

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123129.D
 Acq On : 5 Feb 2021 11:11
 Operator : JU/CG
 Sample : PB134458TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134458TB

Quant Time: Feb 05 12:04:27 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	6.893	152	234860	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	908414	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	489326	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	914758	20.00	ng	0.00
76) Chrysene-d12	14.080	240	846467	20.00	ng	0.00
86) Perylene-d12	15.574	264	723423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1632919	107.25	ng	0.02
7) Phenol-d6	6.522	99	2056427	99.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	1329618	73.66	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	660373	124.32	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2405265	73.07	ng	0.00
79) Terphenyl-d14	13.027	244	2945401	68.36	ng	0.00

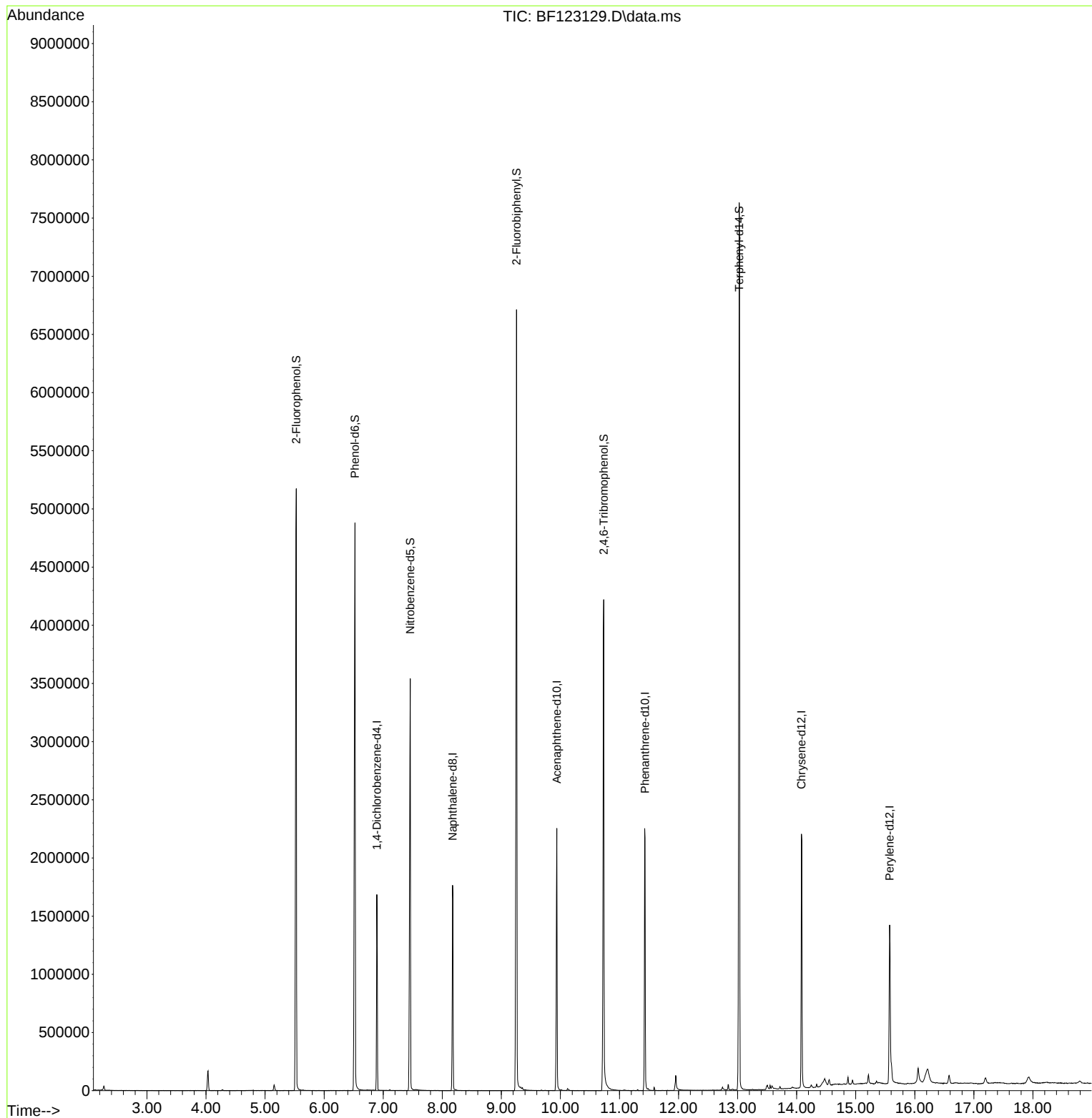
Target Compounds	Qvalue

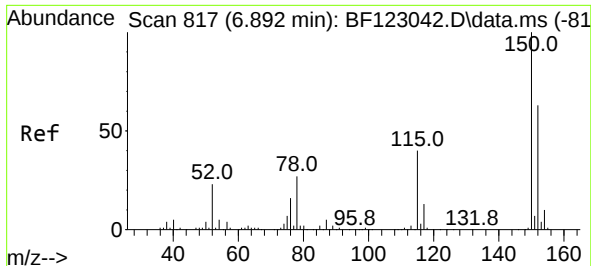
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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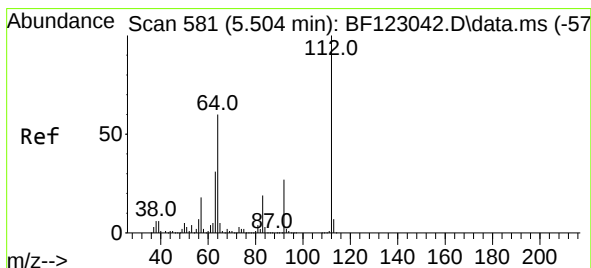
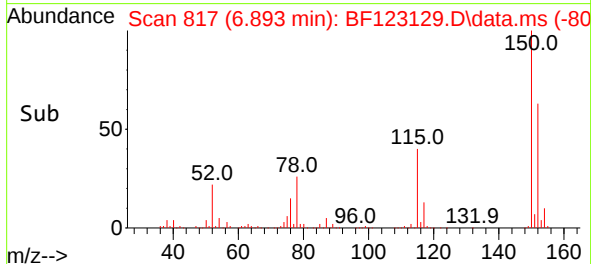
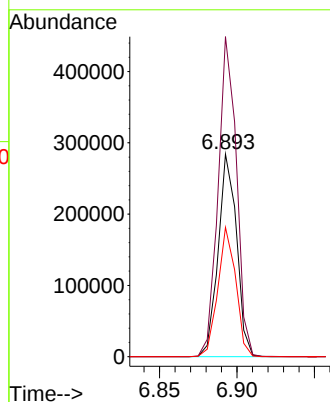
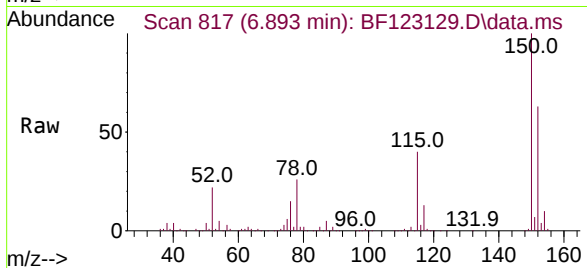




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

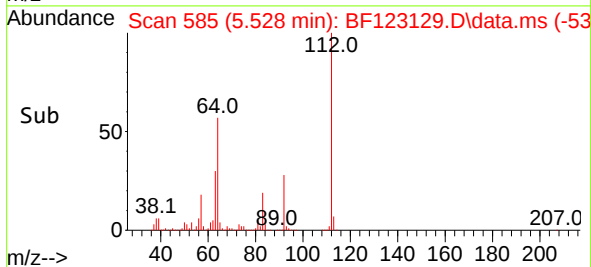
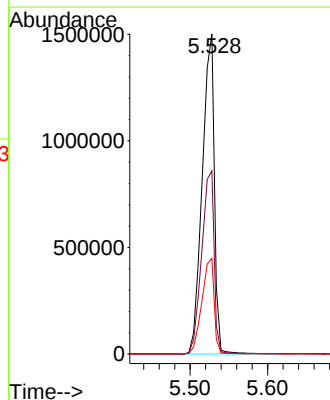
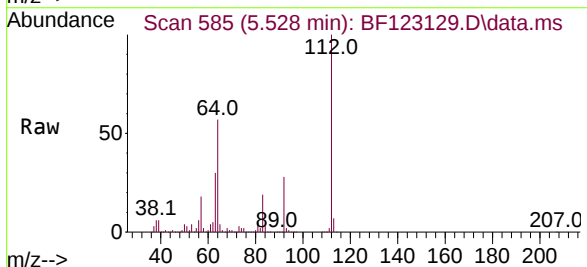
Instrument :
BNA_F
ClientSampleId :
PB134458TB

