

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123441.D
 Acq On : 24 Mar 2021 16:13
 Operator : JU/CG
 Sample : M1749-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-15-21-22

Quant Time: Mar 25 00:39:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

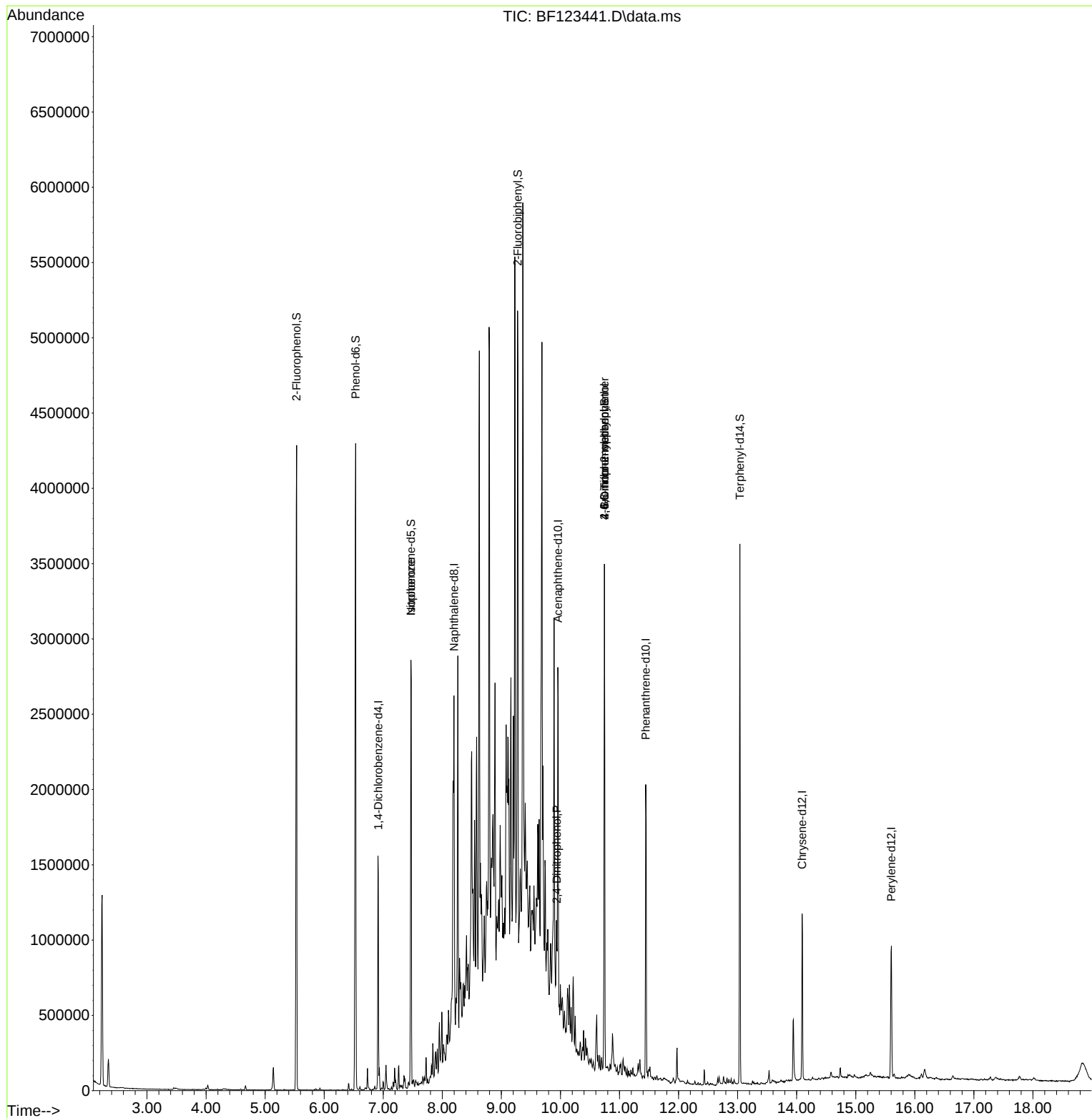
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	222582	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	794832	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	436594	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	704644	20.00	ng	0.00
76) Chrysene-d12	14.092	240	377802	20.00	ng	-0.02
86) Perylene-d12	15.604	264	429416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1079551	79.35	ng	0.00
7) Phenol-d6	6.534	99	1361409	75.17	ng	0.00
23) Nitrobenzene-d5	7.469	82	915663	62.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	382563	78.38	ng	-0.01
45) 2-Fluorobiphenyl	9.274	172	1291682	42.27	ng	0.00
79) Terphenyl-d14	13.039	244	1090261	48.91	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	2351	Below Cal	#	1
25) Isophorone	7.469	82	903751	28.54	ng	# 65
54) 2,4-Dinitrophenol	9.939	184	225	8.71	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.745	198	694	5.29	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	21900	2.62	ng	# 1

