

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123790.D
 Acq On : 3 May 2021 21:17
 Operator : JU/CG
 Sample : M2184-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632

Quant Time: May 04 00:57:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

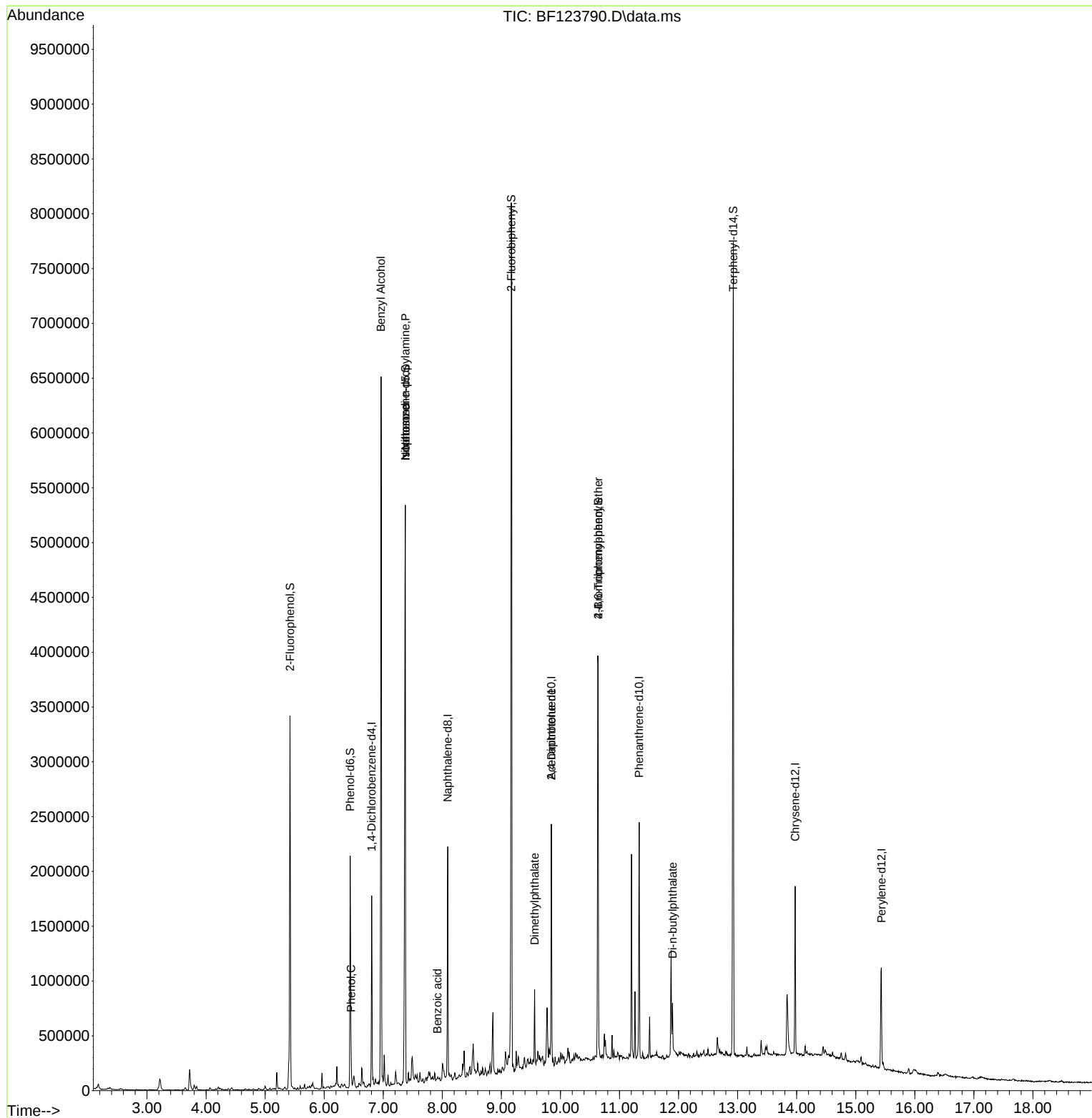
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	222173	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	805732	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	385146	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	718593	20.00	ng	0.00
76) Chrysene-d12	13.974	240	484708	20.00	ng	-0.01
86) Perylene-d12	15.433	264	428663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	688265	49.08	ng	0.00
7) Phenol-d6	6.439	99	583925	30.23	ng	0.00
23) Nitrobenzene-d5	7.375	82	1775203	99.46	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	451642	94.20	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2479345	93.75	ng	0.00
79) Terphenyl-d14	12.927	244	2601564	103.35	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	56333	2.71	ng	90
15) Benzyl Alcohol	6.963	79	43323	2.86	ng	# 63
19) n-Nitroso-di-n-propyla...	7.375	70	246025	20.62	ng	# 74
25) Isophorone	7.375	82	1767085	52.80	ng	# 69
32) Benzoic acid	7.916	122	482	5.44	ng	# 1
50) Dimethylphthalate	9.563	163	205856	7.59	ng	99
57) 2,4-Dinitrotoluene	9.845	165	52576	6.15	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	26167	3.46	ng	# 1
74) Di-n-butylphthalate	11.898	149	171639	4.04	ng	97

