

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134967.D
 Acq On : 28 Aug 2023 14:23
 Operator : CG\JU
 Sample : 04112-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-22282RE

Quant Time: Aug 29 03:48:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

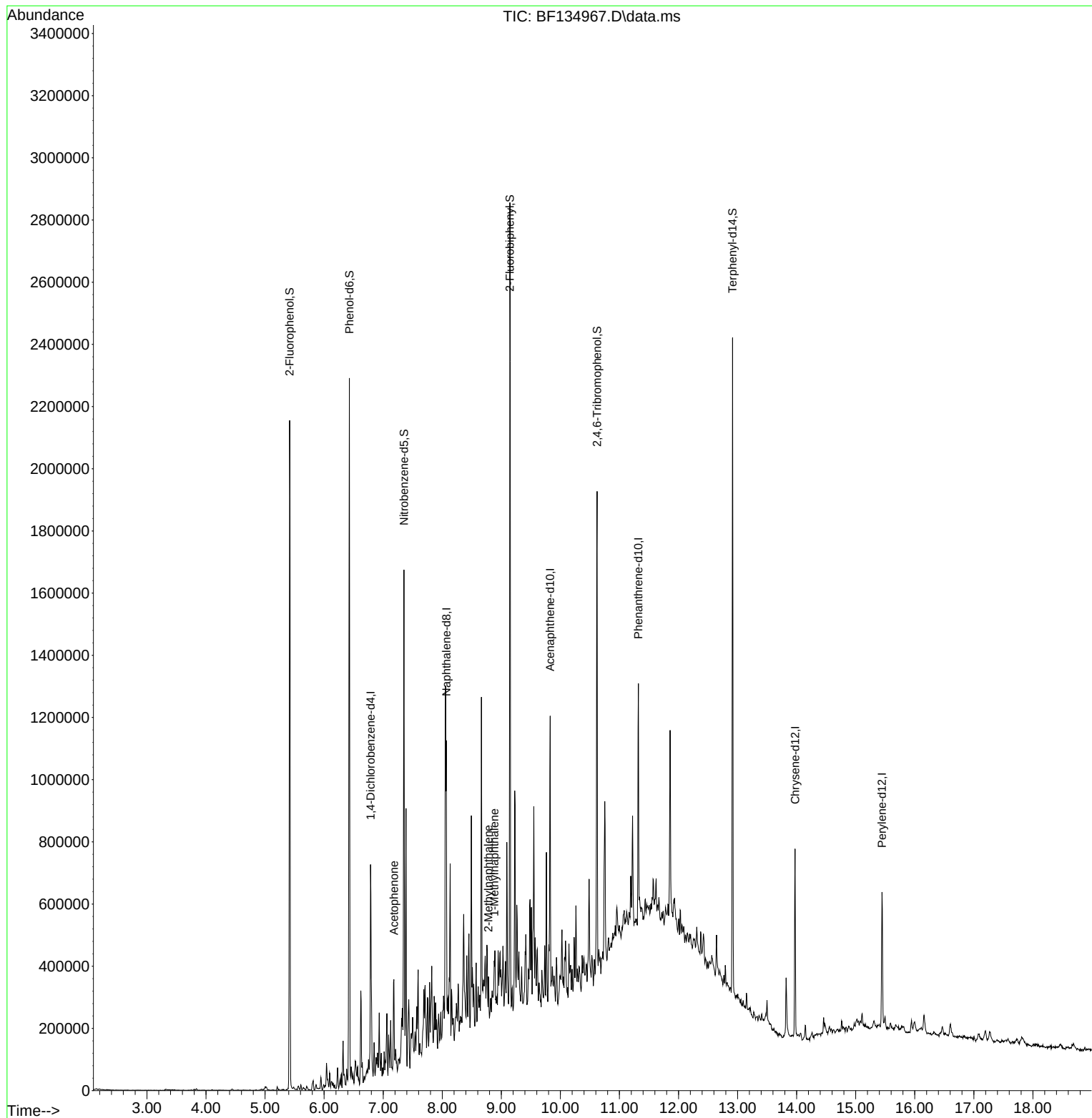
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89460	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	330915	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	160096	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	271747	20.000	ng	0.00
76) Chrysene-d12	13.974	240	189224	20.000	ng	0.00
86) Perylene-d12	15.445	264	200441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	602615	107.418	ng	0.00
7) Phenol-d6	6.428	99	736908	102.798	ng	-0.01
23) Nitrobenzene-d5	7.351	82	442463	73.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	190089	100.815	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	761027	73.485	ng	-0.01
79) Terphenyl-d14	12.916	244	690790	50.211	ng	0.00
Target Compounds						
22) Acetophenone	7.181	105	15518	2.122	ng	Qvalue # 45
37) 2-Methylnaphthalene	8.781	142	38190	3.466	ng	99
38) 1-Methylnaphthalene	8.880	142	30601	2.970	ng	96