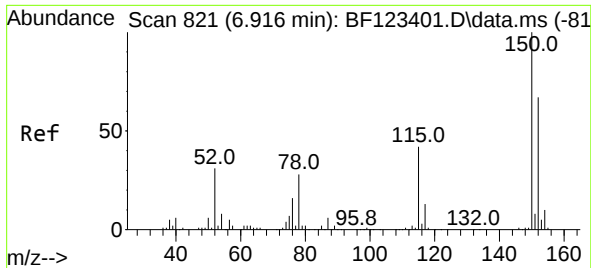
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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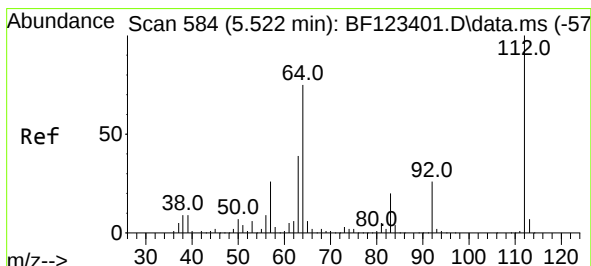
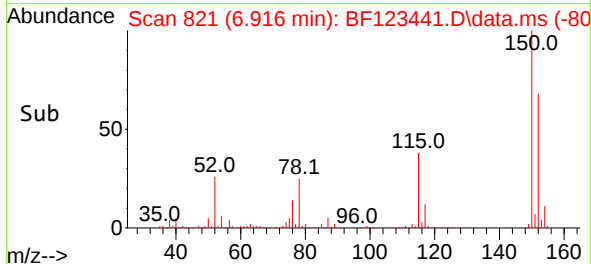
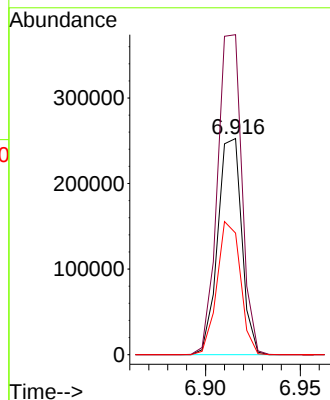
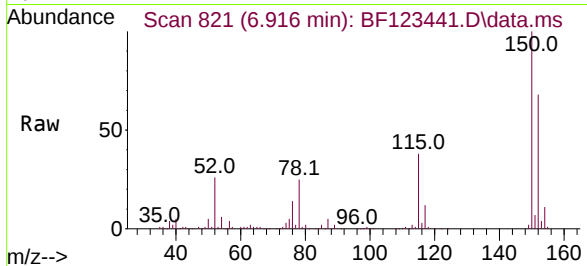




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.916 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BF123441.D
 Acq: 24 Mar 2021 16:13

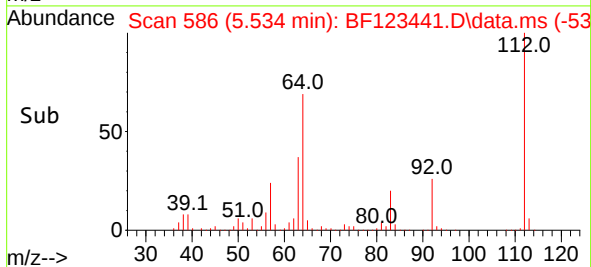
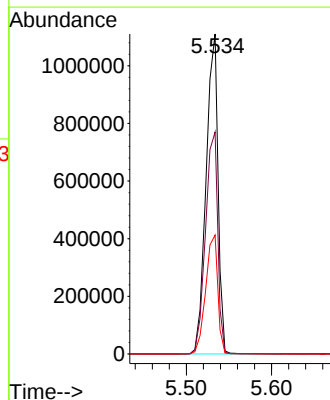
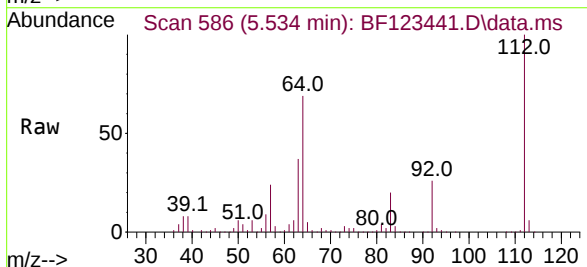
Instrument :
 BNA_F
 ClientSampleId :
 FS-SB-15-21-22

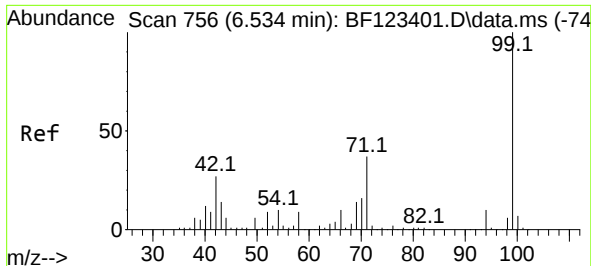
Tgt Ion:152 Resp: 222582
 Ion Ratio Lower Upper
 152 100
 150 148.0 125.8 188.6
 115 56.3 49.3 73.9



