

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123098.D
 Acq On : 3 Feb 2021 11:58
 Operator : JU/CG
 Sample : M1284-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012921

Quant Time: Feb 03 12:22:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	233453	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	889296	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	475034	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	832924	20.00	ng	0.00
76) Chrysene-d12	14.074	240	574294	20.00	ng	-0.01
86) Perylene-d12	15.568	264	530775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	278301	18.39	ng	0.00
7) Phenol-d6	6.504	99	348215	16.97	ng	-0.01
23) Nitrobenzene-d5	7.445	82	211903	11.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	90887	17.62	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	422367	13.22	ng	-0.01
79) Terphenyl-d14	13.016	244	436831	14.94	ng	-0.01

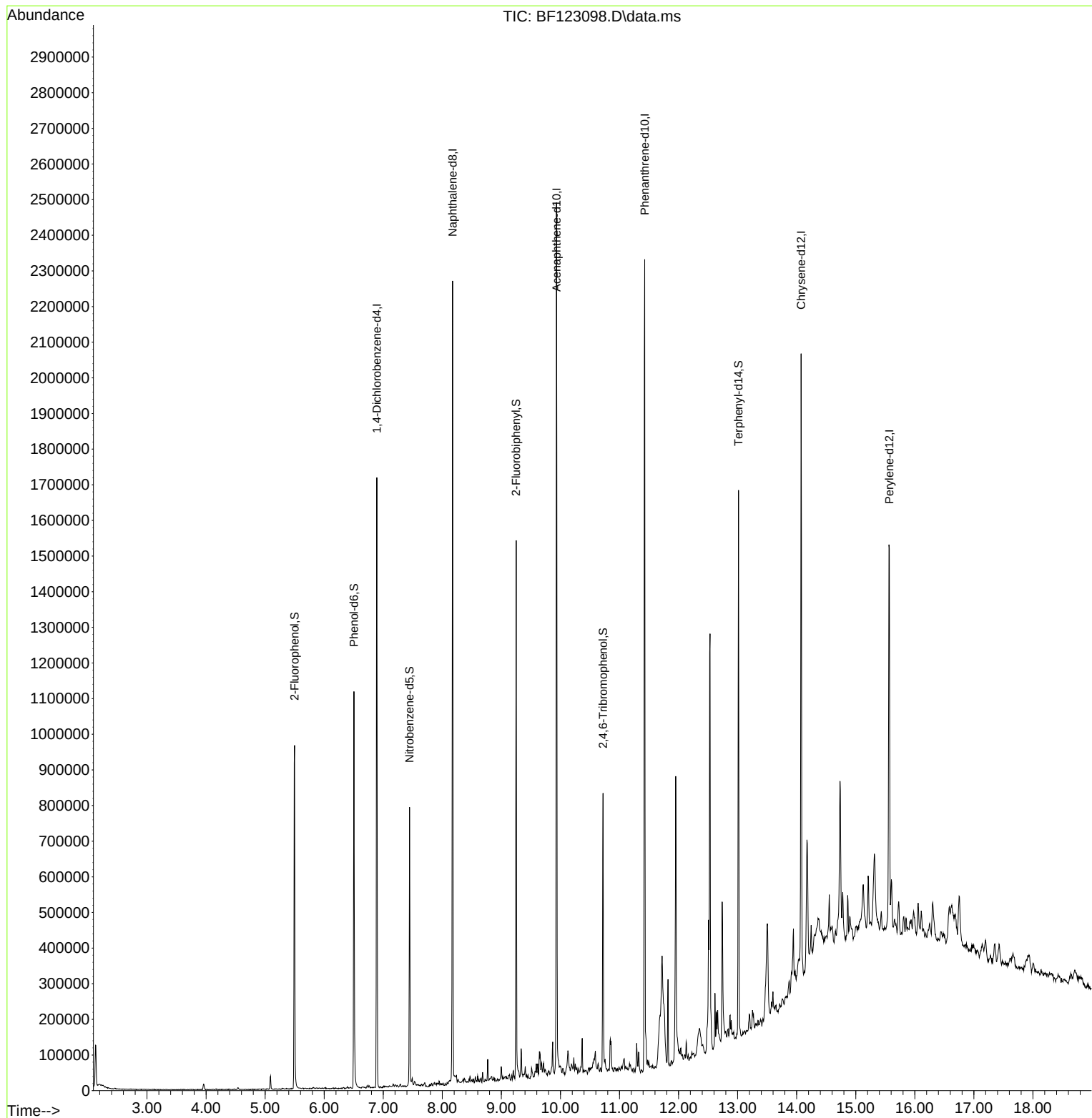
Target Compounds	Qvalue
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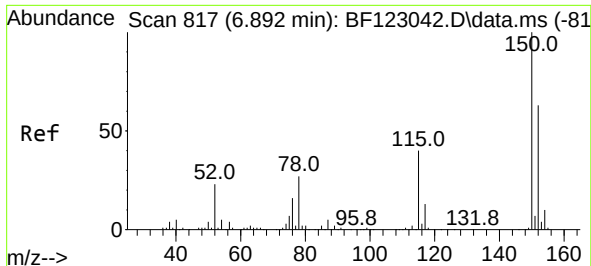
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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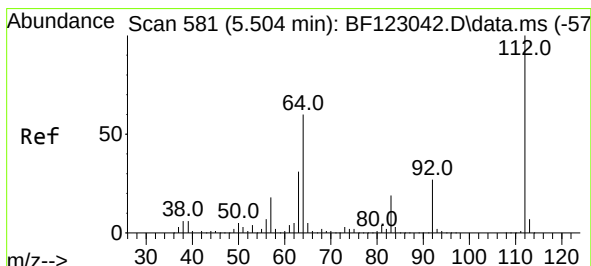
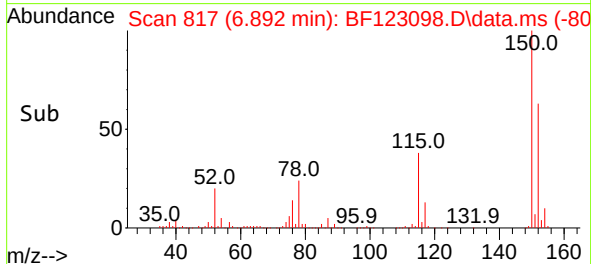
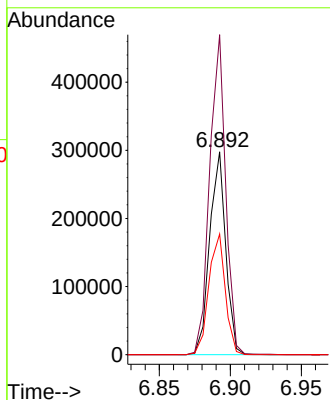
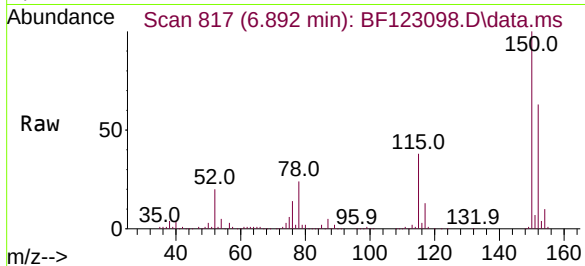