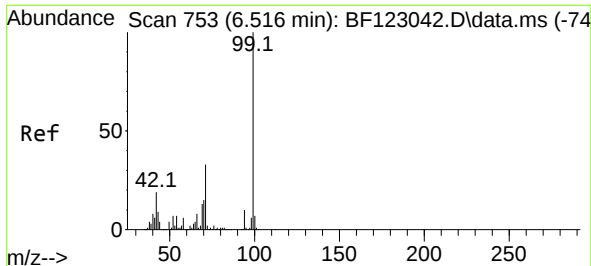
Tgt Ion:152 Resp: 234860
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 63.9 49.3 73.9



#5
2-Fluorophenol
Concen: 107.25 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:112 Resp: 1632919
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.9 24.5 36.7



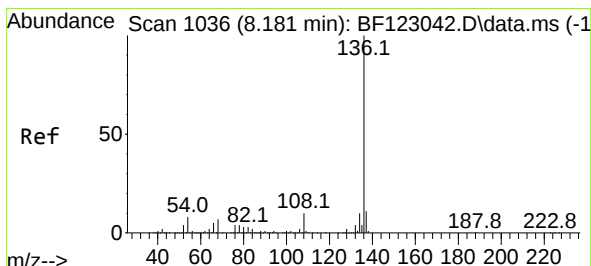
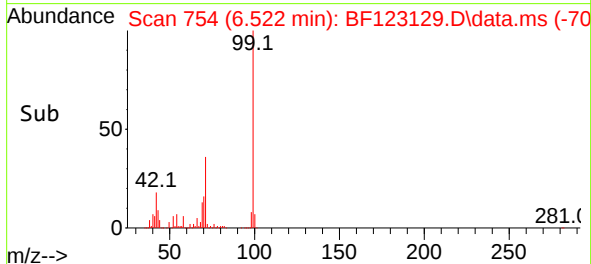
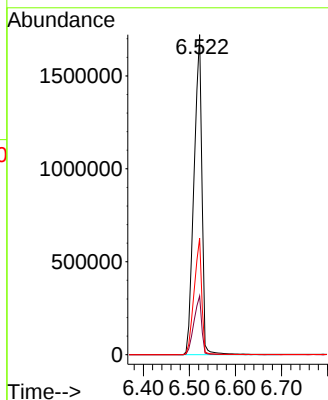
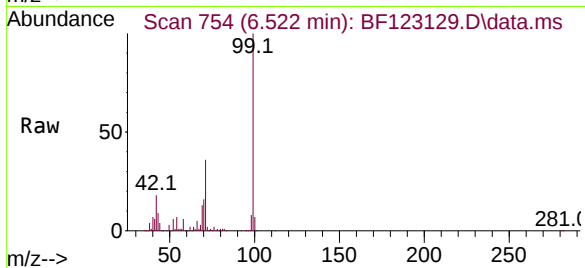


#7
Phenol-d6
Concen: 99.65 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Instrument :
BNA_F
ClientSampleId :
PB134458TB

Tgt Ion: 99 Resp: 2056427

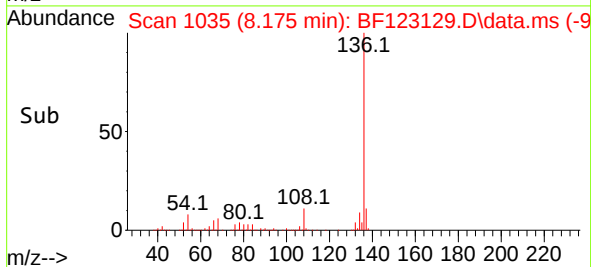
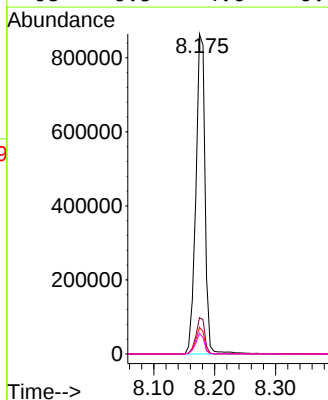
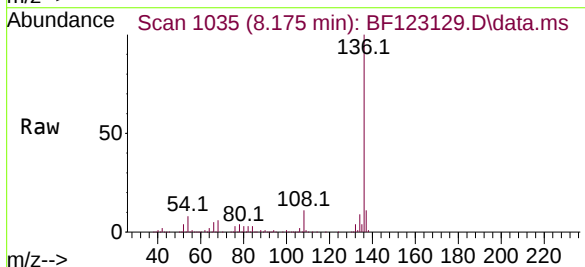
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	36.4	26.9	40.3

