

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134951.D
 Acq On : 25 Aug 2023 20:45
 Operator : CG\JU
 Sample : 04112-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-22282

Quant Time: Aug 26 02:52:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

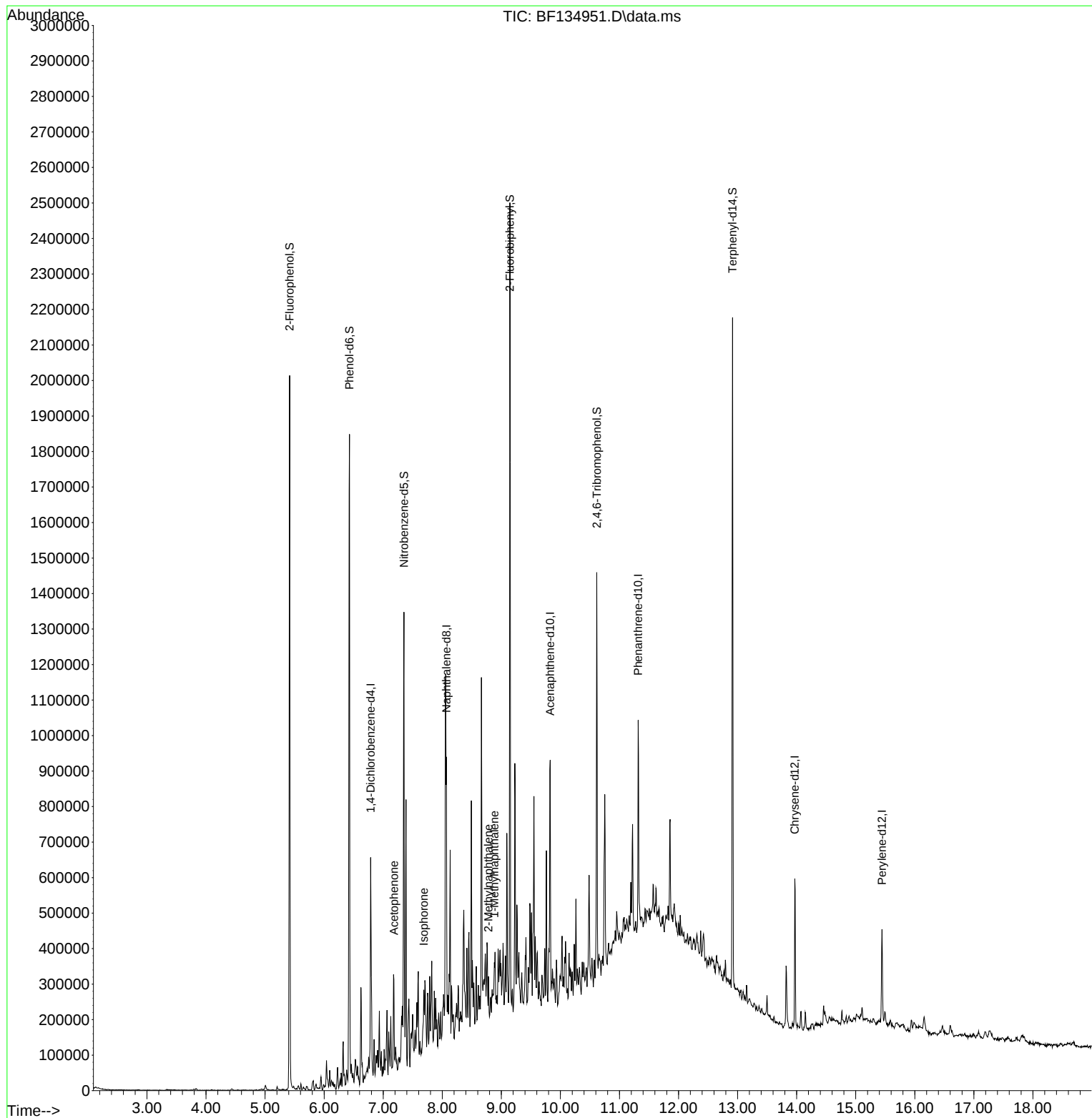
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77598	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	274075	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	126539	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	210099	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	142119	20.000	ng	-0.01
86) Perylene-d12	15.445	264	120769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	512509	105.321	ng	0.00
7) Phenol-d6	6.428	99	633321	101.853	ng	-0.01
23) Nitrobenzene-d5	7.351	82	356433	71.662	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	130321	87.445	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	636344	77.740	ng	-0.01
79) Terphenyl-d14	12.916	244	614186	59.440	ng	0.00
Target Compounds						
					Qvalue	
20) 3+4-Methylphenols	7.228	107	151	Below Cal	#	1
22) Acetophenone	7.181	105	13519	2.232	ng	# 47
25) Isophorone	7.687	82	19705	2.122	ng	# 63
37) 2-Methylnaphthalene	8.781	142	30456	3.337	ng	99
38) 1-Methylnaphthalene	8.881	142	24739	2.899	ng	95