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123098.D
 Acq: 3 Feb 2021 11:58

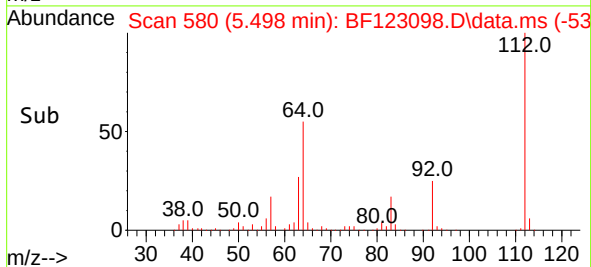
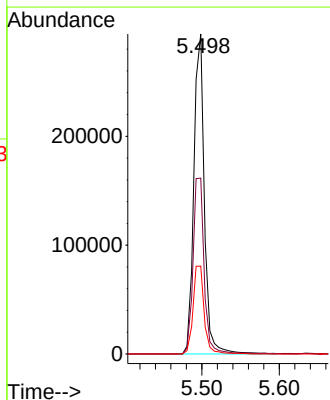
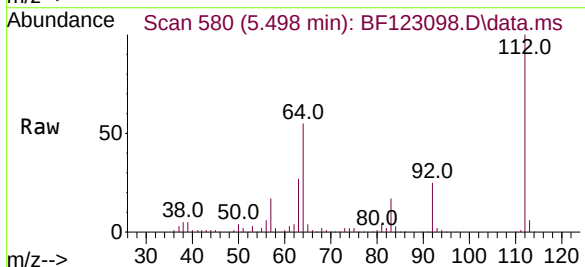
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-012921