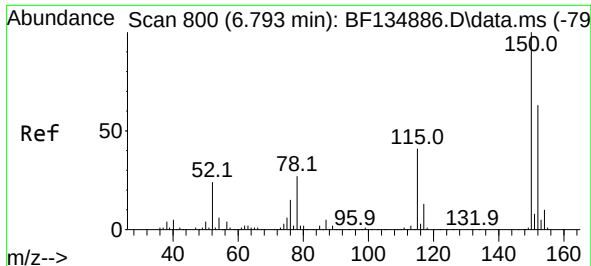
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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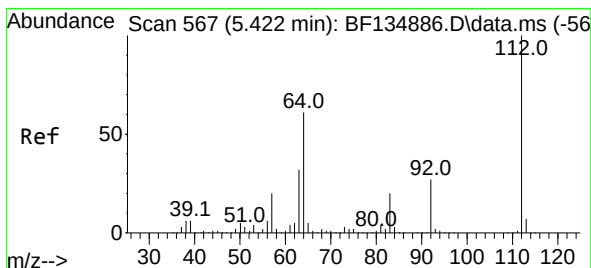
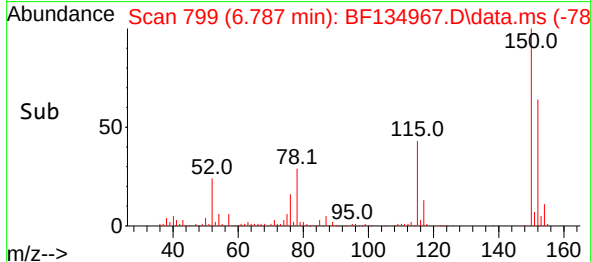
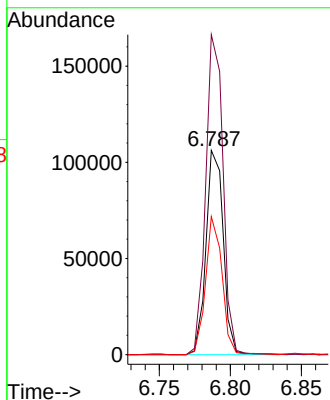
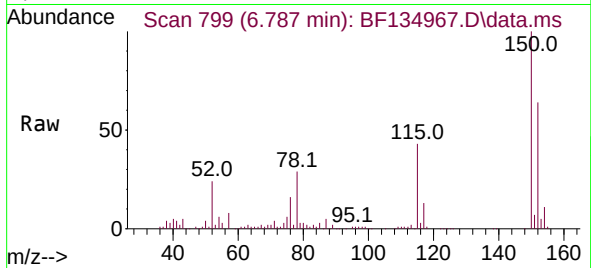




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

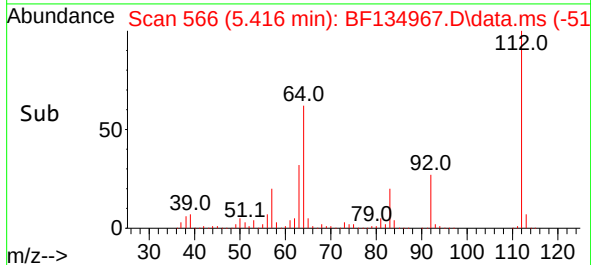
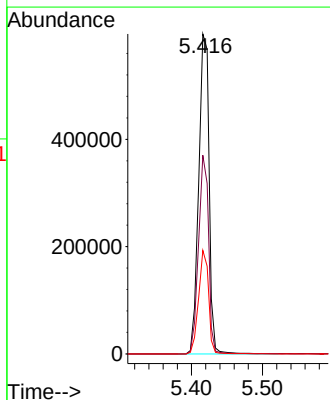
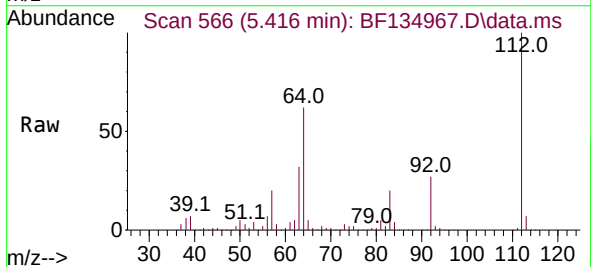
Instrument :
BNA_F
ClientSampleId :
RBR-22282RE