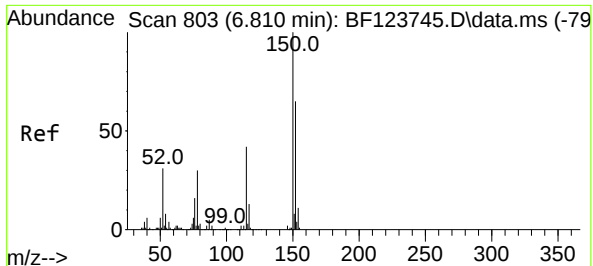
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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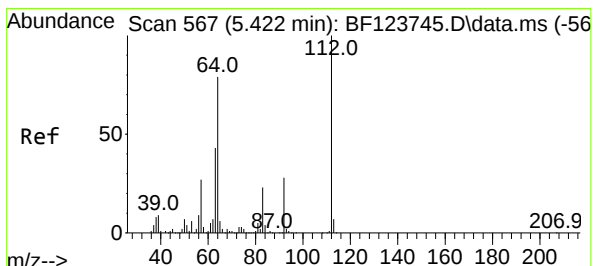
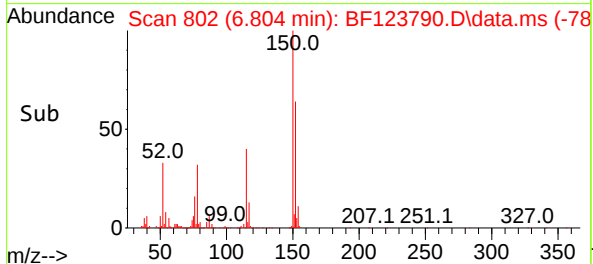
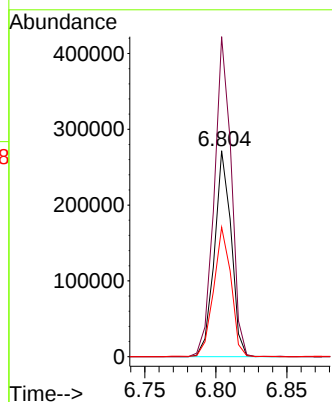
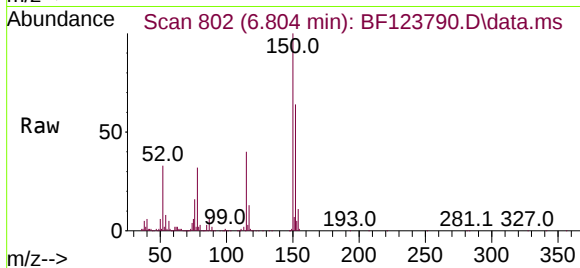




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

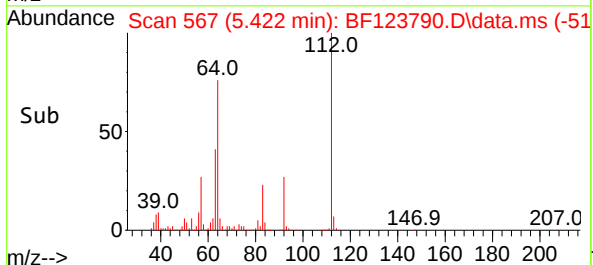
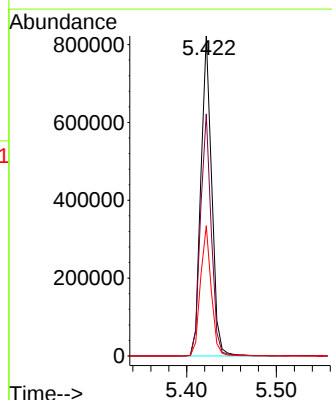
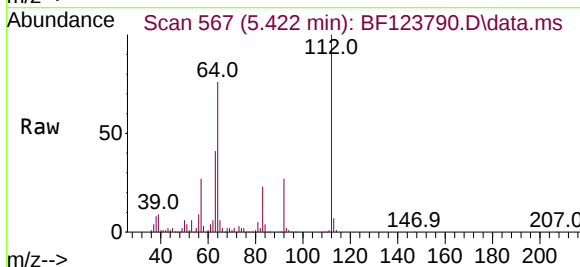
Instrument :
BNA_F
ClientSampleId :
NCQ-632

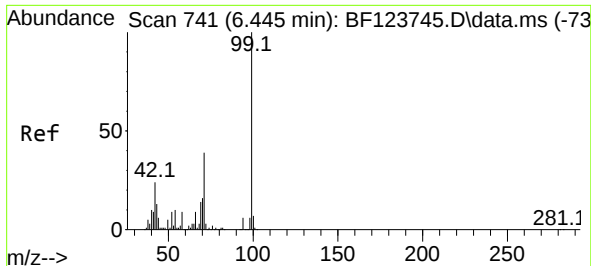
Tgt Ion:152 Resp: 222173
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 62.9 54.3 81.5



#5
2-Fluorophenol
Concen: 49.08 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:112 Resp: 688265
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 40.7 33.0 49.4

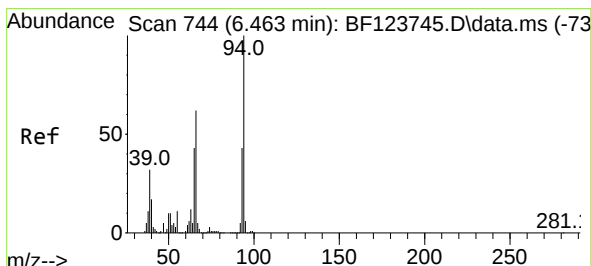
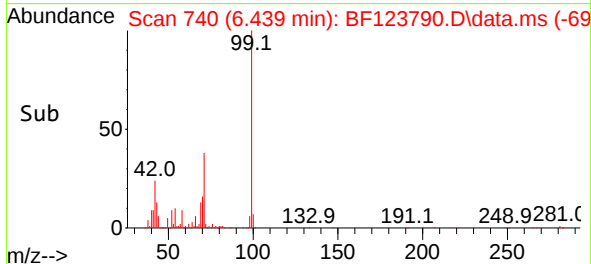
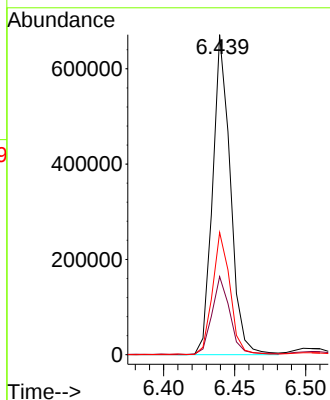
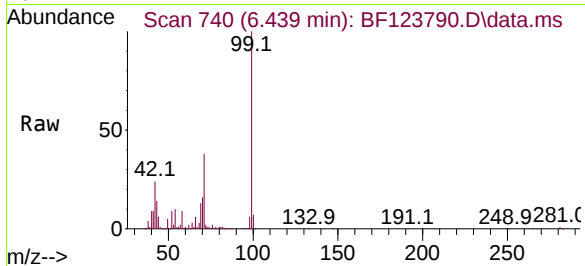