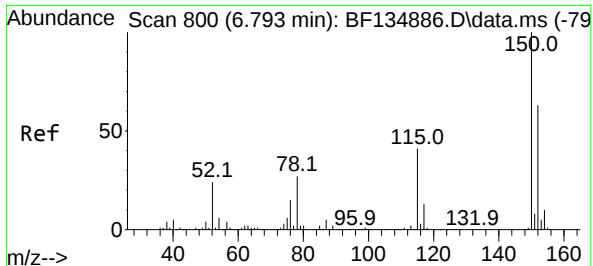
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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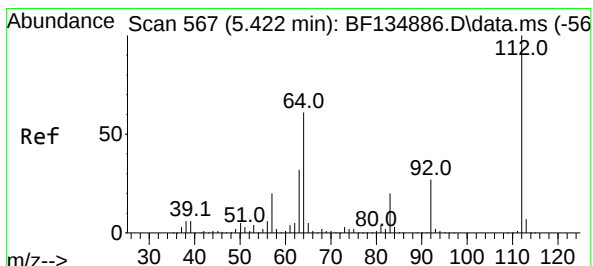
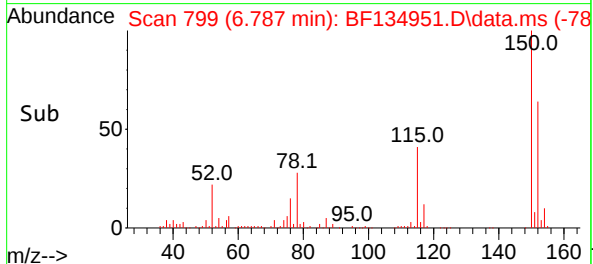
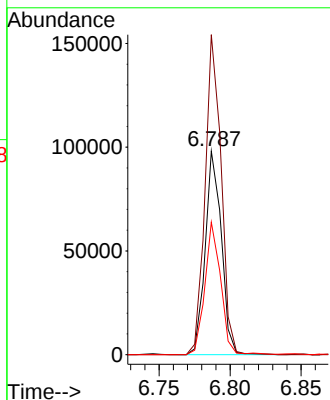
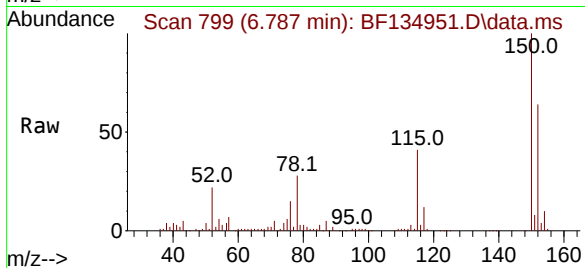




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

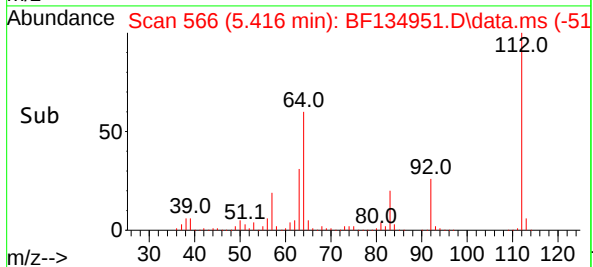
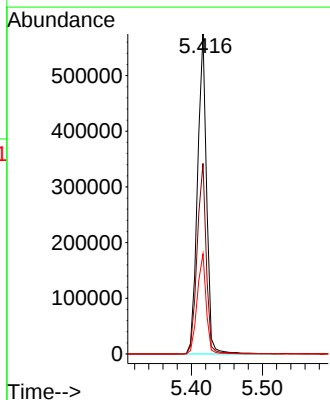
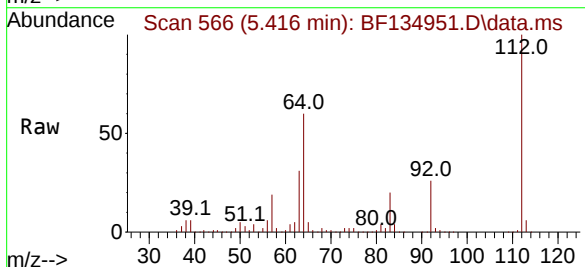
Instrument :
BNA_F
ClientSampleId :
RBR-22282

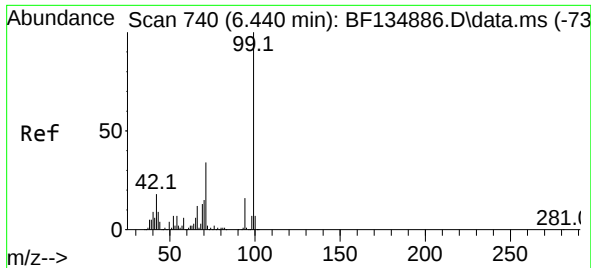
Tgt Ion:152 Resp: 77598
Ion Ratio Lower Upper
152 100
150 157.2 126.1 189.1
115 65.1 51.1 76.7