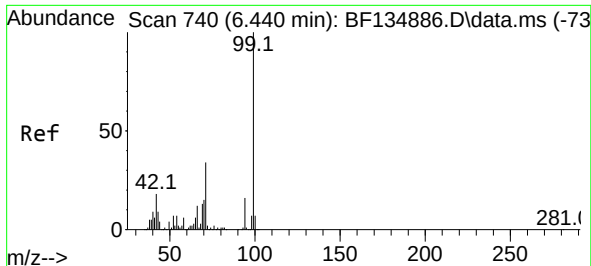
Tgt Ion:152 Resp: 89460
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 67.6 51.1 76.7



#5
2-Fluorophenol
Concen: 107.418 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

Tgt Ion:112 Resp: 602615
Ion Ratio Lower Upper
112 100
64 62.1 48.6 73.0
63 32.3 25.7 38.5

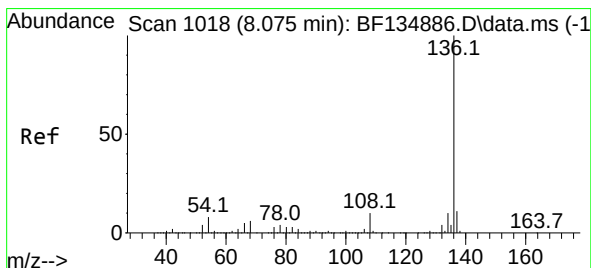
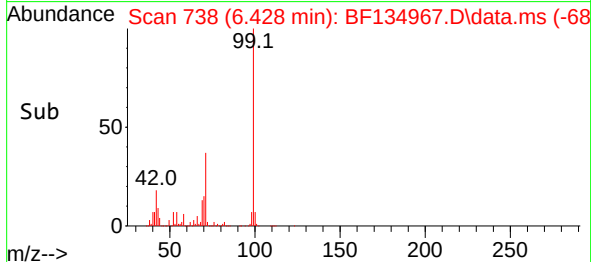
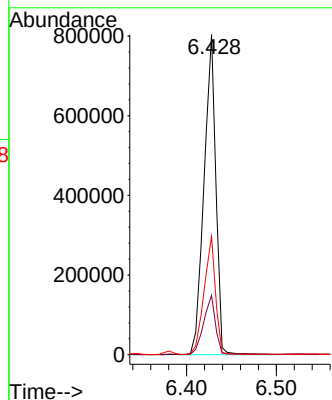
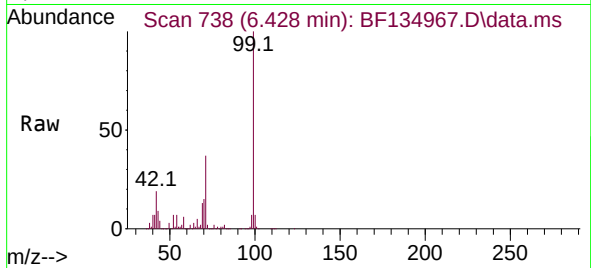




#7
Phenol-d6
Concen: 102.798 ng
RT: 6.428 min Scan# 73
Delta R.T. -0.012 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

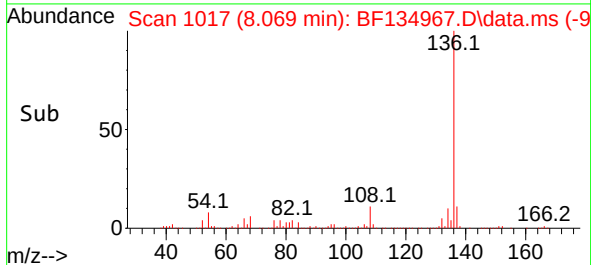
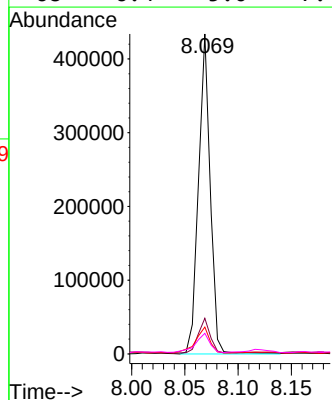
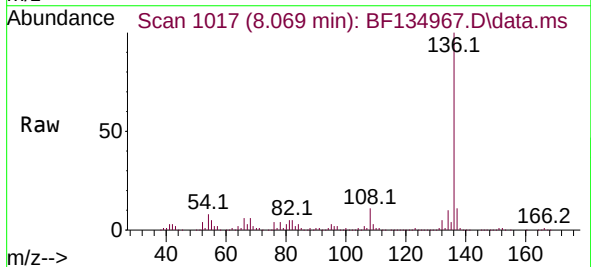
Instrument :
BNA_F
ClientSampleId :
RBR-22282RE