#7
Phenol-d6
Concen: 30.23 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

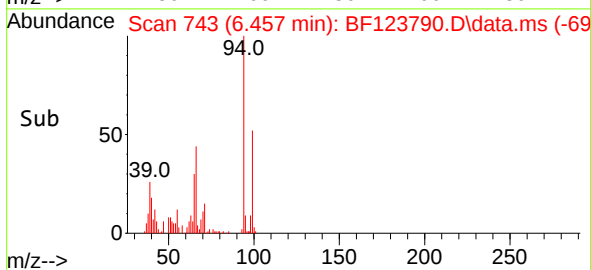
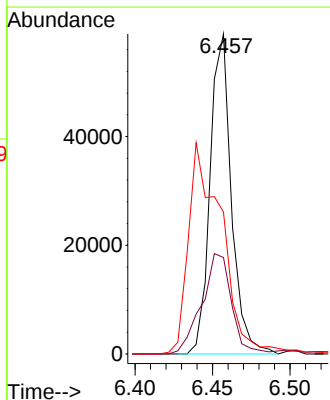
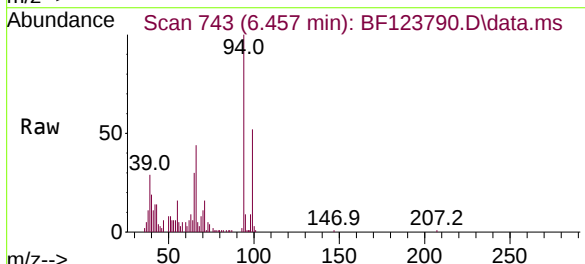
Instrument :
BNA_F
ClientSampleId :
NCQ-632

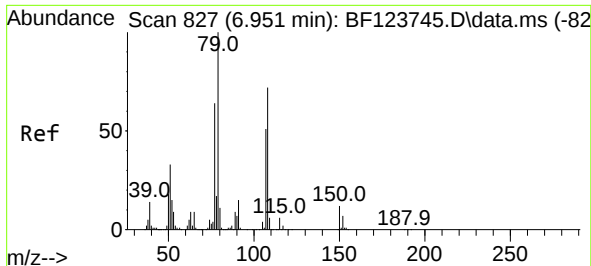
Tgt Ion: 99 Resp: 583925
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 38.2 31.1 46.7



#10
Phenol
Concen: 2.71 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion: 94 Resp: 56333
Ion Ratio Lower Upper
94 100
65 30.2 18.1 58.1
66 44.3 29.0 69.0

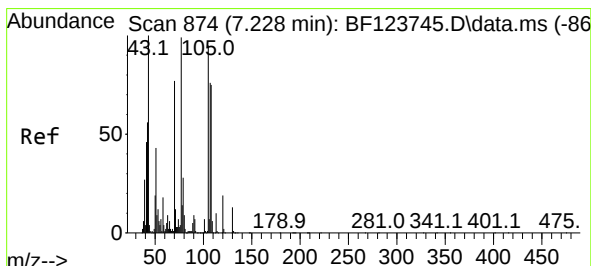
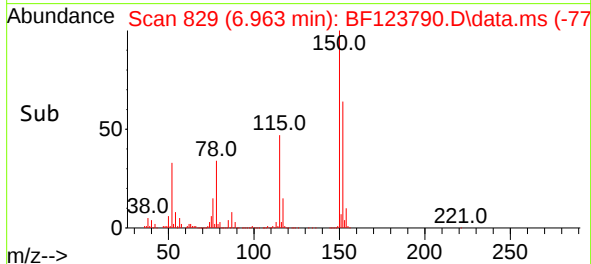
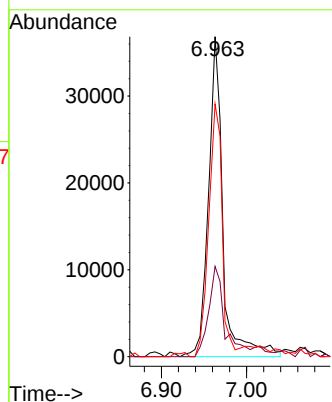
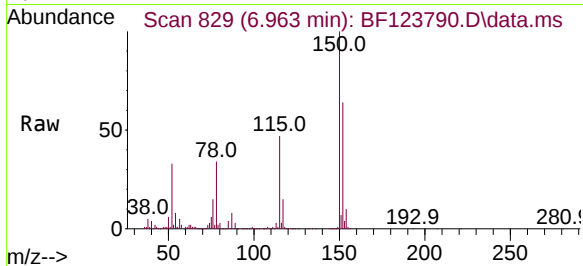




#15
Benzyl Alcohol
Concen: 2.86 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.012 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

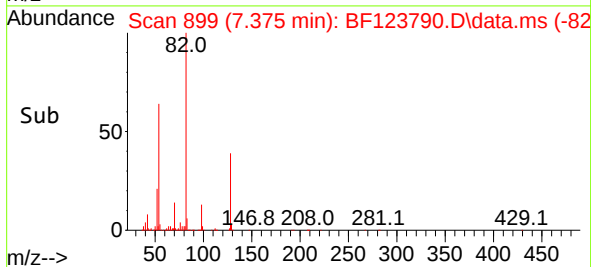
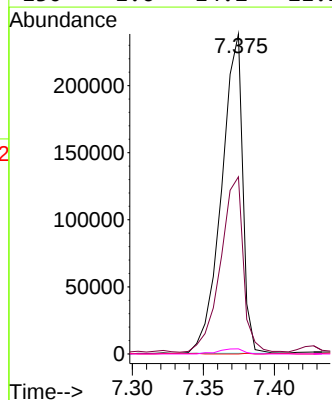
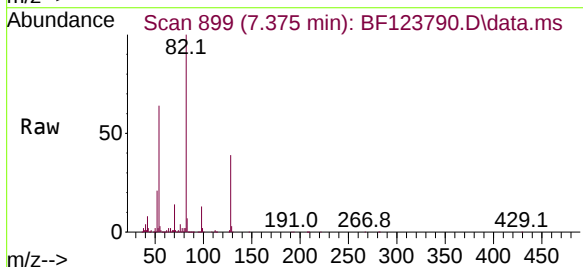
Instrument :
BNA_F
ClientSampled :
NCQ-632

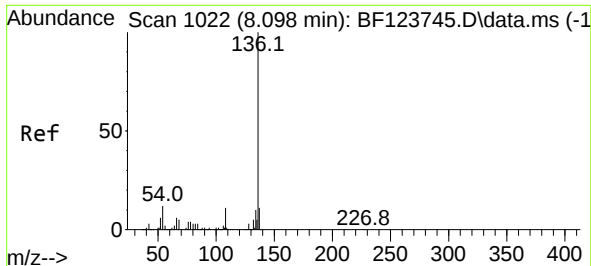
Tgt Ion: 79 Resp: 43323
Ion Ratio Lower Upper
79 100
108 28.2 55.8 83.8#
77 79.0 49.9 74.9#