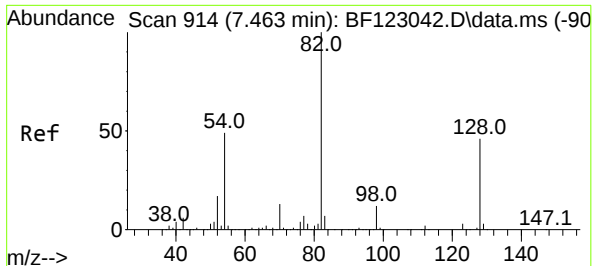


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion: 136 Resp: 908414

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.5	8.3#
68	6.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 73.66 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

Instrument :

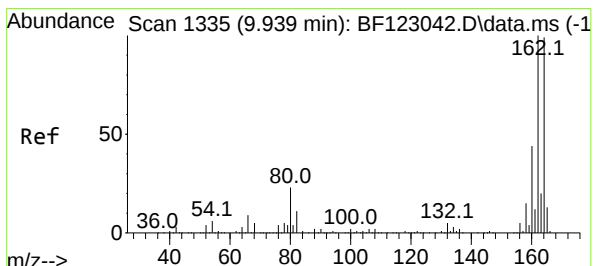
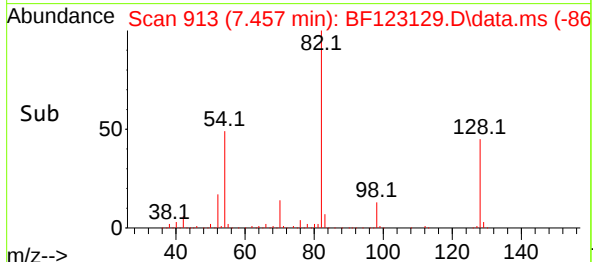
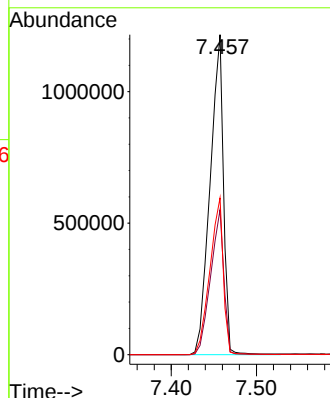
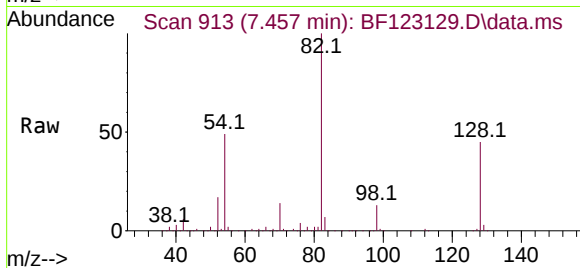
BNA_F

ClientSampleId :

PB134458TB

Tgt Ion: 82 Resp: 1329618

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	49.0	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