#5
 2-Fluorophenol
 Concen: 79.35 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF123441.D
 Acq: 24 Mar 2021 16:13

Tgt Ion:112 Resp: 1079551
 Ion Ratio Lower Upper
 112 100
 64 69.4 46.9 70.3
 63 37.2 24.5 36.7#

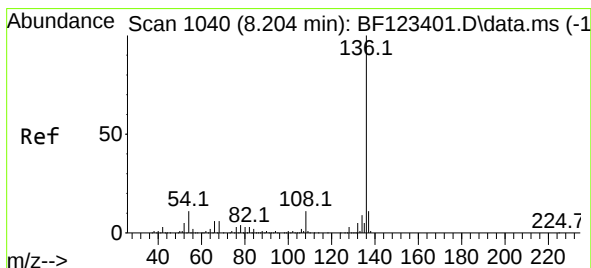
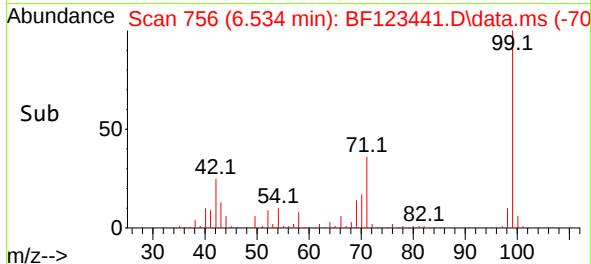
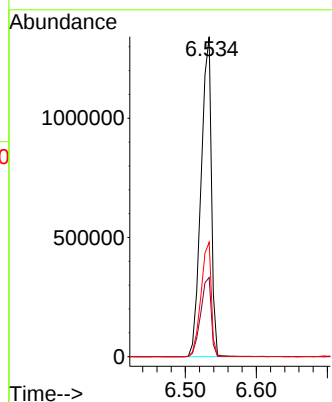
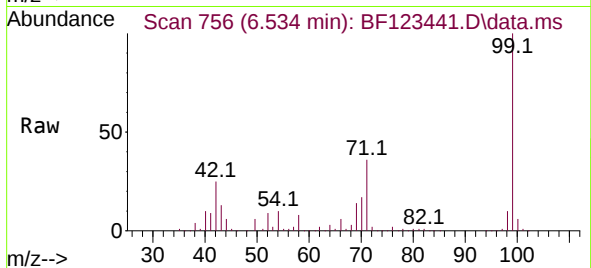




#7
Phenol-d6
Concen: 75.17 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

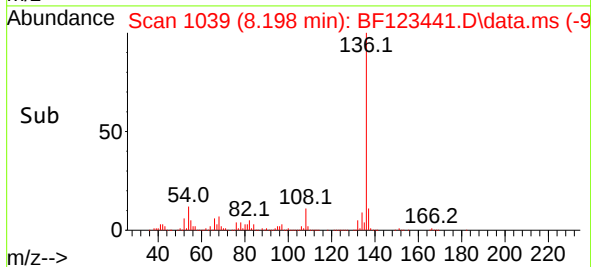
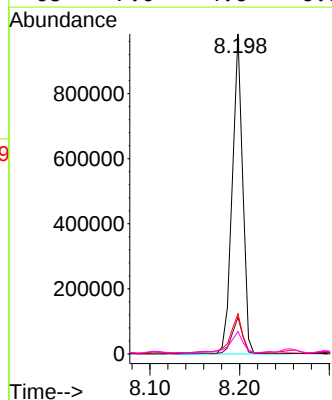
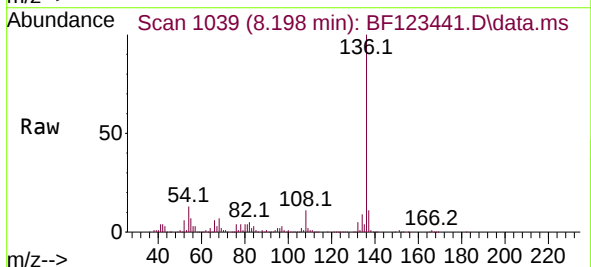
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

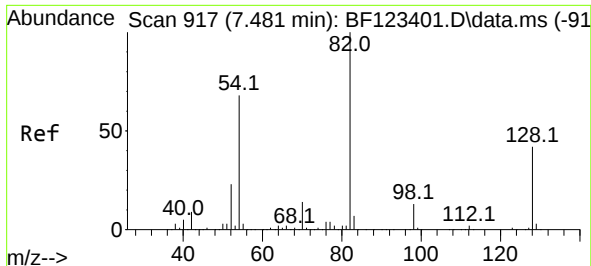
Tgt Ion: 99 Resp: 1361409
Ion Ratio Lower Upper
99 100
42 24.7 13.8 20.6#
71 35.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion: 136 Resp: 794832
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 12.5 5.5 8.3#
68 7.0 4.6 6.8#