#19
n-Nitroso-di-n-propylamine
Concen: 20.62 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion: 70 Resp: 246025
Ion Ratio Lower Upper
70 100
42 55.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



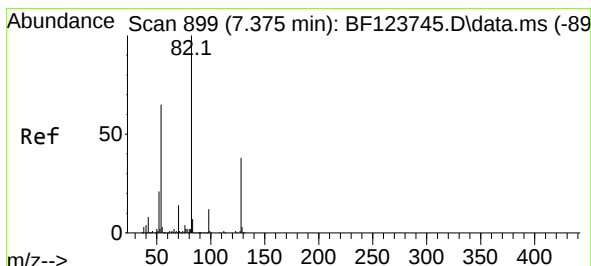
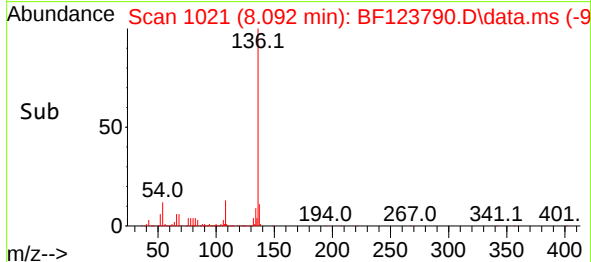
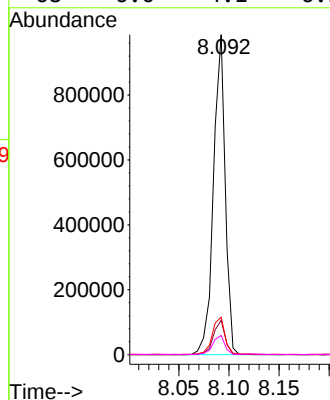
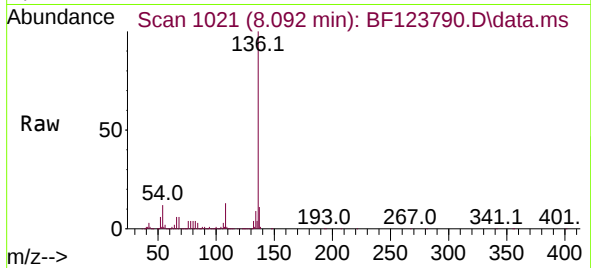


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tgt Ion:136 Resp: 805732

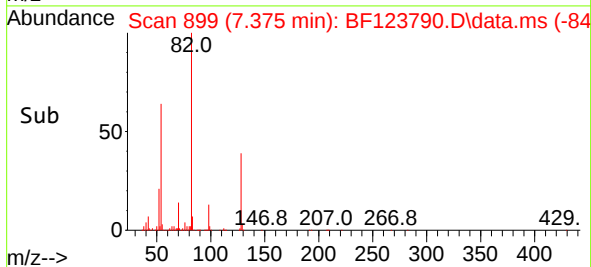
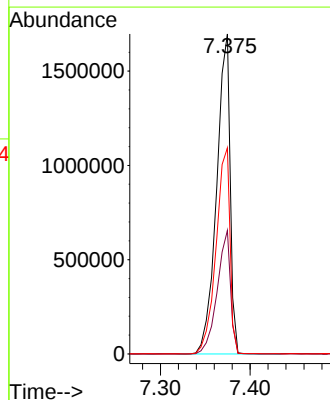
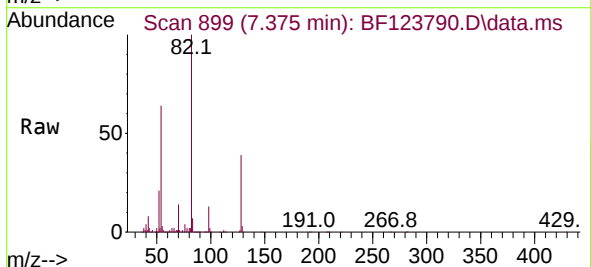
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.7	9.8	14.6
68	6.0	4.1	6.1

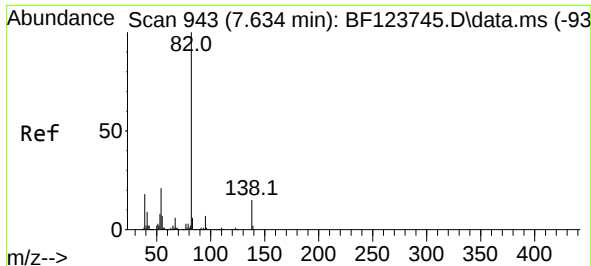


#23
Nitrobenzene-d5
Concen: 99.46 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion: 82 Resp: 1775203

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	64.4	54.1	81.1

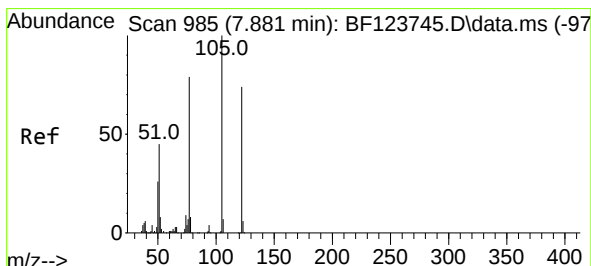
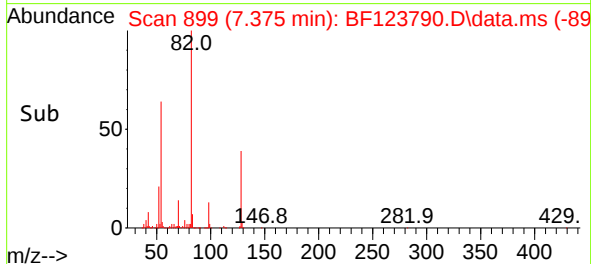
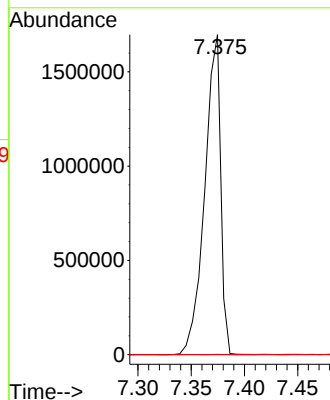
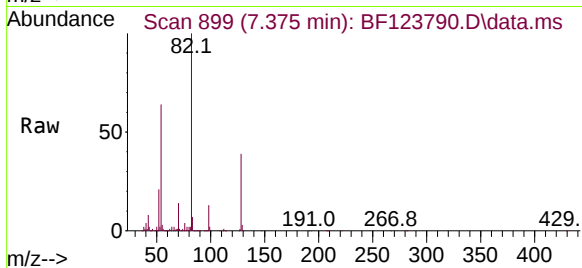