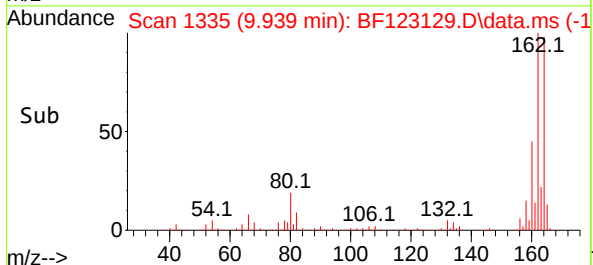
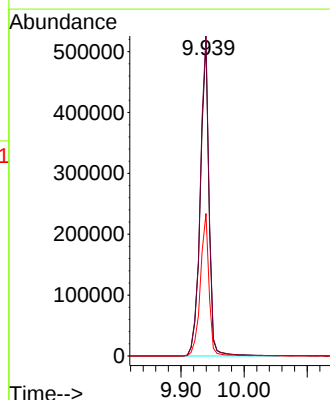
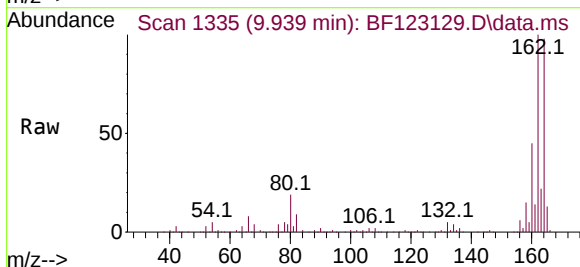
Delta R.T. 0.000 min

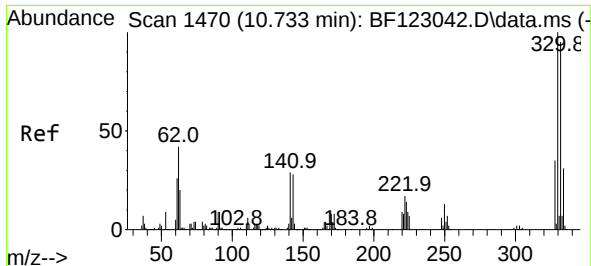
Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

Tgt Ion:164 Resp: 489326

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.8	121.2
160	45.4	35.4	53.0

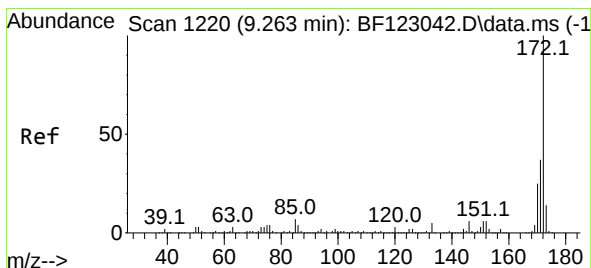
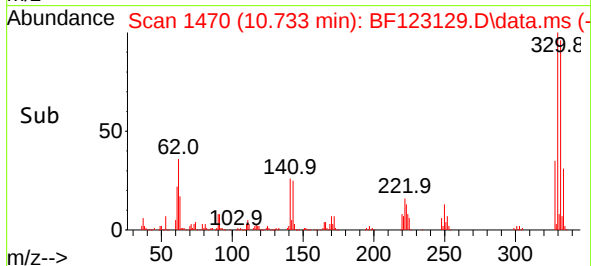
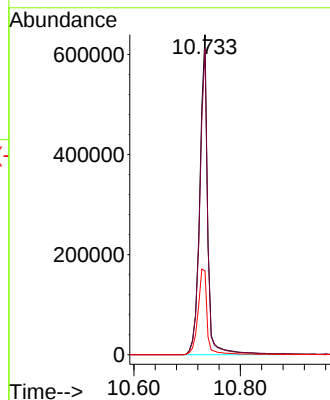
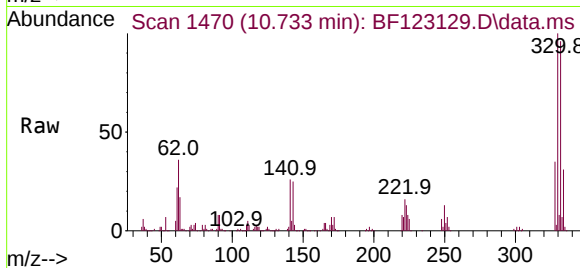




#42
2,4,6-Tribromophenol
Concen: 124.32 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