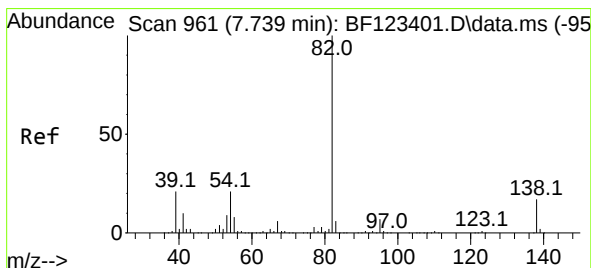
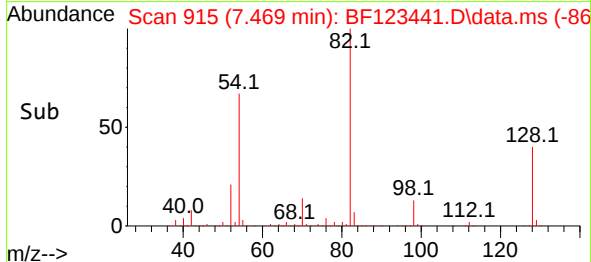
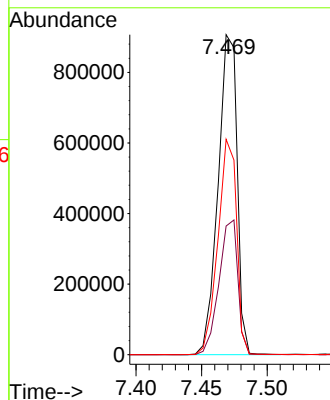
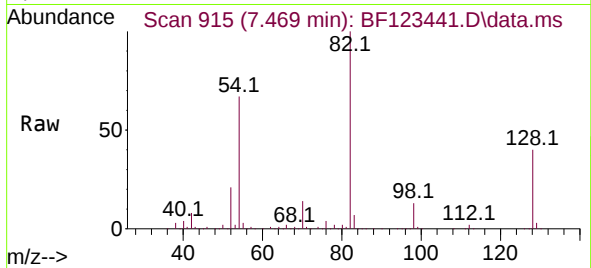




#23
Nitrobenzene-d5
Concen: 62.18 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

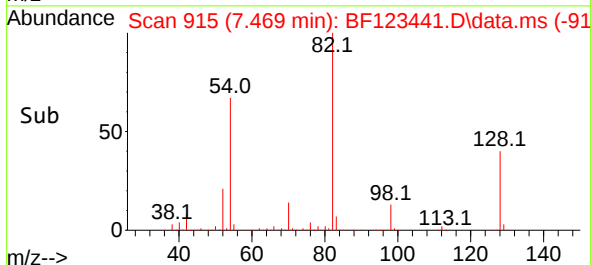
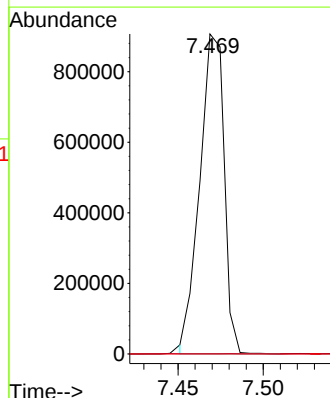
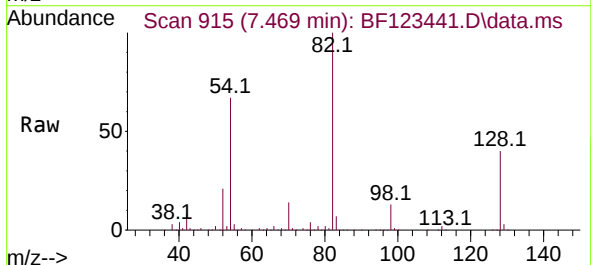
Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

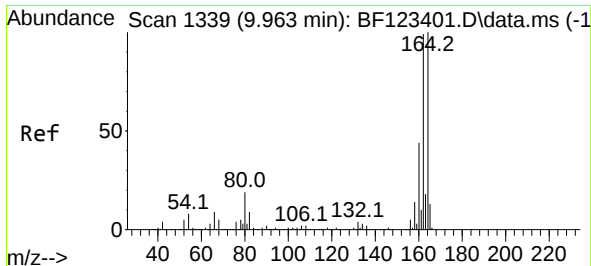
Tgt Ion: 82 Resp: 915663
Ion Ratio Lower Upper
82 100
128 40.2 37.0 55.4
54 67.3 38.4 57.6#



#25
Isophorone
Concen: 28.54 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.271 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion: 82 Resp: 903751
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF123441.D