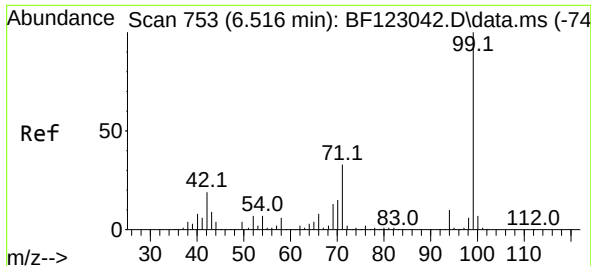
Tgt Ion:152 Resp: 233453
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.8 188.6
 115 59.5 49.3 73.9



#5
 2-Fluorophenol
 Concen: 18.39 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.006 min
 Lab File: BF123098.D
 Acq: 3 Feb 2021 11:58

Tgt Ion:112 Resp: 278301
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.9 70.3
 63 27.4 24.5 36.7

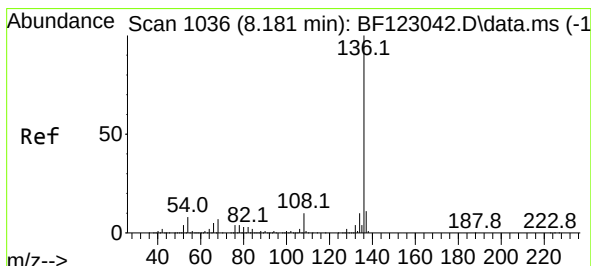
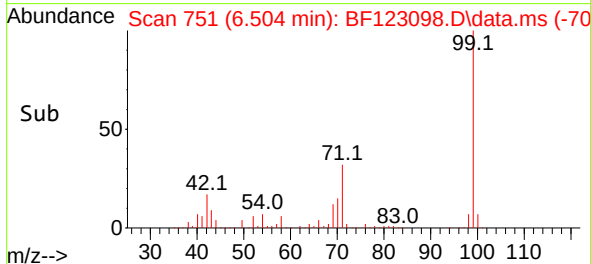
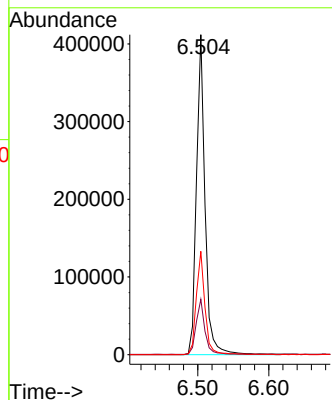
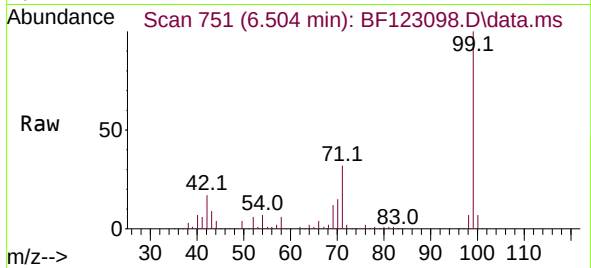




#7
Phenol-d6
Concen: 16.97 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

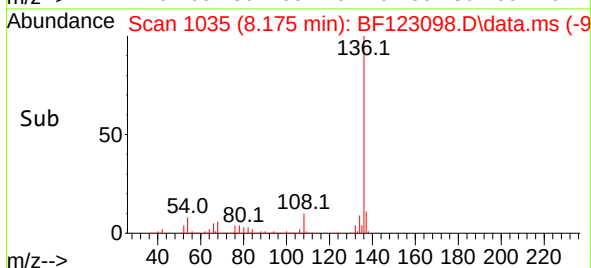
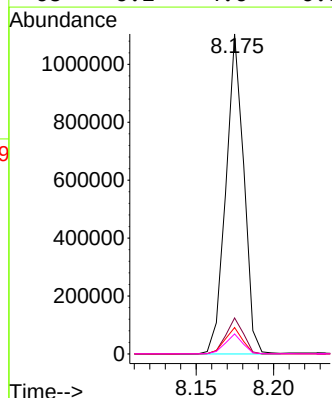
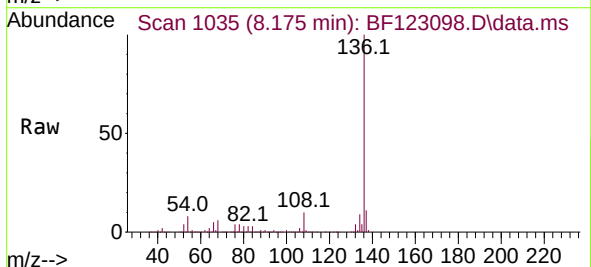
Instrument :
BNA_F
ClientSampleId :
TR-04-012921