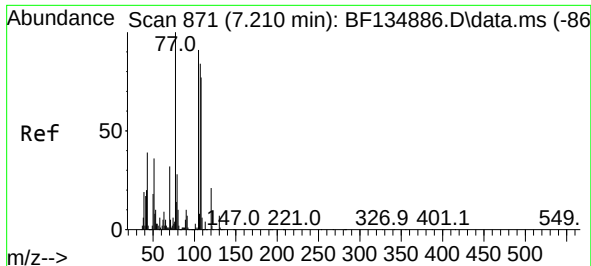
Tgt Ion: 99 Resp: 736908
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 36.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

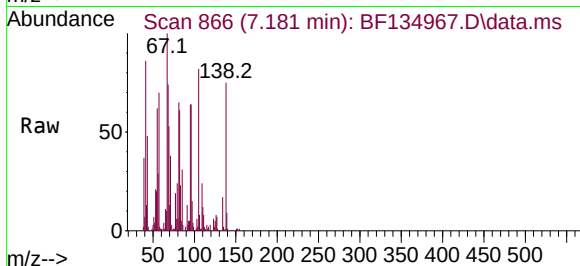
Tgt Ion: 136 Resp: 330915
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.4 6.6 9.8
68 6.4 5.0 7.4



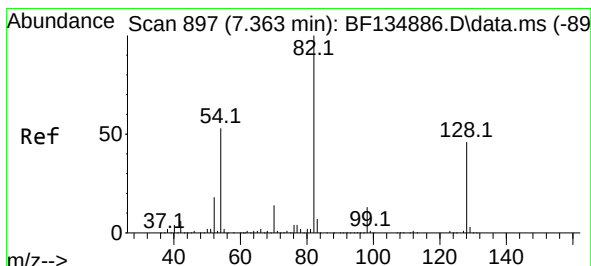
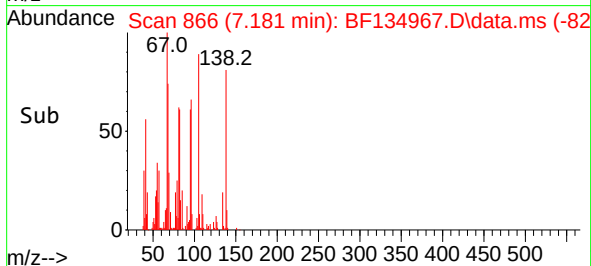
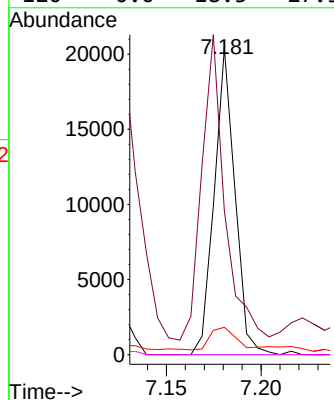


#22
Acetophenone
Concen: 2.122 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.030 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

Instrument :
BNA_F
ClientSampleId :
RBR-22282RE

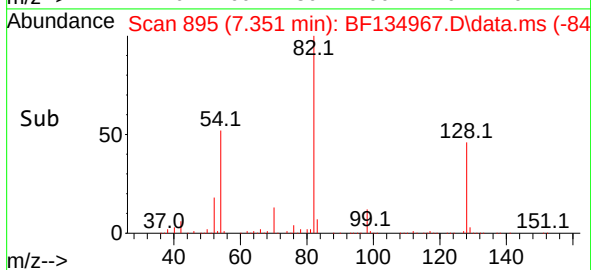
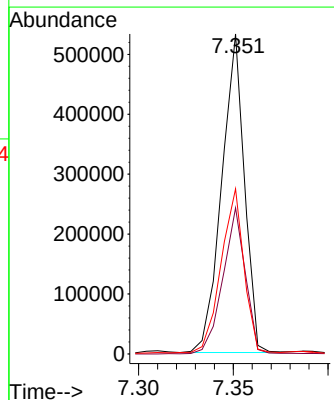
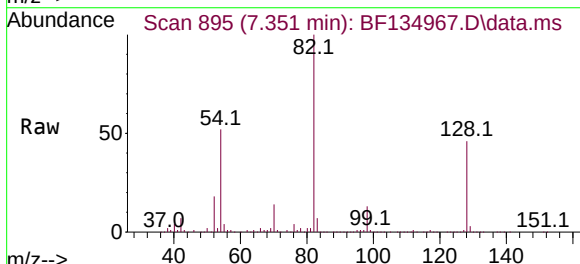


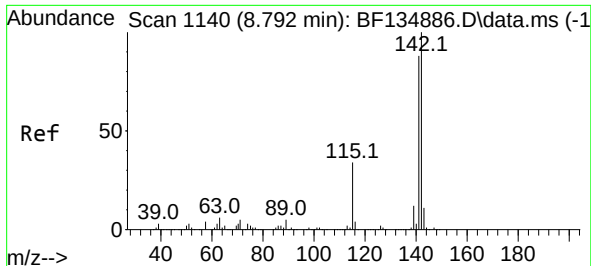
Tgt Ion:	105	Resp:	15518
Ion	Ratio	Lower	Upper
105	100		
71	46.9	4.6	6.8#
51	8.9	32.2	48.2#
120	0.0	18.3	27.5#