Acq: 24 Mar 2021 16:13

Tgt Ion:164 Resp: 436594

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

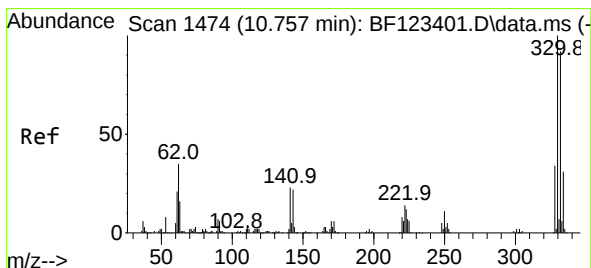
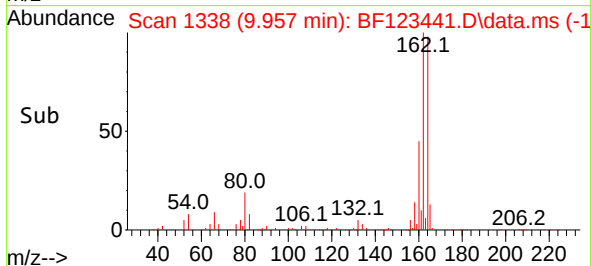
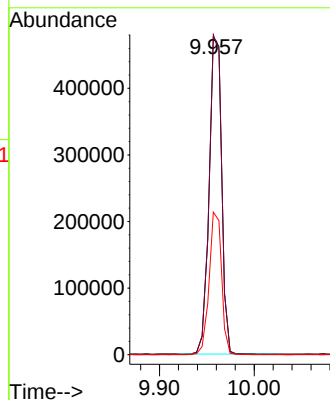
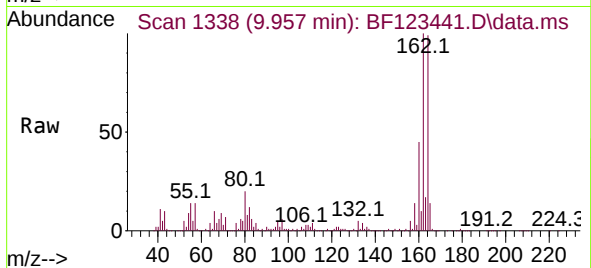
160 45.0 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

FS-SB-15-21-22



#42

2,4,6-Tribromophenol

Concen: 78.38 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.012 min

Lab File: BF123441.D

Acq: 24 Mar 2021 16:13

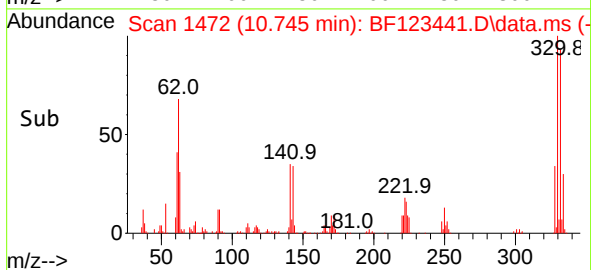
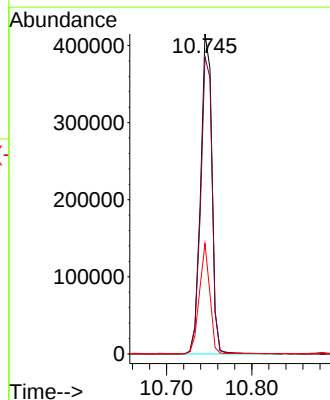
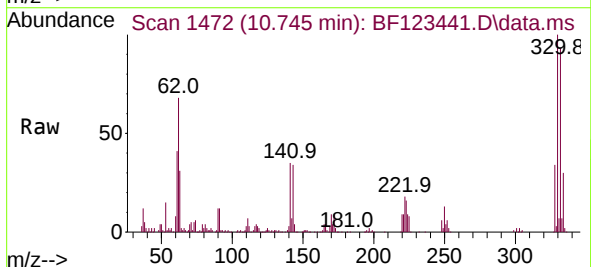
Tgt Ion:330 Resp: 382563