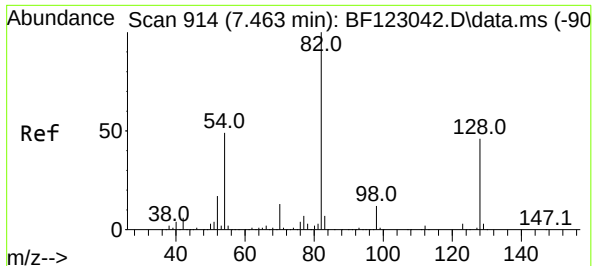
Tgt Ion: 99 Resp: 348215
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 32.3 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion: 136 Resp: 889296
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 5.5 8.3
68 6.2 4.6 6.8

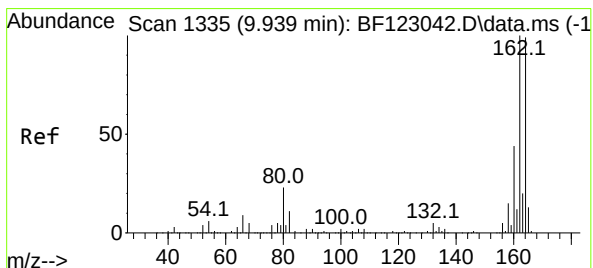
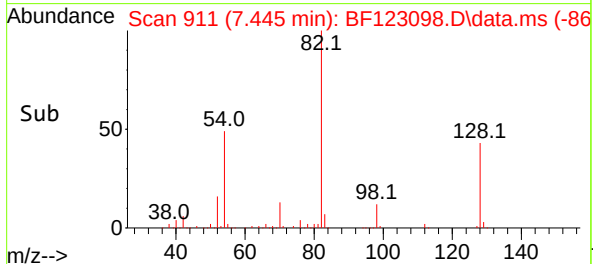
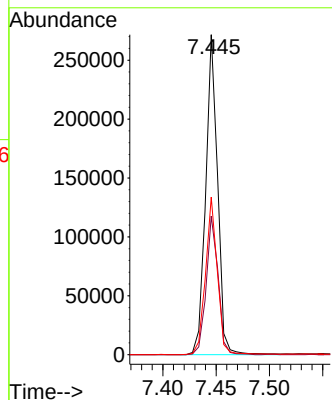
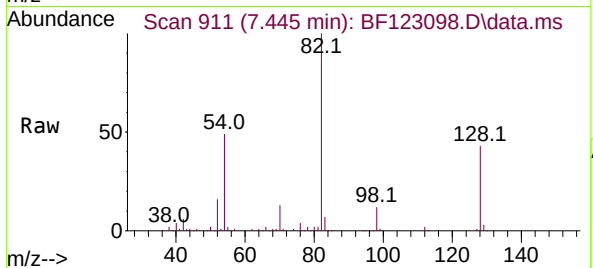




#23
Nitrobenzene-d5
Concen: 11.99 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