#25
Isophorone
Concen: 52.80 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

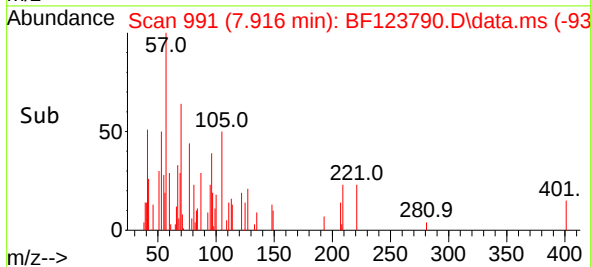
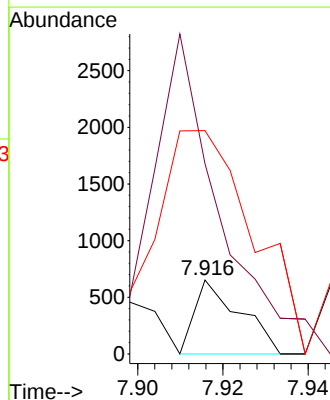
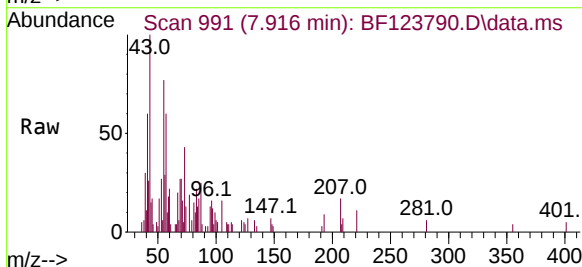
Instrument :
BNA_F
ClientSampleId :
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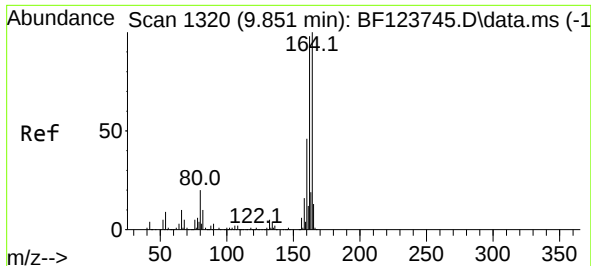
Tgt Ion: 82 Resp: 1767085
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.44 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.035 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:122 Resp: 482
Ion Ratio Lower Upper
122 100
105 257.5 107.8 147.8#
77 302.3 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF123790.D

Acq: 3 May 2021 21:17

Instrument :

BNA_F

ClientSampleId :

NCQ-632

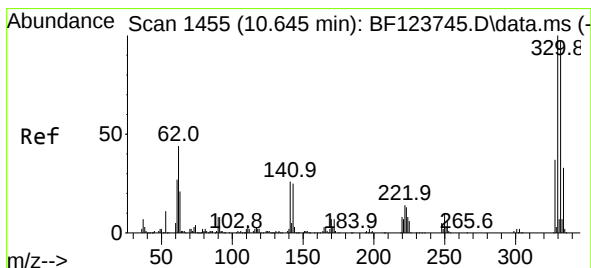
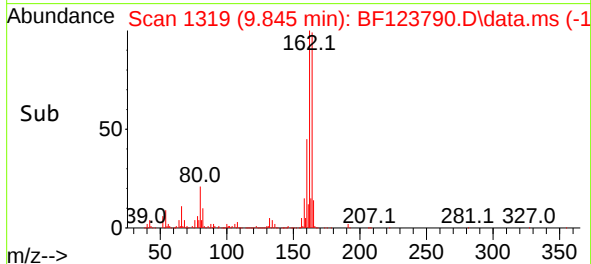
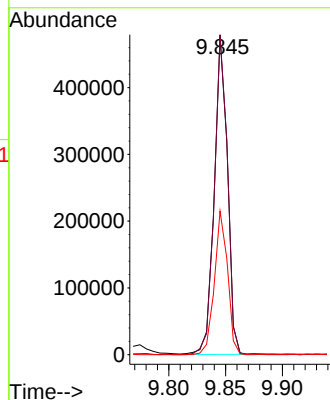
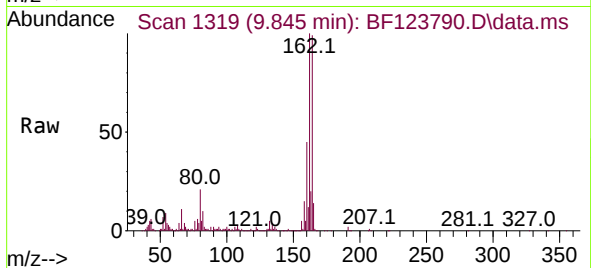
Tgt Ion:164 Resp: 385146

Ion Ratio Lower Upper

164 100

162 100.6 80.7 121.1

160 45.1 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 94.20 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF123790.D

Acq: 3 May 2021 21:17

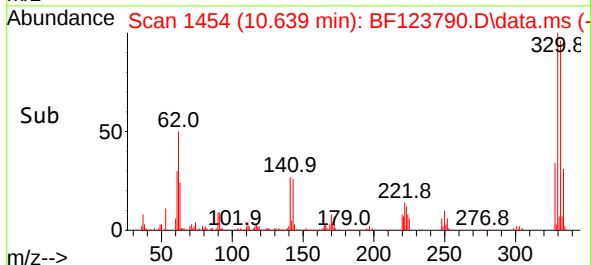
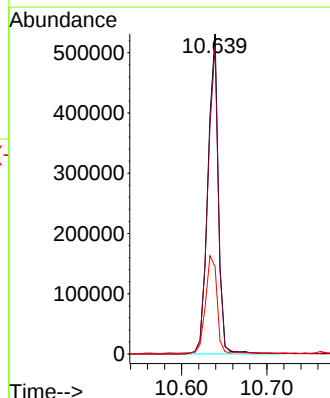
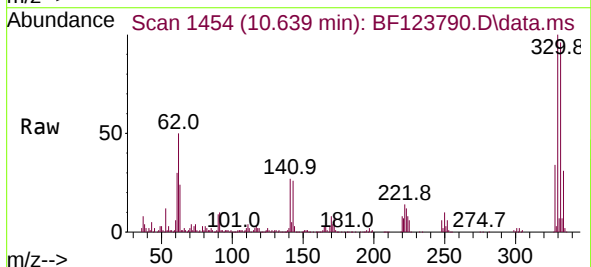
Tgt Ion:330 Resp: 451642

