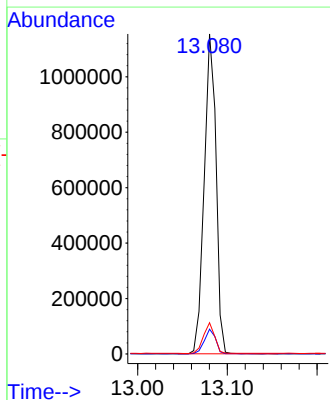
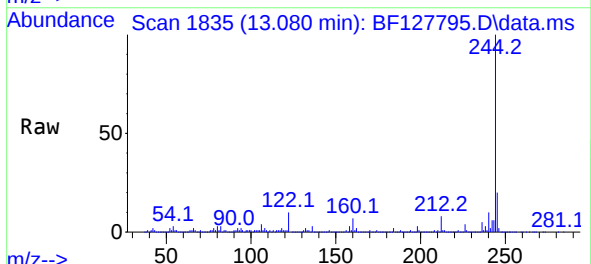
Instrument :
BNA_F
ClientSampleId :
33637-8

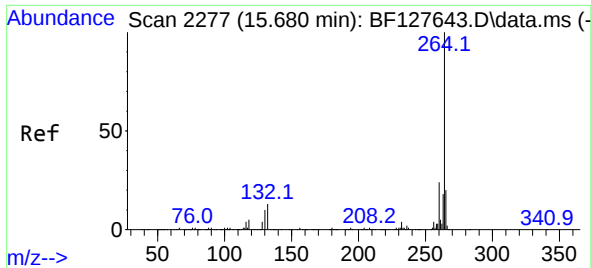
Tgt Ion:240 Resp: 313388
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 55.563 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127795.D
Acq: 14 Apr 2022 15:49

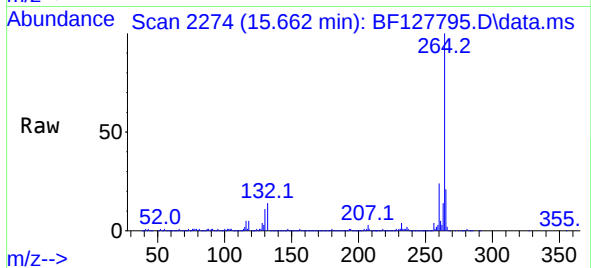
Tgt Ion:244 Resp: 1054928
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.8 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127795.D
 Acq: 14 Apr 2022 15:49

Instrument :
 BNA_F
 ClientSampleId :
 33637-8



Tgt Ion:264 Resp: 341921
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.7 17.4 26.2