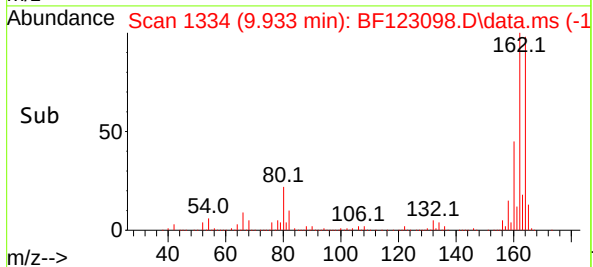
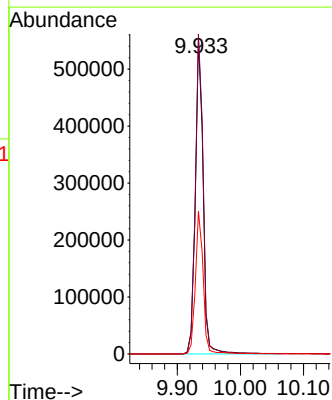
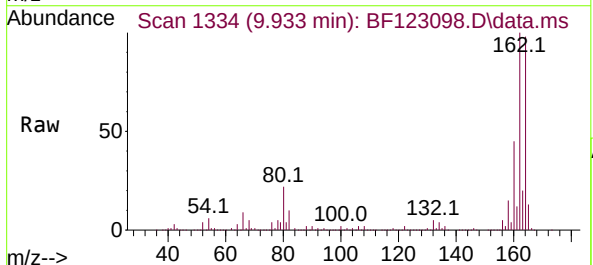
Instrument :
BNA_F
ClientSampleId :
TR-04-012921

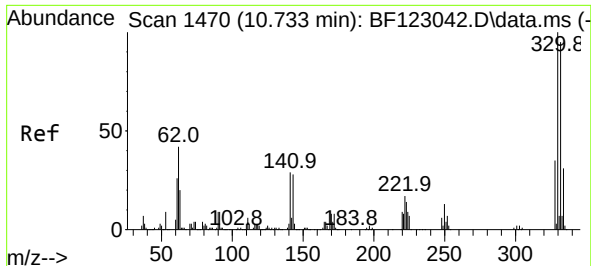
Tgt Ion: 82 Resp: 211903
Ion Ratio Lower Upper
82 100
128 43.3 37.0 55.4
54 49.2 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

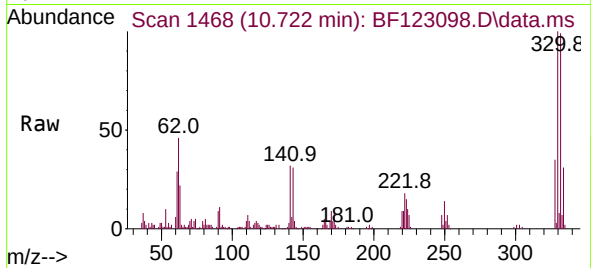
Tgt Ion: 164 Resp: 475034
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.4 35.4 53.0



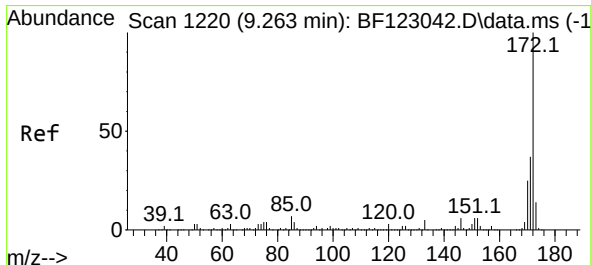
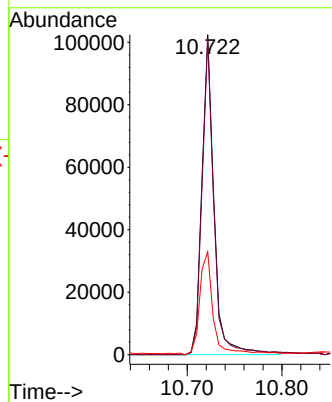
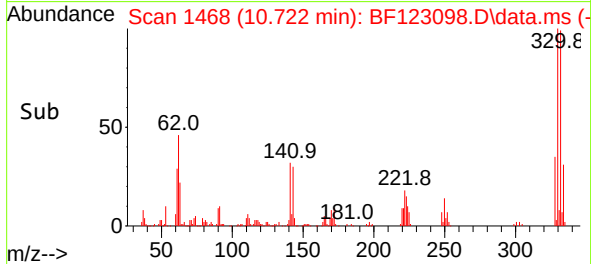


#42
2,4,6-Tribromophenol
Concen: 17.62 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

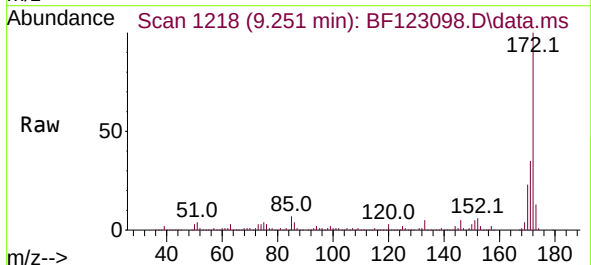
Instrument :
BNA_F
ClientSampleId :
TR-04-012921