#5
2-Fluorophenol
Concen: 105.321 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion:112 Resp: 512509
Ion Ratio Lower Upper
112 100
64 59.6 48.6 73.0
63 31.3 25.7 38.5

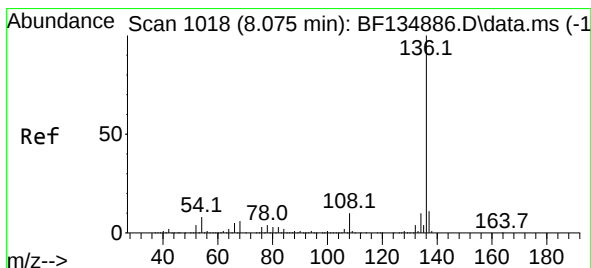
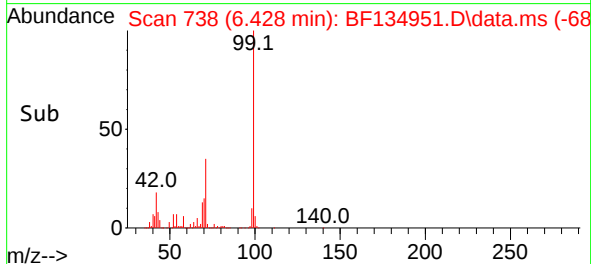
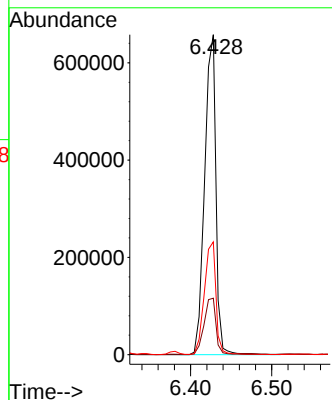
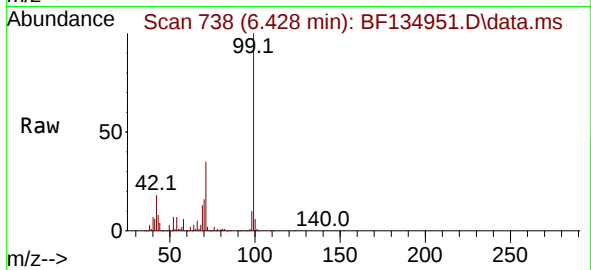




#7
Phenol-d6
Concen: 101.853 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

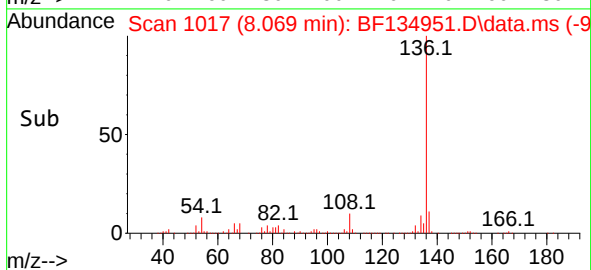
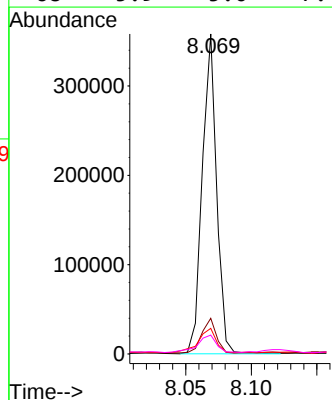
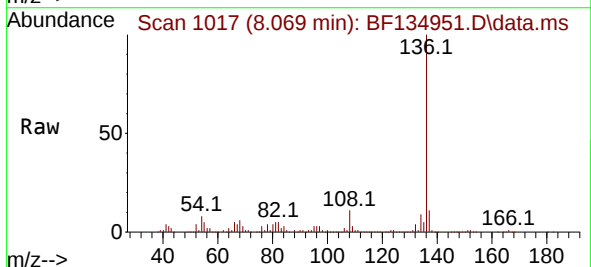
Instrument :
BNA_F
ClientSampleId :
RBR-22282

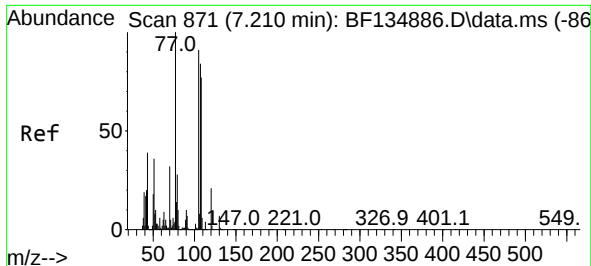
Tgt Ion: 99 Resp: 633321
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 35.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion:136 Resp: 274075
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 6.6 9.8
68 5.9 5.0 7.4