#23
Nitrobenzene-d5
Concen: 73.678 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

Tgt Ion:	82	Resp:	442463
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	54.8
54	51.6	42.6	63.8





#37

2-Methylnaphthalene

Concen: 3.466 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF134967.D

Acq: 28 Aug 2023 14:23

Instrument :

BNA_F

ClientSampleId :

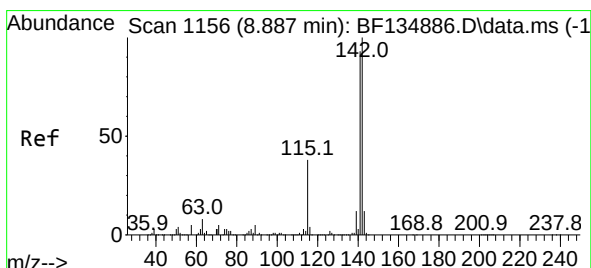
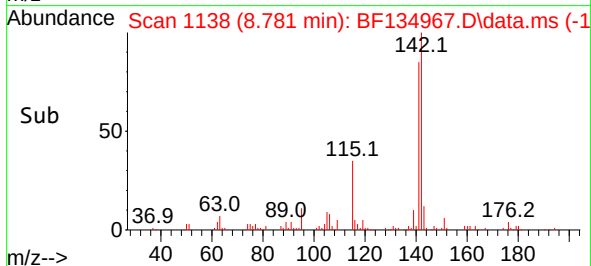
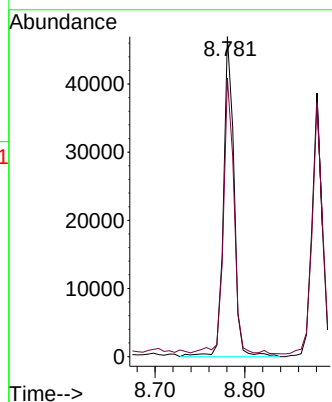
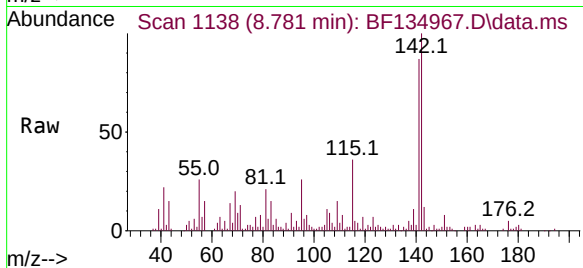
RBR-22282RE

Tgt Ion:142 Resp: 38190

Ion Ratio Lower Upper

142 100

141 87.0 70.2 105.2



#38

1-Methylnaphthalene

Concen: 2.970 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF134967.D

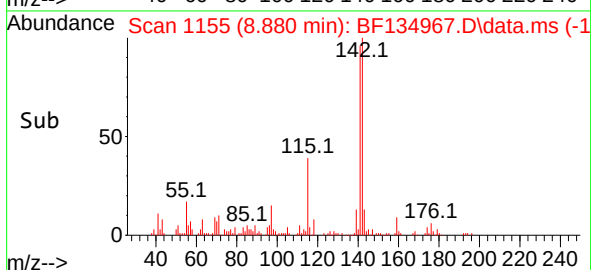
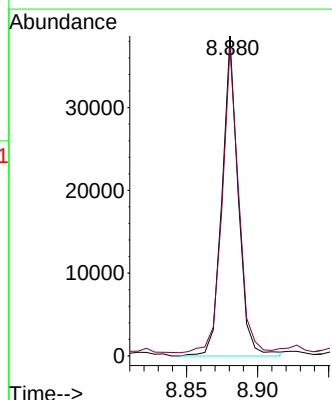
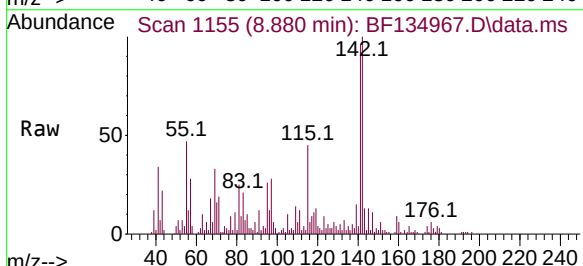
Acq: 28 Aug 2023 14:23