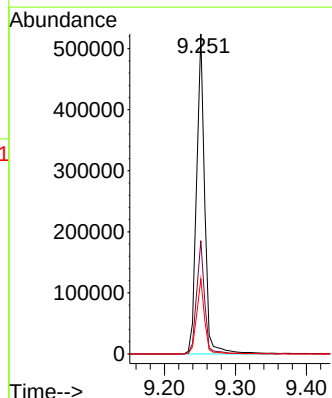
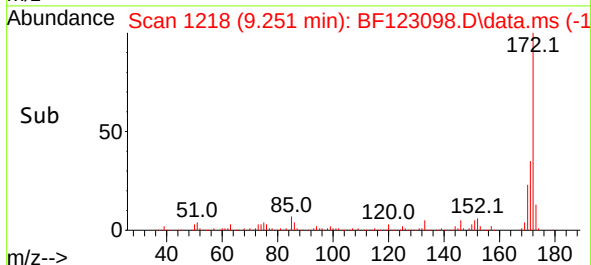
Tgt Ion: 330 Resp: 90887
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.7 23.8 35.8#

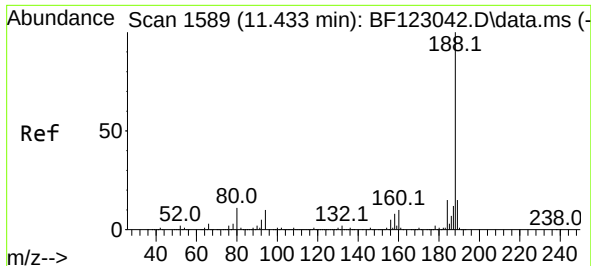


#45
2-Fluorobiphenyl
Concen: 13.22 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58



Tgt Ion: 172 Resp: 422367
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.5 19.5 29.3

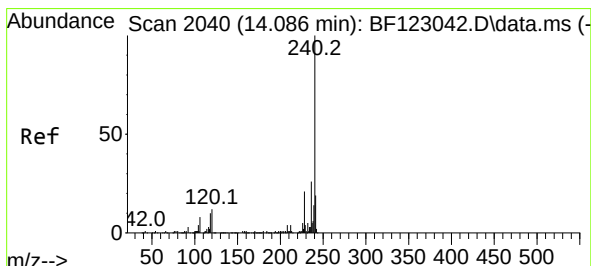
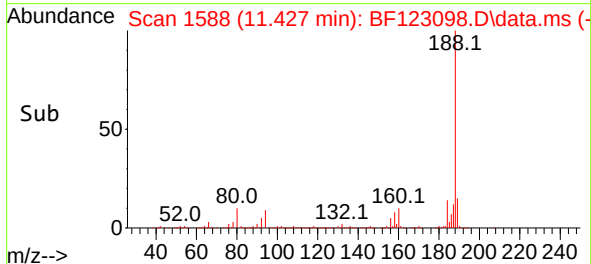
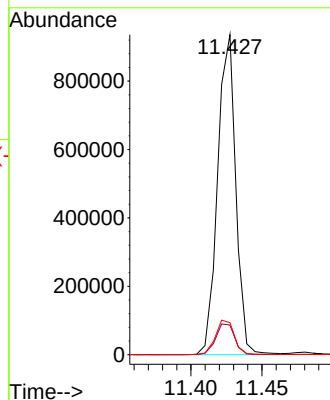
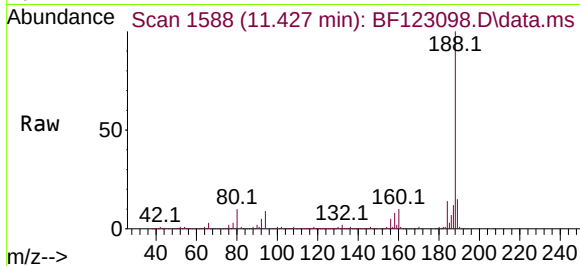