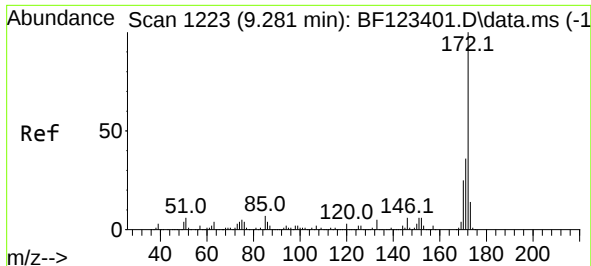
Ion Ratio Lower Upper

330 100

332 94.6 77.5 116.3

141 31.6 23.8 35.8

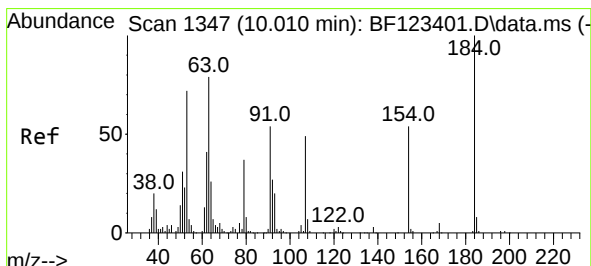
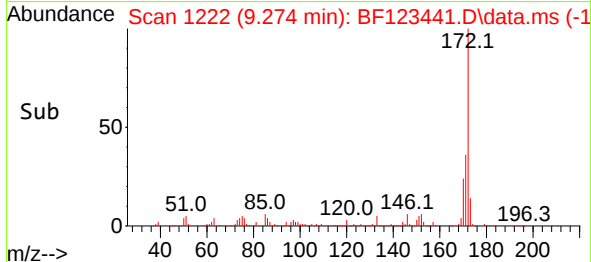
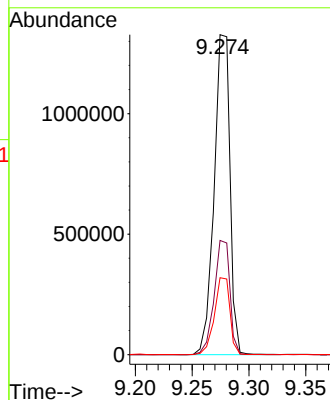
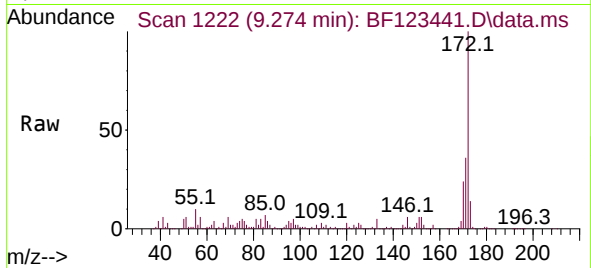




#45
2-Fluorobiphenyl
Concen: 42.27 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

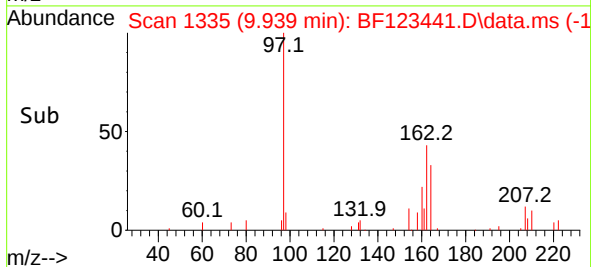
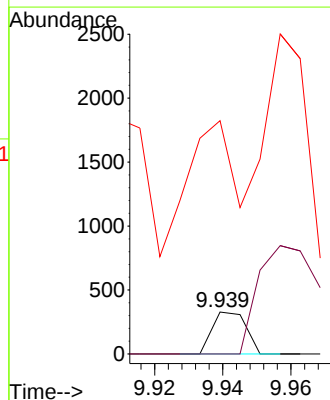
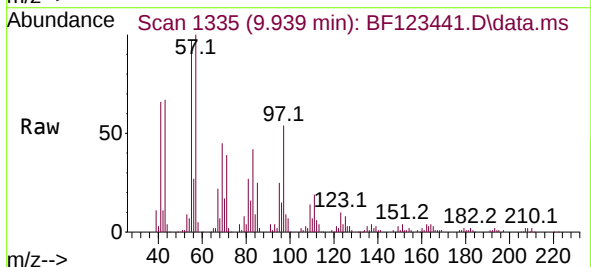
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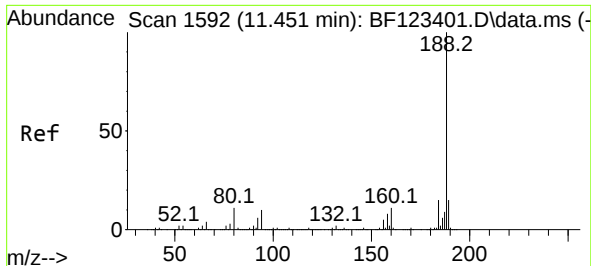
Tgt Ion:172 Resp: 1291682
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 8.71 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.077 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion:184 Resp: 225
Ion Ratio Lower Upper
184 100
63 0.0 51.4 77.2#
154 556.1 49.7 74.5#

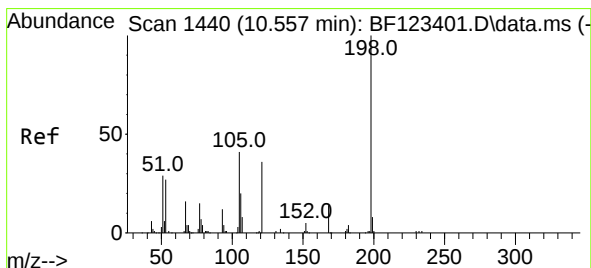
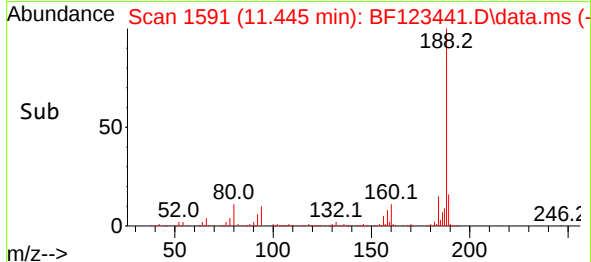
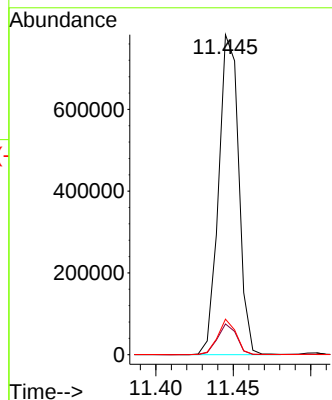
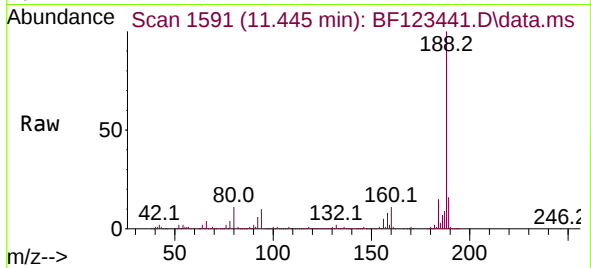