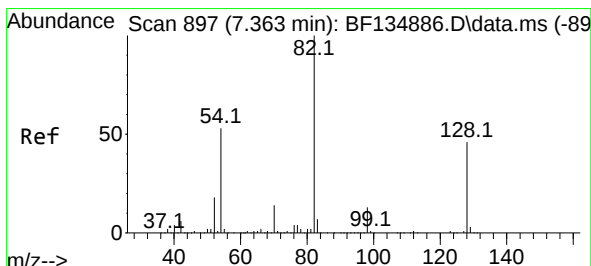
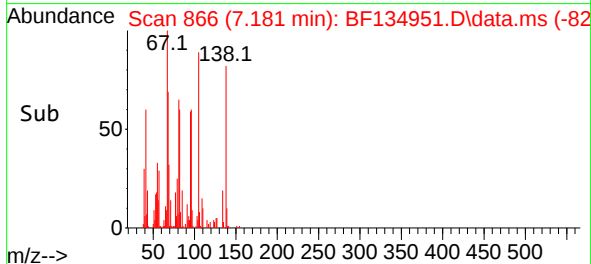
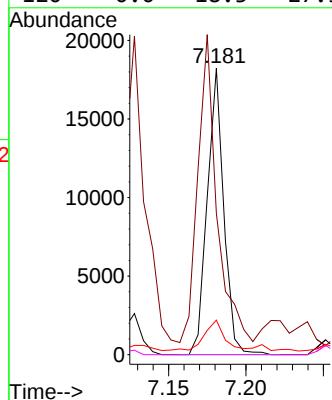
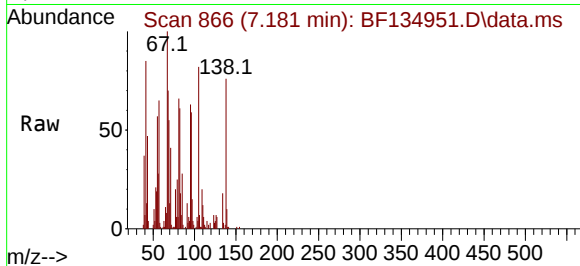




#22
Acetophenone
Concen: 2.232 ng
RT: 7.181 min Scan# 801
Delta R.T. -0.029 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

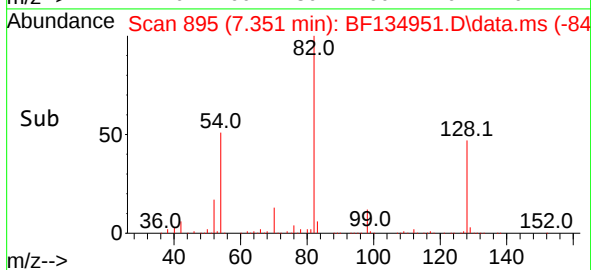
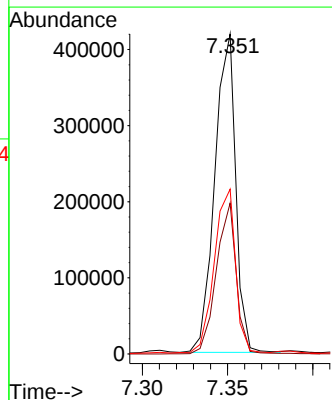
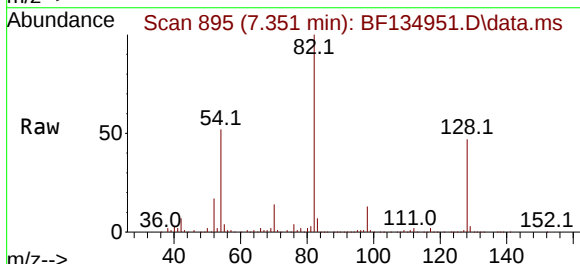
Instrument :
BNA_F
ClientSampleId :
RBR-22282

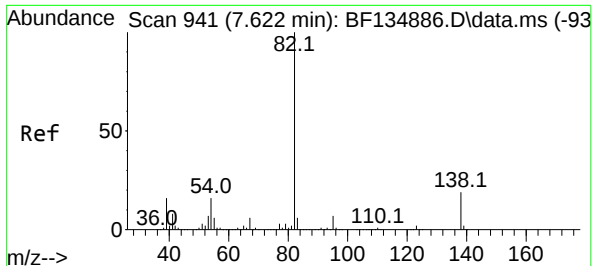
Tgt Ion:	105	Resp:	13519
Ion Ratio	Lower	Upper	
105	100		
71	49.4	4.6	6.8#
51	12.1	32.2	48.2#
120	0.0	18.3	27.5#



#23
Nitrobenzene-d5
Concen: 71.662 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion:	82	Resp:	356433
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.6	54.8
54	51.5	42.6	63.8