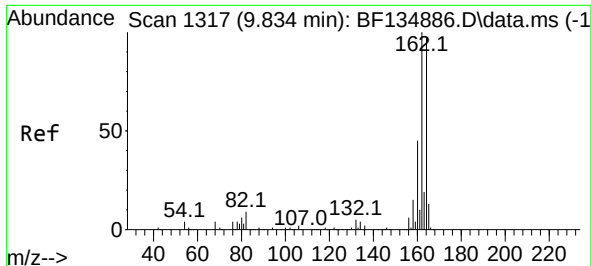
Tgt Ion:142 Resp: 30601

Ion Ratio Lower Upper

142 100

141 96.4 74.1 111.1

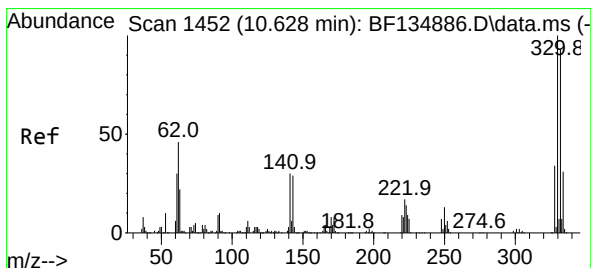
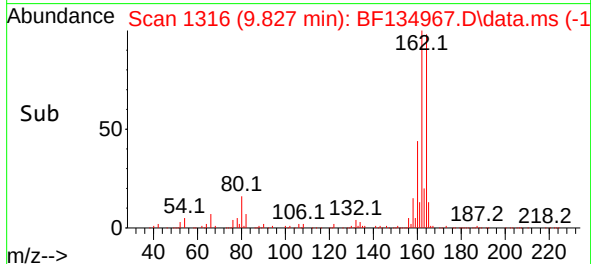
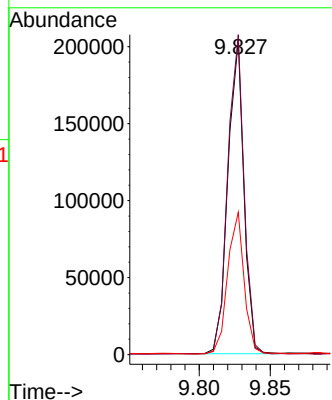
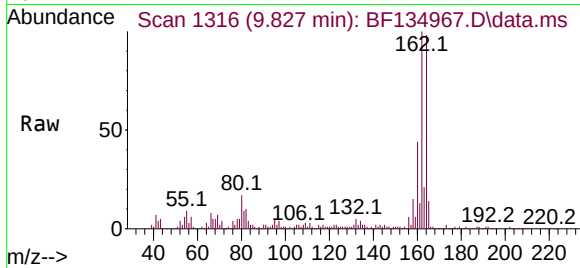




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

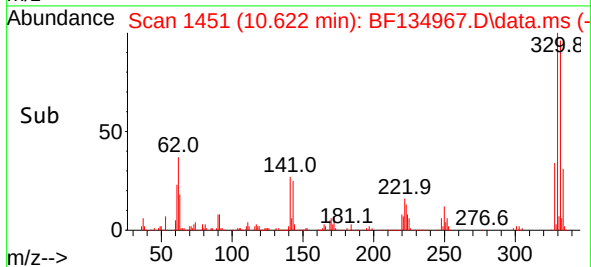
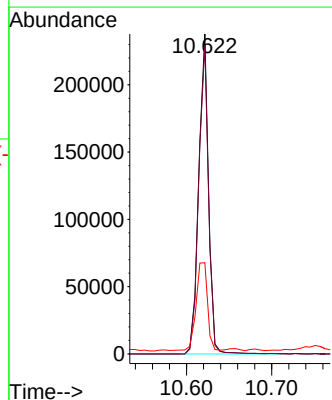
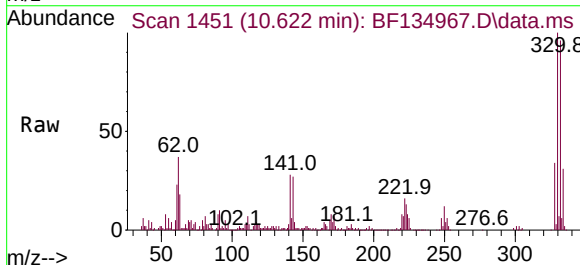
Instrument :
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RBR-22282RE

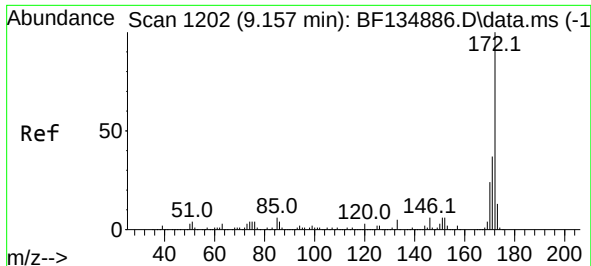
Tgt Ion:164 Resp: 160096
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 100.815 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