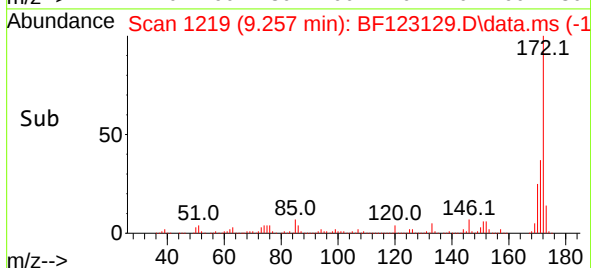
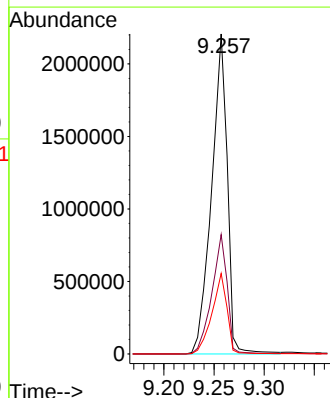
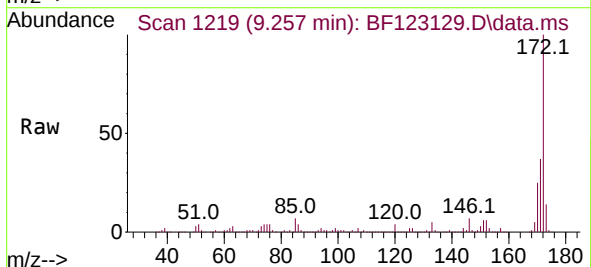
Instrument :
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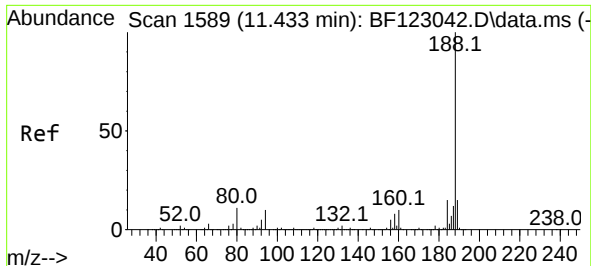
Tgt Ion: 330 Resp: 660373
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 30.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 73.07 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion: 172 Resp: 2405265
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.1 19.5 29.3

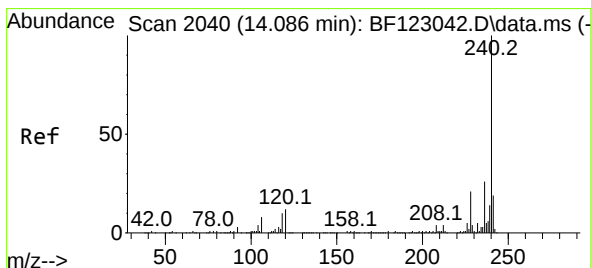
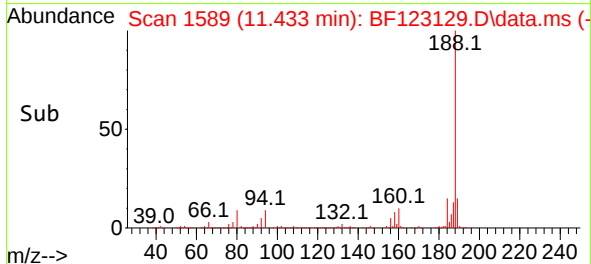
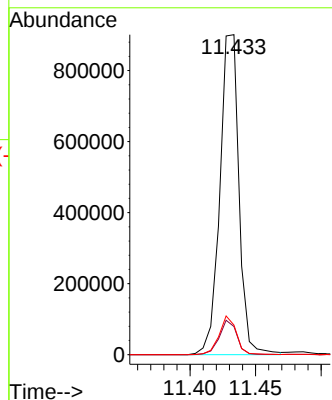
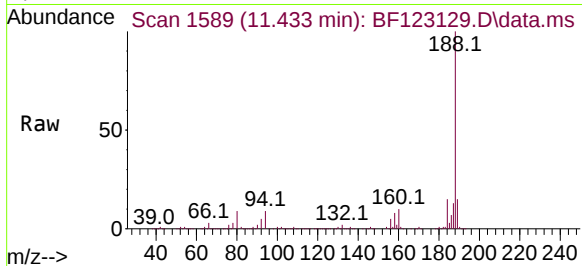