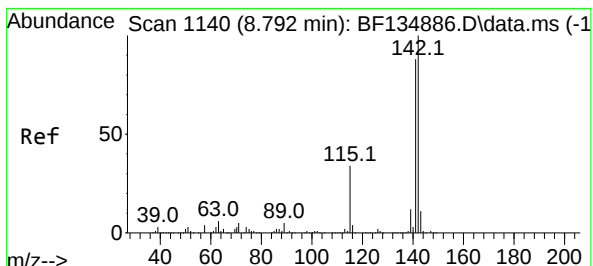
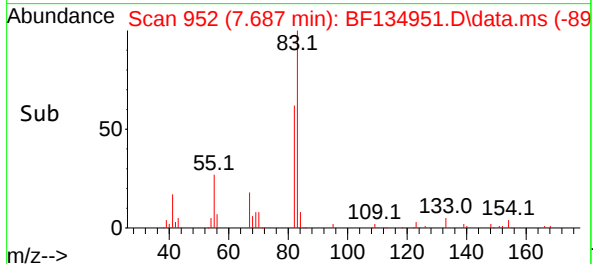
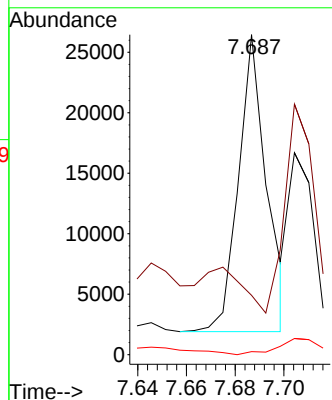
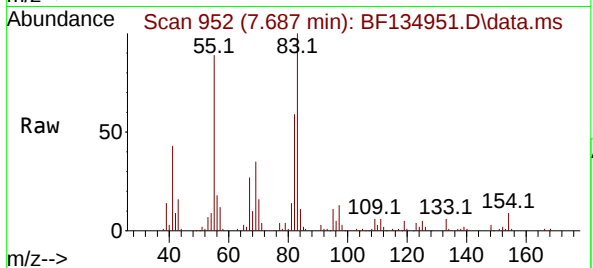




#25
Isophorone
Concen: 2.122 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.065 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

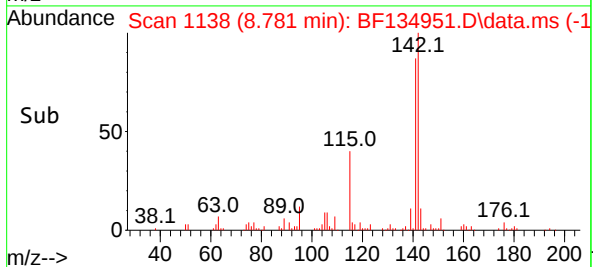
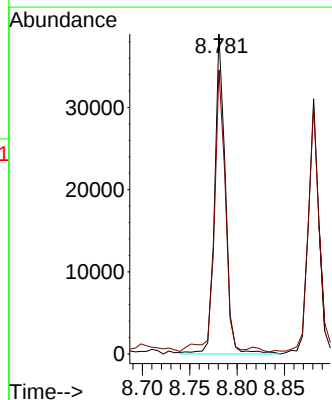
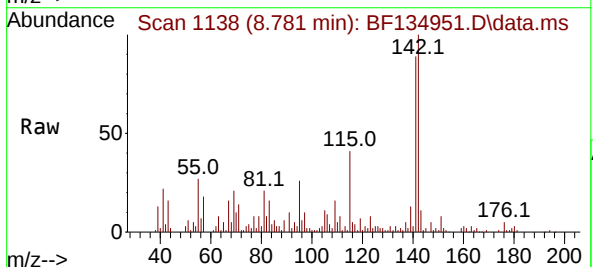
Instrument :
BNA_F
ClientSampleId :
RBR-22282

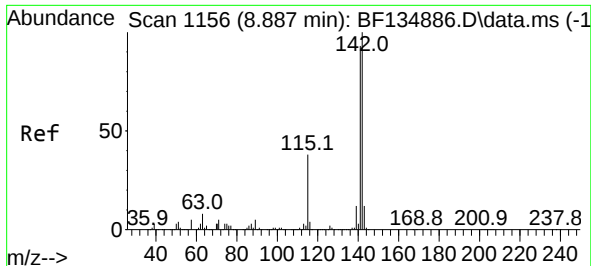
Tgt Ion: 82 Resp: 19705
Ion Ratio Lower Upper
82 100
95 18.5 5.9 8.9#
138 1.0 14.9 22.3#



#37
2-Methylnaphthalene
Concen: 3.337 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion: 142 Resp: 30456
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.2