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

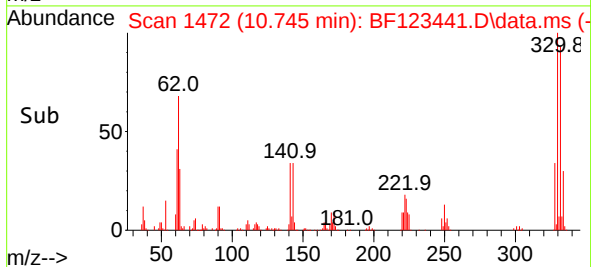
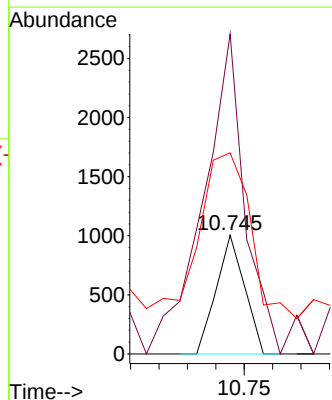
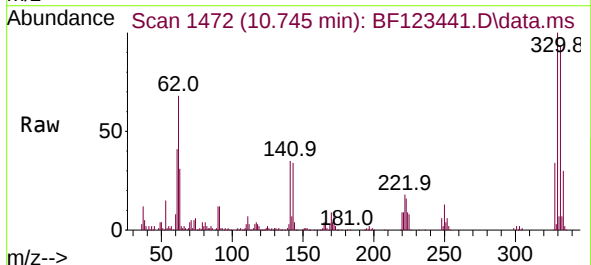
Instrument :
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ClientSampleId :
FS-SB-15-21-22

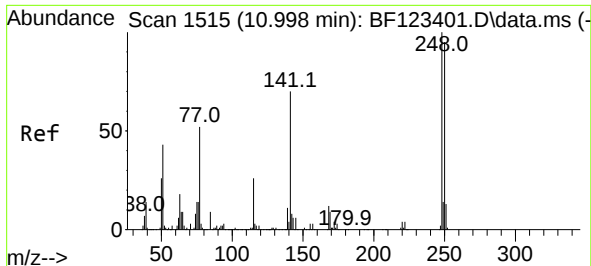
Tgt Ion:188 Resp: 704644
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.29 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.188 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion:198 Resp: 694
Ion Ratio Lower Upper
198 100
51 269.6 20.3 60.3#
105 169.5 23.0 63.0#

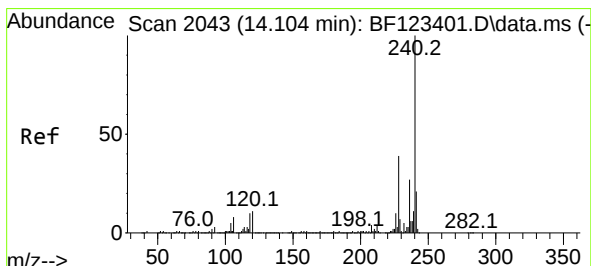
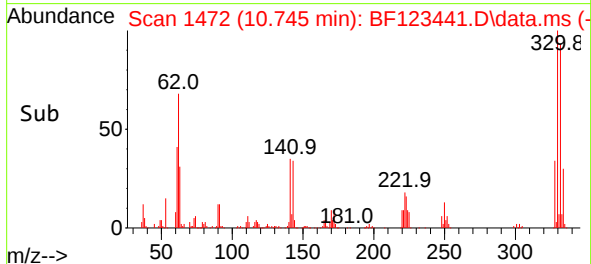
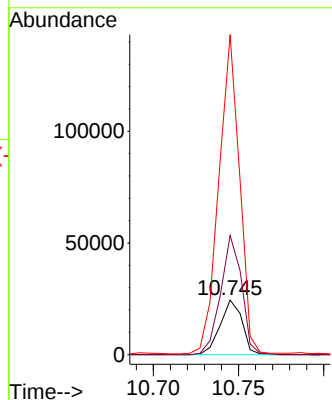
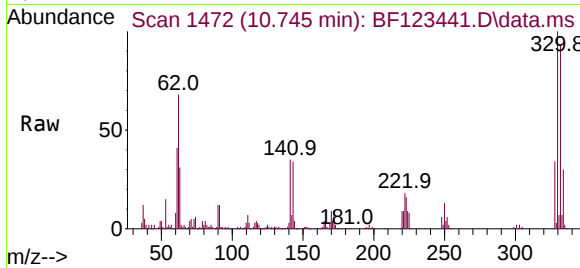