Tgt Ion:330 Resp: 190089
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 31.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 73.485 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134967.D

Acq: 28 Aug 2023 14:23

Instrument :

BNA_F

ClientSampleId :

RBR-22282RE

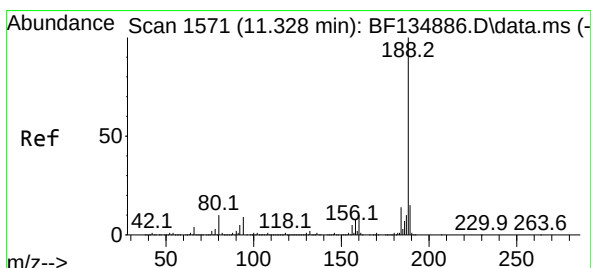
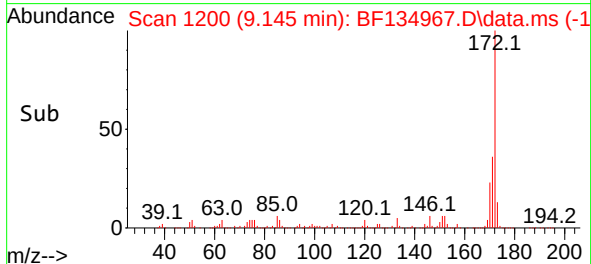
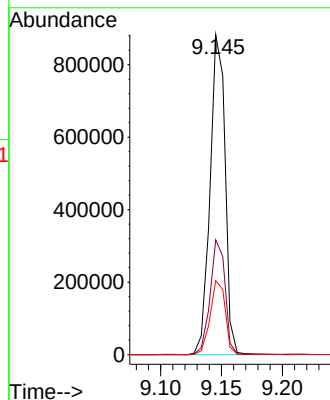
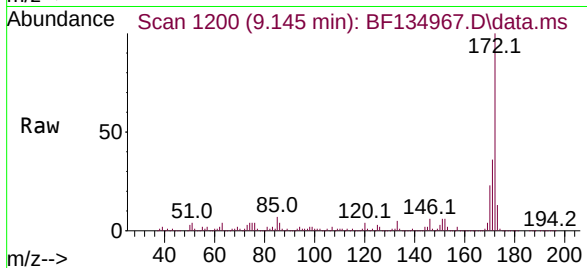
Tgt Ion:172 Resp: 761027

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 23.1 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF134967.D

Acq: 28 Aug 2023 14:23

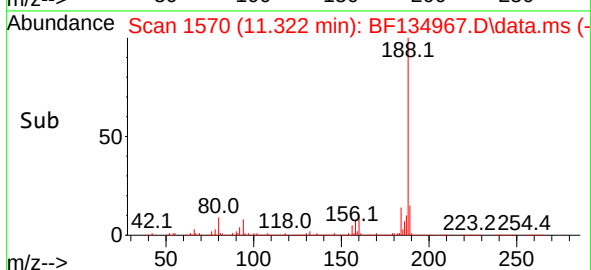
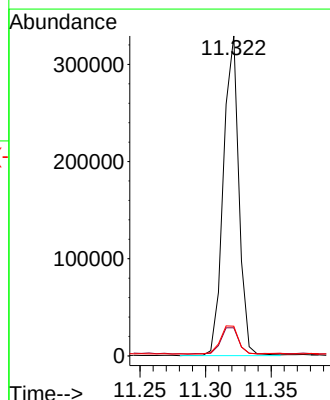
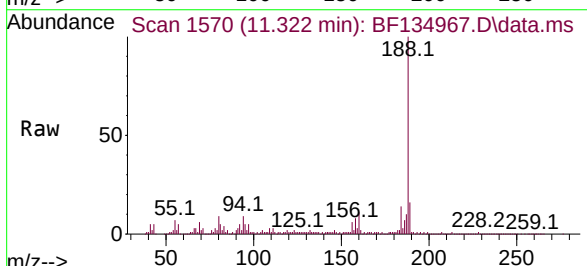
Tgt Ion:188 Resp: 271747

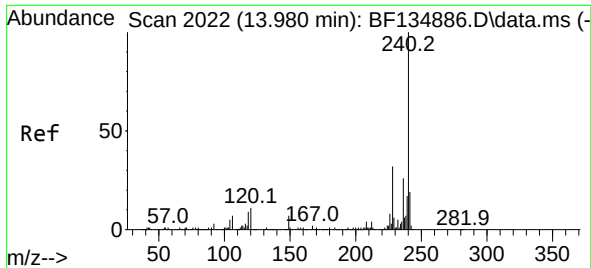
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.3 7.8 11.6