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

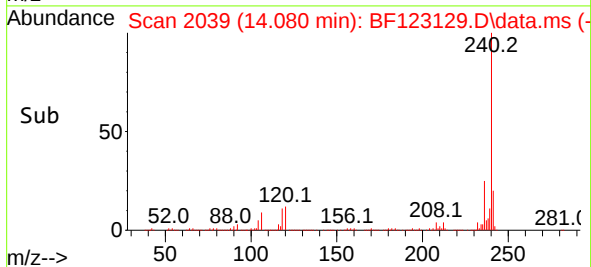
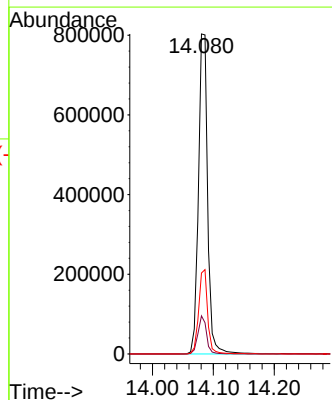
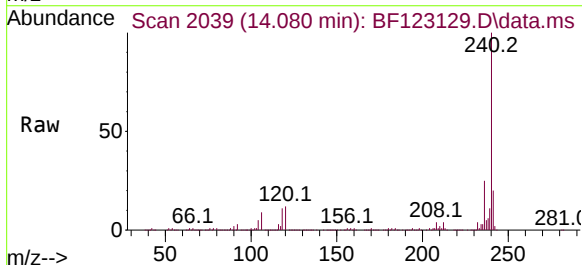
Instrument :
BNA_F
ClientSampleId :
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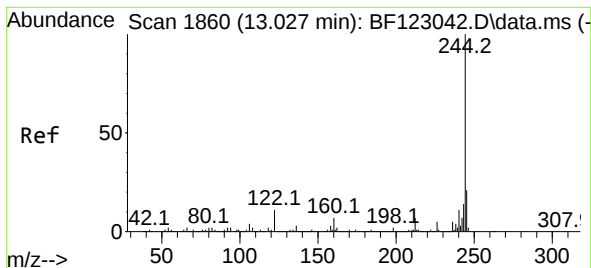
Tgt Ion:188 Resp: 914758
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:240 Resp: 846467
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 68.36 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

Instrument :

BNA_F

ClientSampleId :

PB134458TB

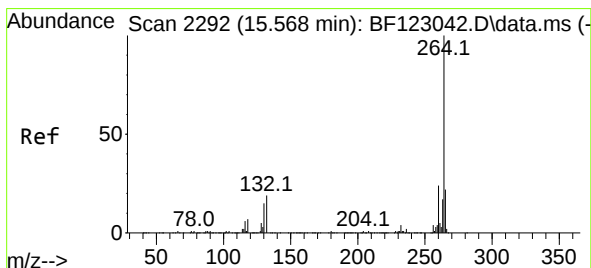
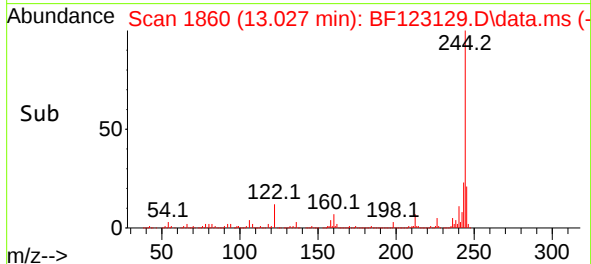
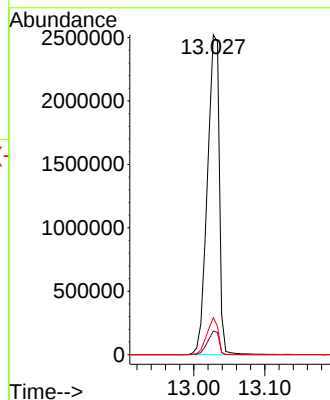
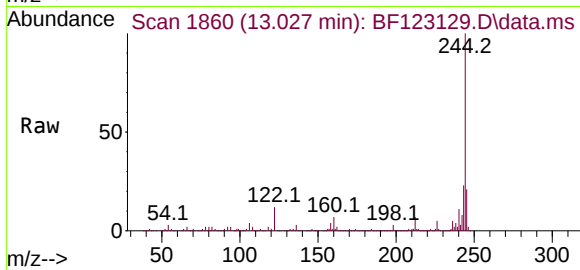
Tgt Ion:244 Resp: 2945401

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 11.6 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

Tgt Ion:264 Resp: 723423

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.8 17.0 25.6