#67
4-Bromophenyl-phenylether
Concen: 2.62 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

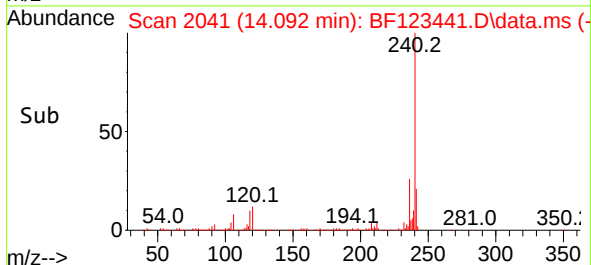
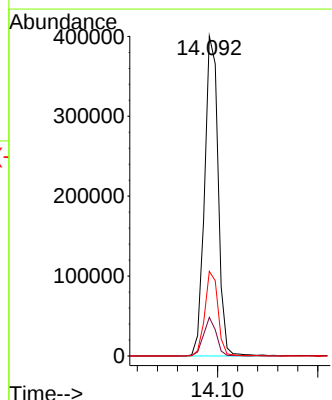
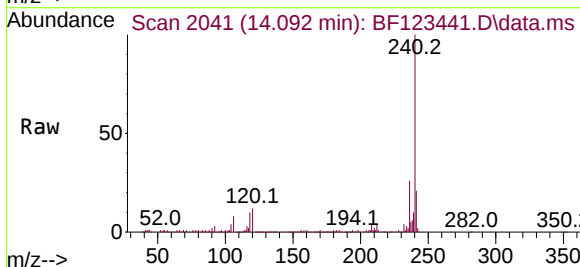
Instrument :
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ClientSampleId :
FS-SB-15-21-22

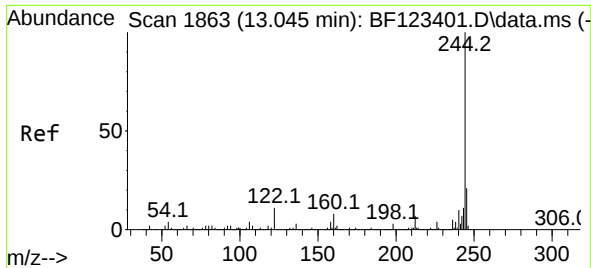
Tgt Ion:248 Resp: 21900
Ion Ratio Lower Upper
248 100
250 218.5 76.8 115.2#
141 586.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion:240 Resp: 377802
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 26.5 20.3 30.5

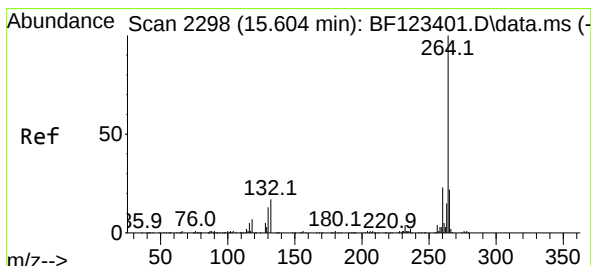
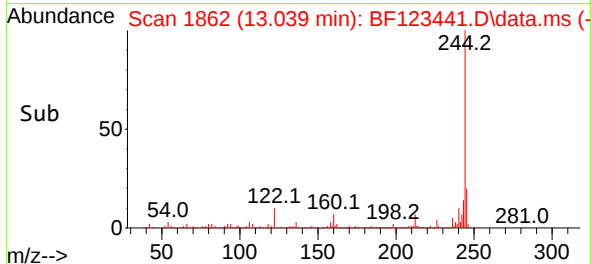
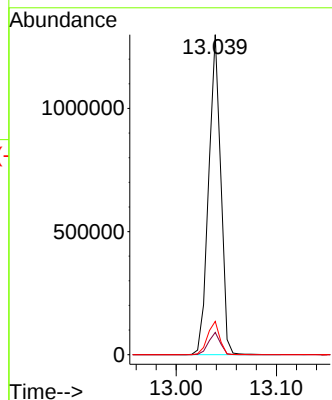
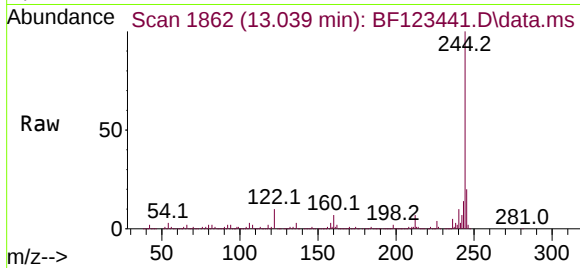




#79
Terphenyl-d14
Concen: 48.91 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Instrument :
BNA_F
ClientSampleId :
FS-SB-15-21-22

Tgt Ion:244 Resp: 1090261
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123441.D
Acq: 24 Mar 2021 16:13

Tgt Ion:264 Resp: 429416
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 20.8 17.0 25.6