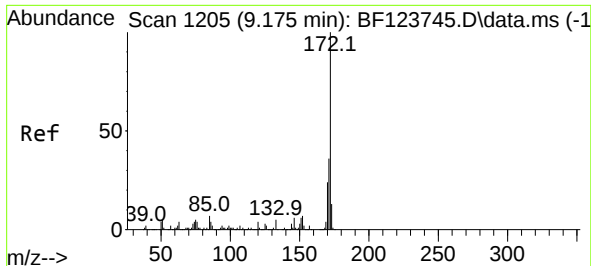
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 33.3 27.9 41.9

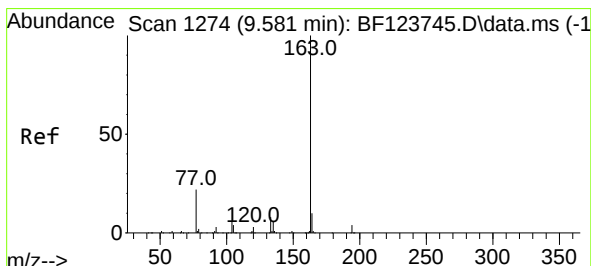
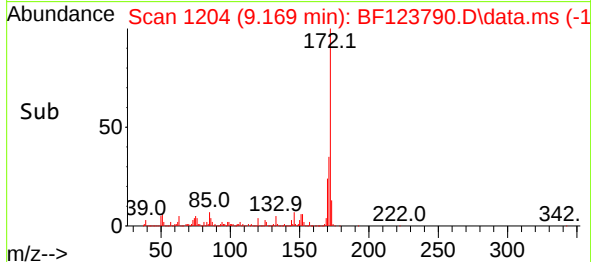
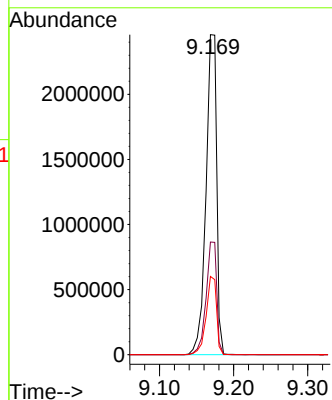
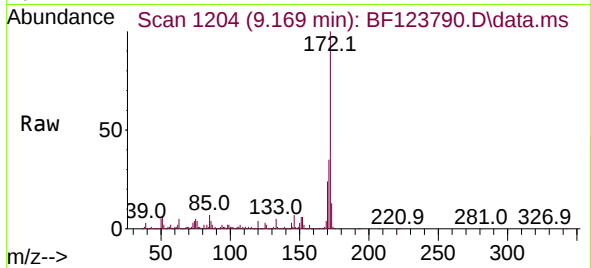




#45
2-Fluorobiphenyl
Concen: 93.75 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

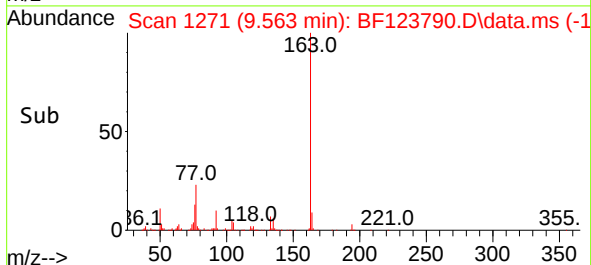
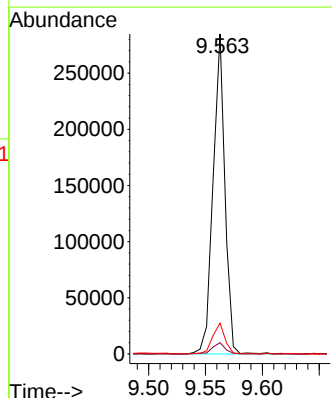
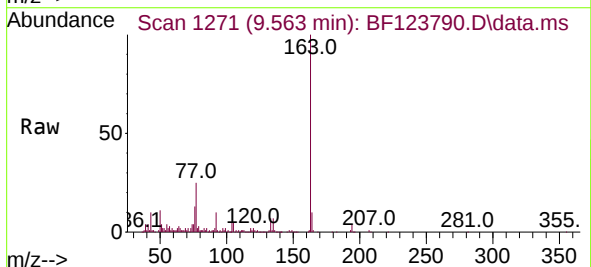
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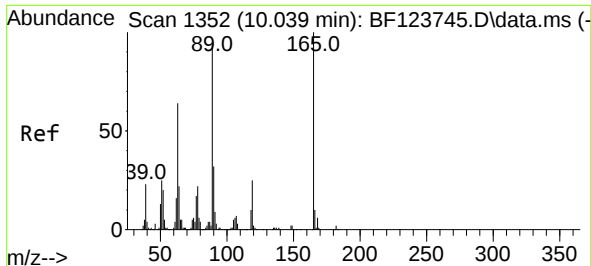
Tgt Ion:172 Resp: 2479345
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.4 19.2 28.8



#50
Dimethylphthalate
Concen: 7.59 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:163 Resp: 205856
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.6 8.2 12.2