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

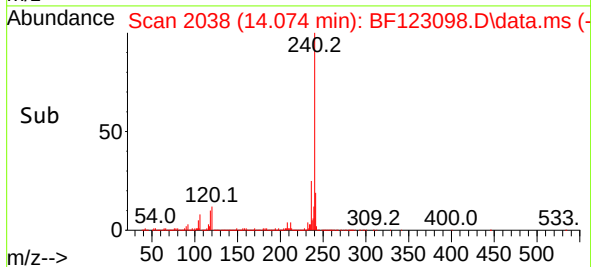
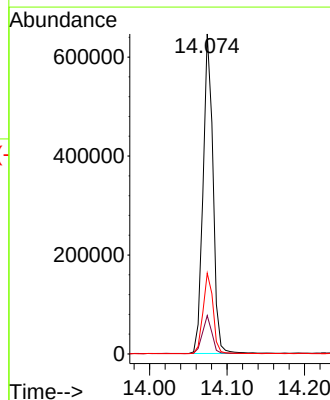
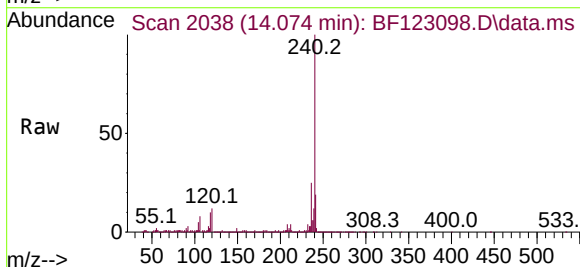
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TR-04-012921

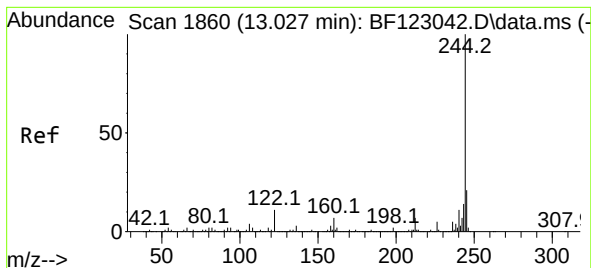
Tgt Ion:188 Resp: 832924
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123098.D
Acq: 3 Feb 2021 11:58

Tgt Ion:240 Resp: 574294
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 14.94 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.012 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:244 Resp: 436831

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

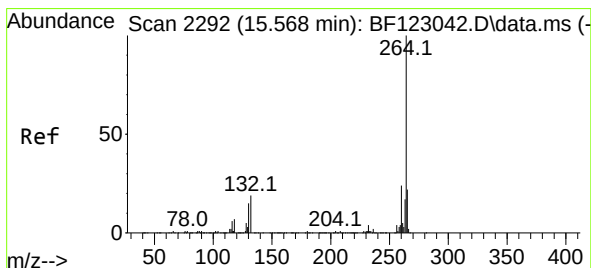
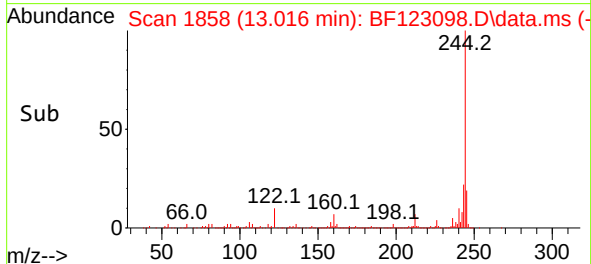
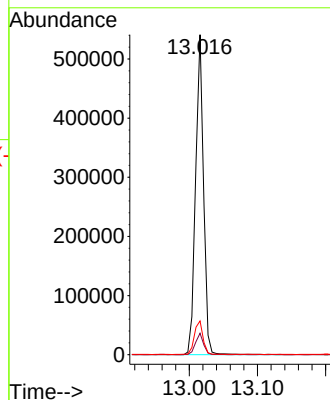
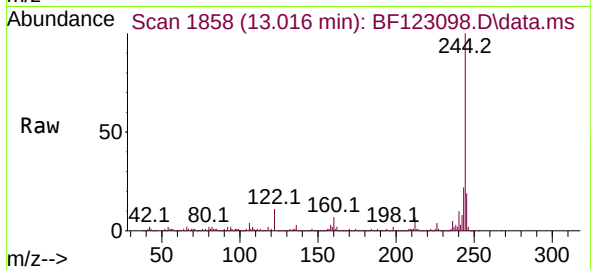
122 10.5 8.3 12.5

Instrument :

BNA_F

ClientSampleId :

TR-04-012921



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF123098.D

Acq: 3 Feb 2021 11:58

Tgt Ion:264 Resp: 530775

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 20.7 17.0 25.6