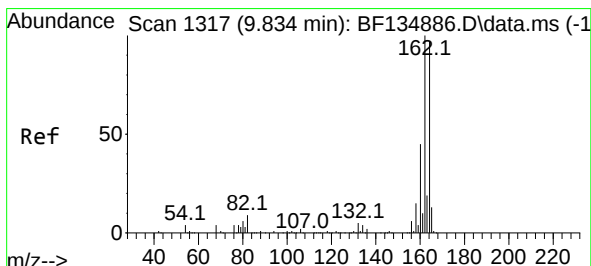
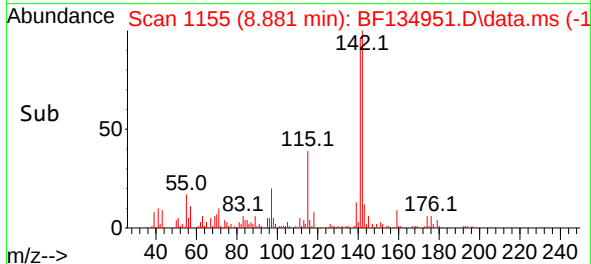
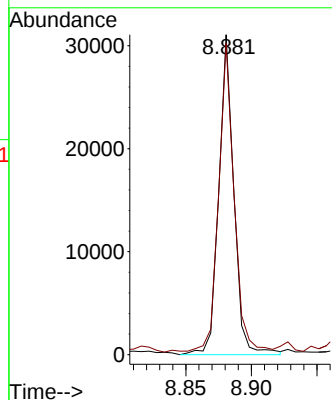
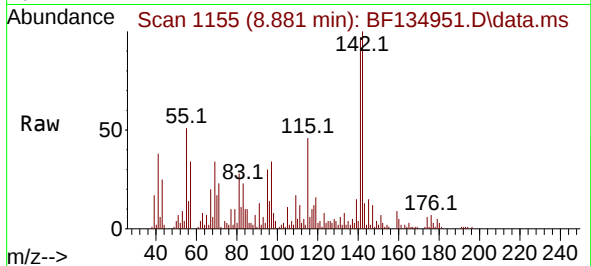




#38
1-Methylnaphthalene
Concen: 2.899 ng
RT: 8.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

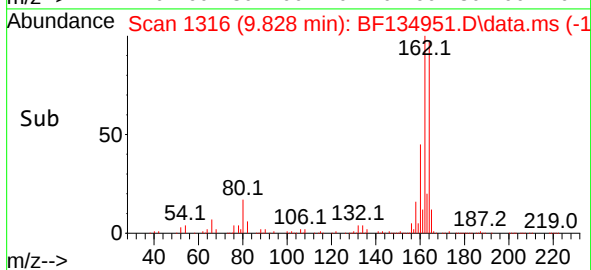
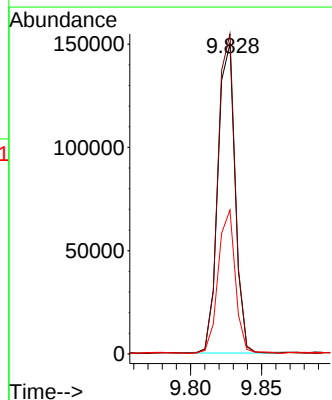
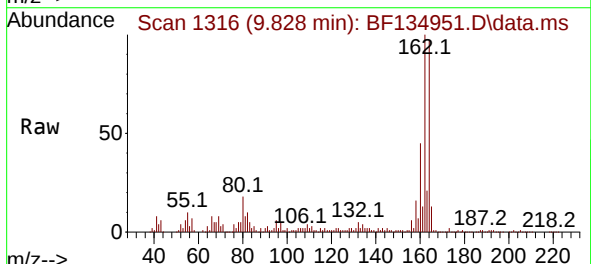
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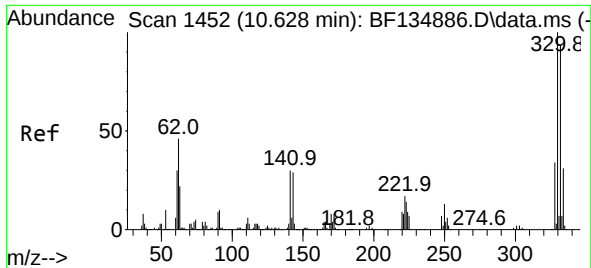
Tgt Ion:142 Resp: 24739
Ion Ratio Lower Upper
142 100
141 97.3 74.1 111.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion:164 Resp: 126539
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 46.4 37.0 55.4

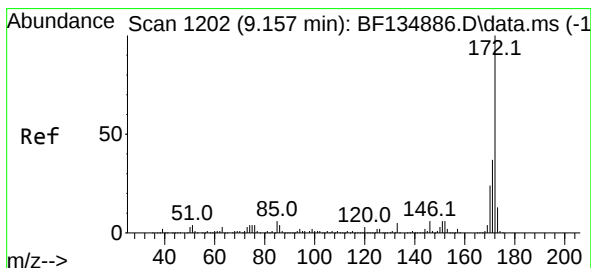
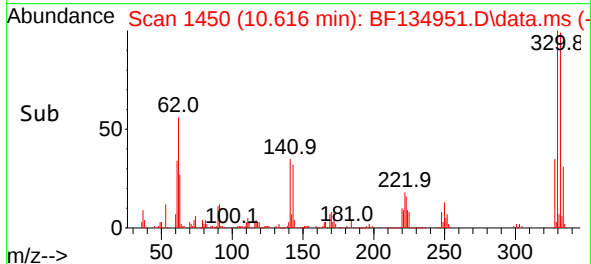
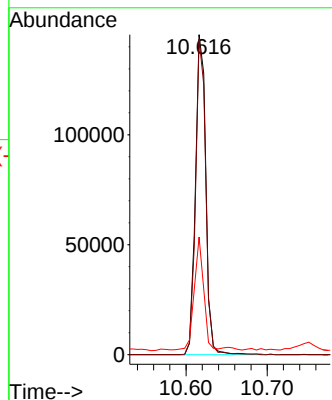
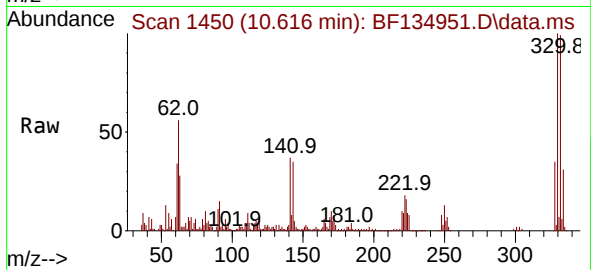