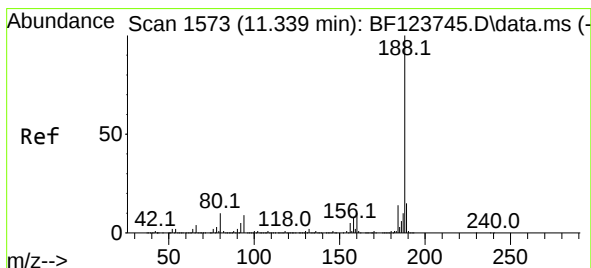
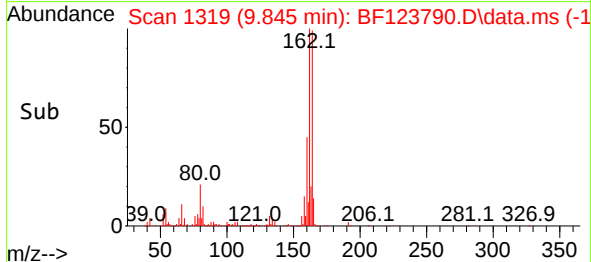
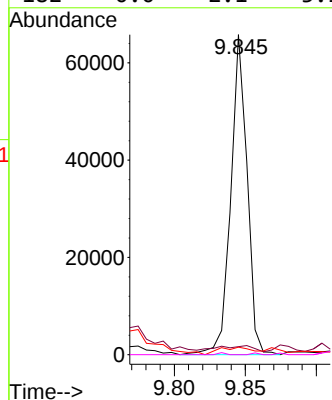
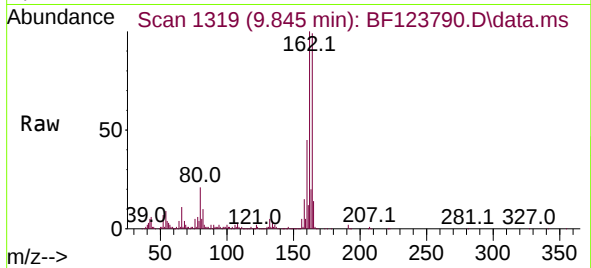




#57
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

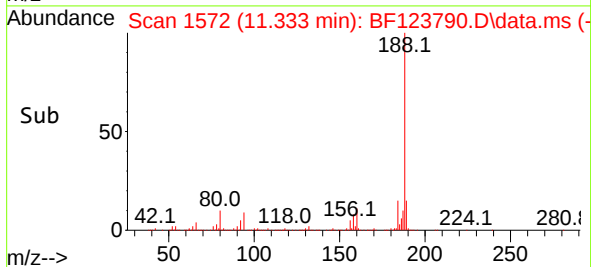
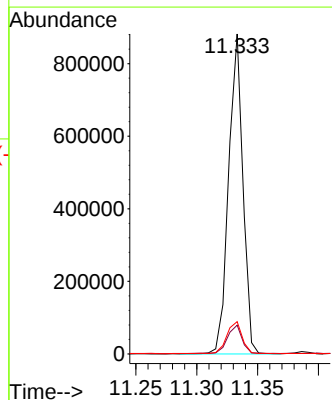
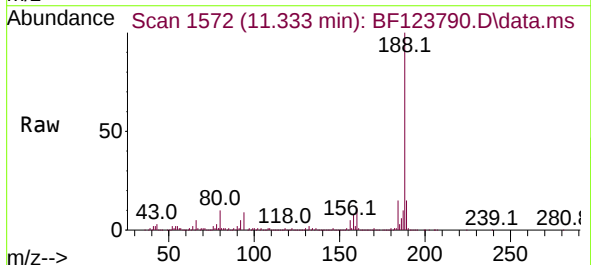
Instrument :
BNA_F
ClientSampleId :
NCQ-632

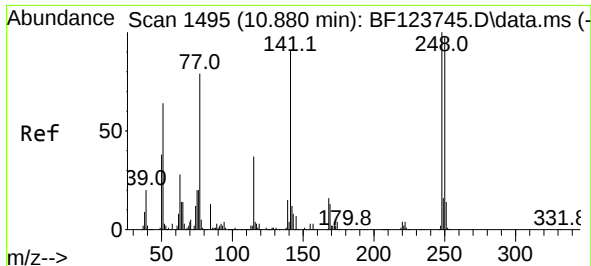
Tgt Ion:165 Resp: 52576
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 2.3 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:188 Resp: 718593
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.1 8.2 12.2

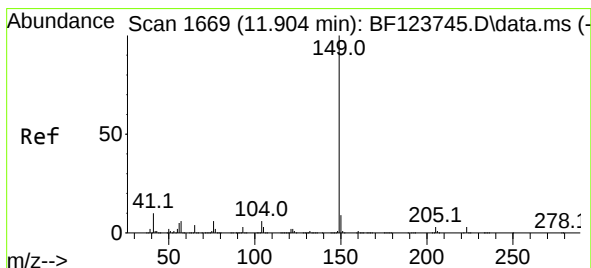
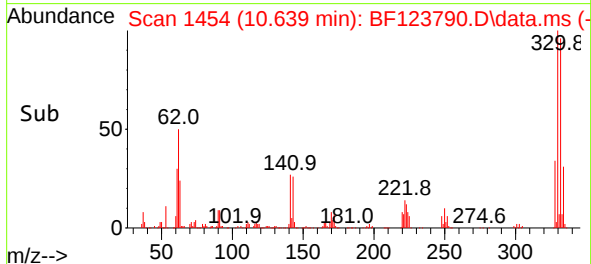
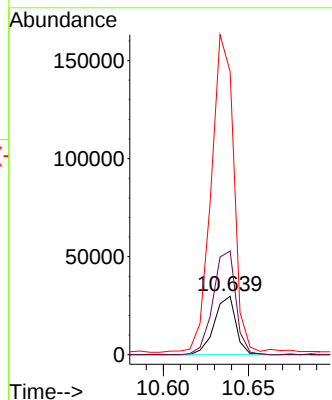
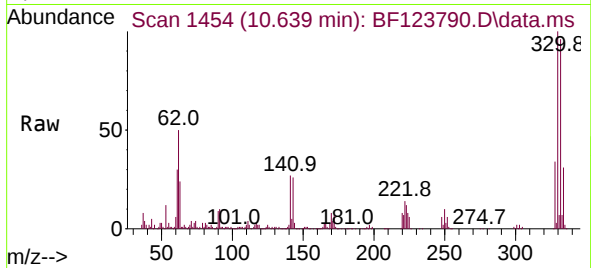