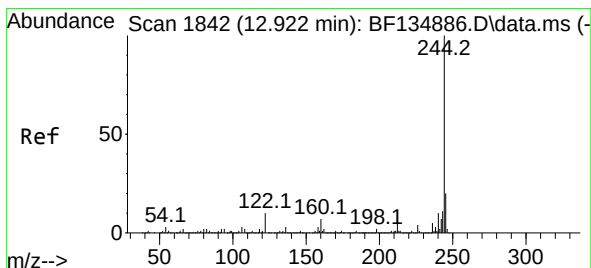
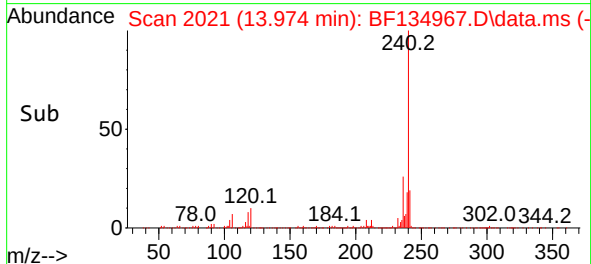
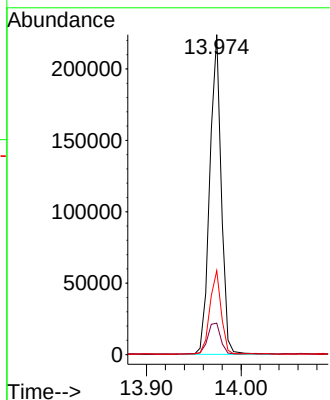
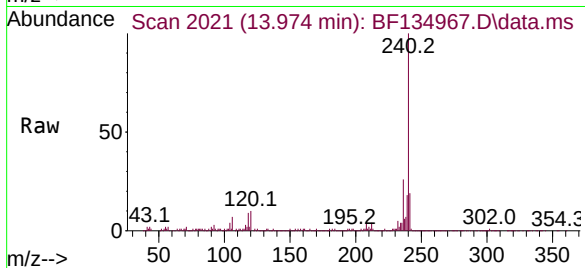




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

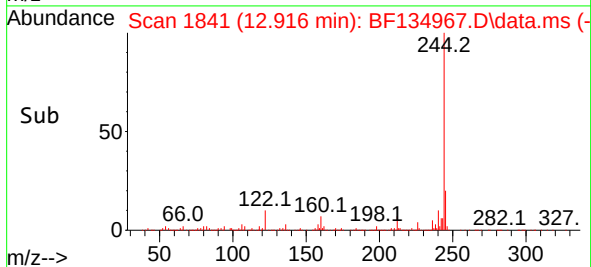
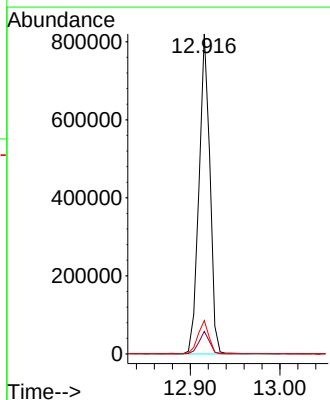
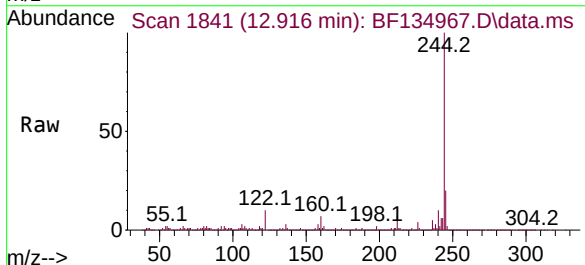
Instrument :
BNA_F
ClientSampleId :
RBR-22282RE

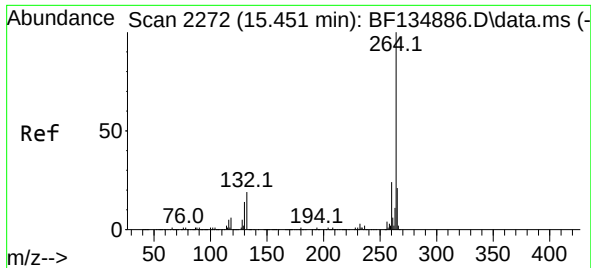
Tgt Ion:240 Resp: 189224
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 50.211 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134967.D
Acq: 28 Aug 2023 14:23

Tgt Ion:244 Resp: 690790
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.4 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: BF134967.D
Acq: 28 Aug 2023 14:23

Instrument :
BNA_F
ClientSampleId :
RBR-22282RE

Tgt Ion:264 Resp: 200441

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	21.5	17.1	25.7