#42
2,4,6-Tribromophenol
Concen: 87.445 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

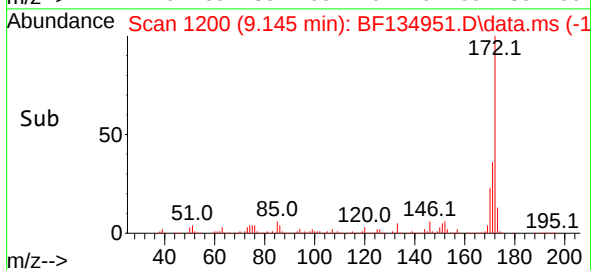
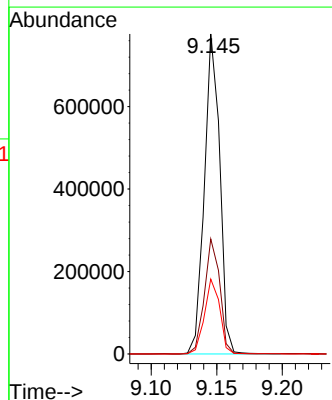
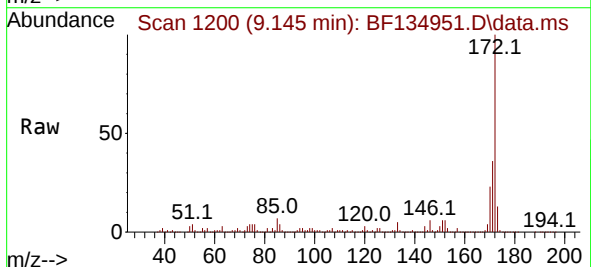
Instrument :
BNA_F
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RBR-22282

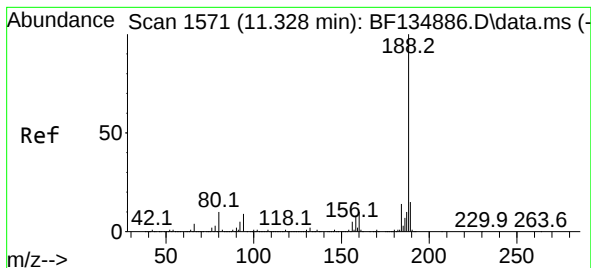
Tgt Ion:330 Resp: 130321
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 31.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 77.740 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134951.D
Acq: 25 Aug 2023 20:45

Tgt Ion:172 Resp: 636344
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.4 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134951.D

Acq: 25 Aug 2023 20:45

Instrument :

BNA_F

ClientSampleId :

RBR-22282

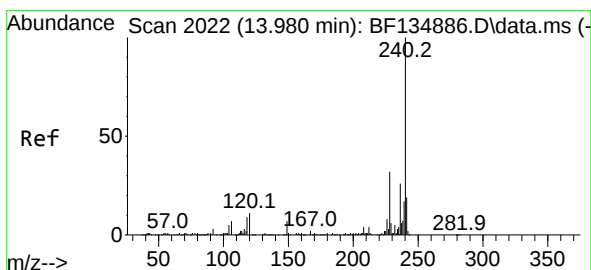
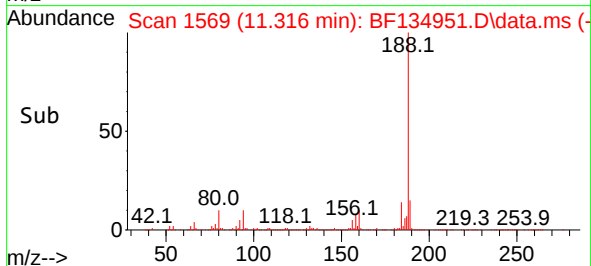
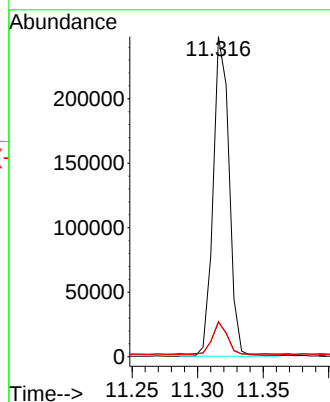
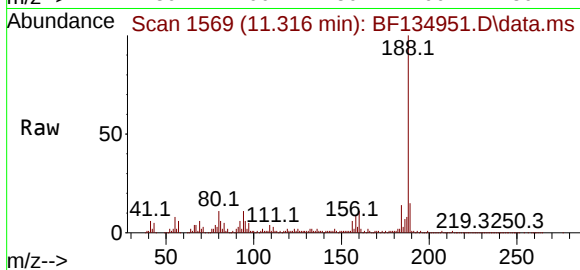
Tgt Ion:188 Resp: 210099