#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

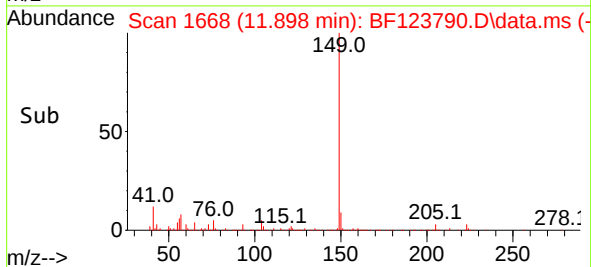
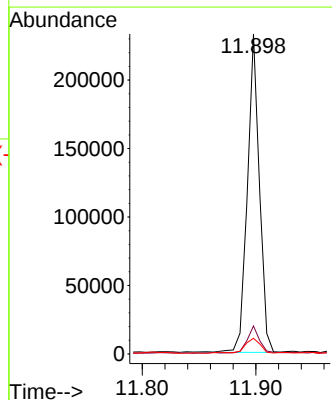
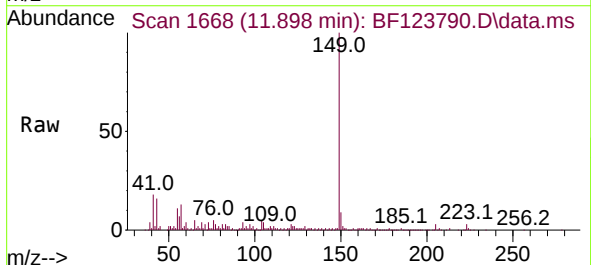
Instrument :
BNA_F
ClientSampleId :
NCQ-632

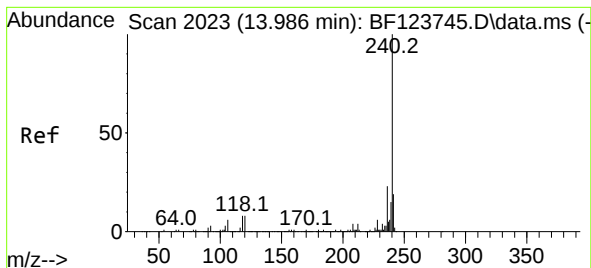
Tgt Ion:248 Resp: 26167
Ion Ratio Lower Upper
248 100
250 177.6 77.4 116.2#
141 484.8 63.7 95.5#



#74
Di-n-butylphthalate
Concen: 4.04 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:149 Resp: 171639
Ion Ratio Lower Upper
149 100
150 8.8 7.8 11.8
104 4.9 4.6 6.8

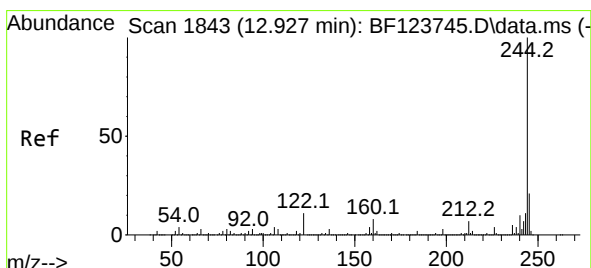
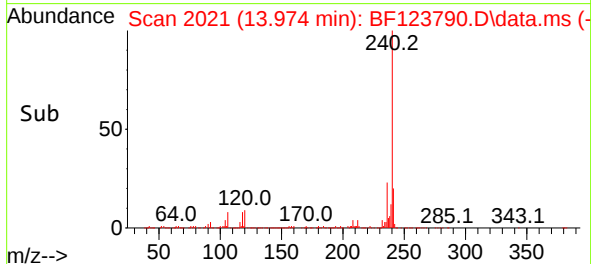
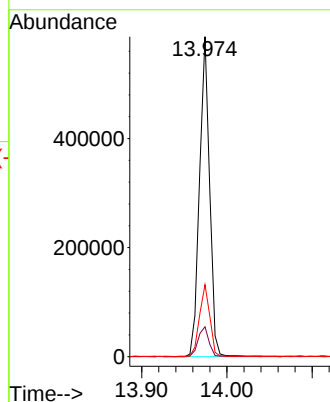
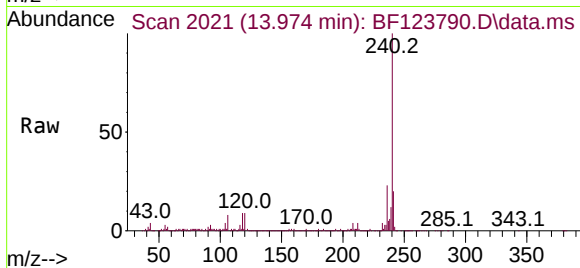




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

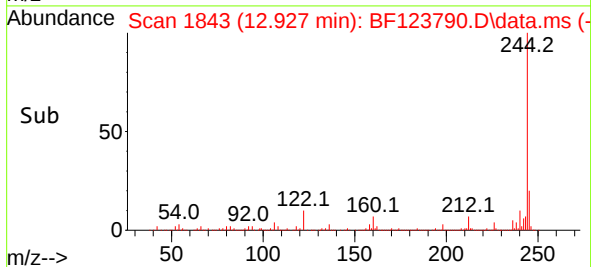
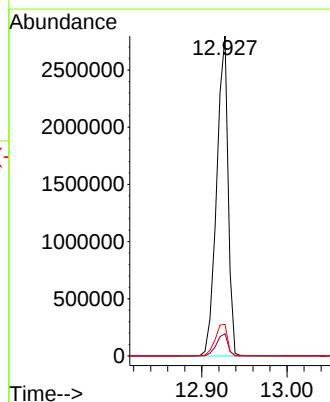
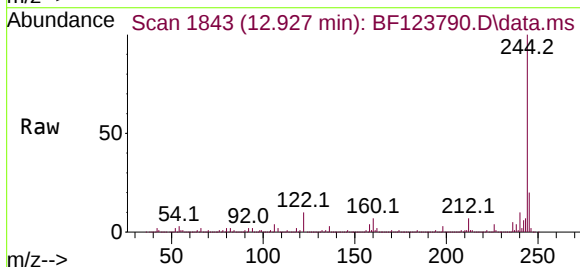
Instrument :
BNA_F
ClientSampleId :
NCQ-632

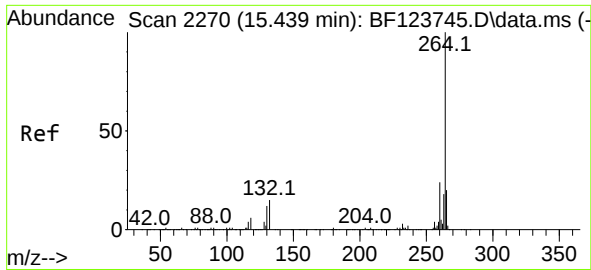
Tgt Ion:240 Resp: 484708
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 22.5 19.0 28.4



#79
Terphenyl-d14
Concen: 103.35 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Tgt Ion:244 Resp: 2601564
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.8 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123790.D
Acq: 3 May 2021 21:17

Instrument :
BNA_F
ClientSampleId :
NCQ-632

Tgt Ion:264 Resp: 428663

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.1	17.8	26.8