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

80 11.0 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF134951.D

Acq: 25 Aug 2023 20:45

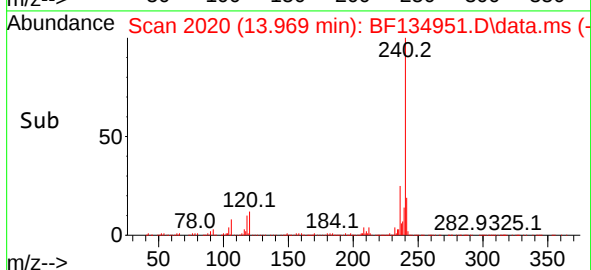
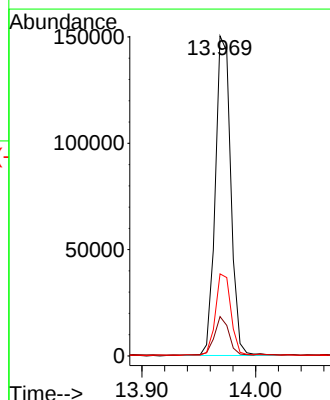
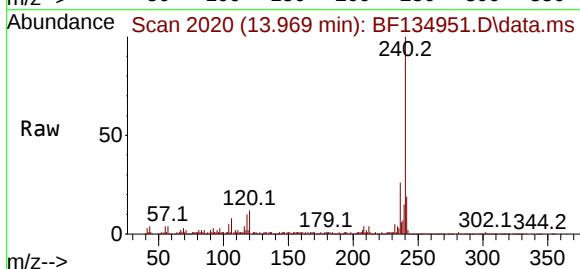
Tgt Ion:240 Resp: 142119

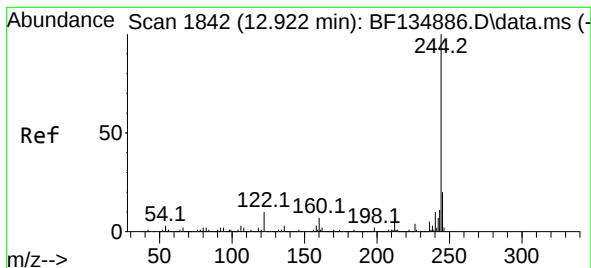
Ion Ratio Lower Upper

240 100

120 12.3 8.6 12.8

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 59.440 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134951.D

Acq: 25 Aug 2023 20:45

Instrument :

BNA_F

ClientSampleId :

RBR-22282

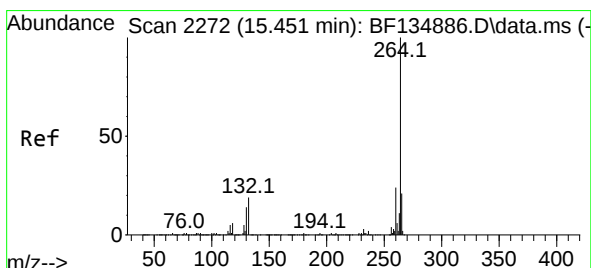
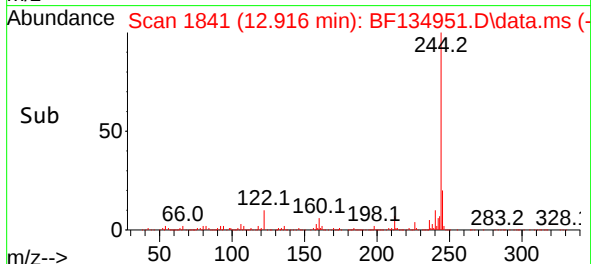
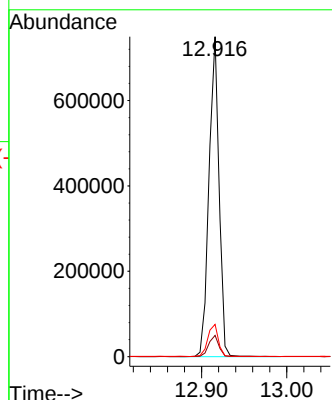
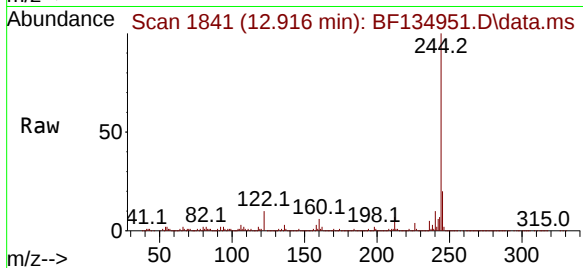
Tgt Ion:244 Resp: 614186

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.1 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF134951.D

Acq: 25 Aug 2023 20:45

Tgt Ion:264 Resp: 120769

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 21.0 17.1 25.7

