

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
 Data File : BF123766.D
 Acq On : 30 Apr 2021 9:23
 Operator : JU/CG
 Sample : PB136031BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136031BL

Quant Time: Apr 30 11:20:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 11:10:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	262966	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	970056	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	490741	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	921018	20.00	ng	0.00
76) Chrysene-d12	13.974	240	817209	20.00	ng	-0.01
86) Perylene-d12	15.433	264	698088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2037678	122.76	ng	0.01
7) Phenol-d6	6.445	99	2567707	112.30	ng	0.00
23) Nitrobenzene-d5	7.369	82	1857526	86.44	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	703312	115.12	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2753096	81.70	ng	0.00
79) Terphenyl-d14	12.927	244	3170409	74.71	ng	0.00

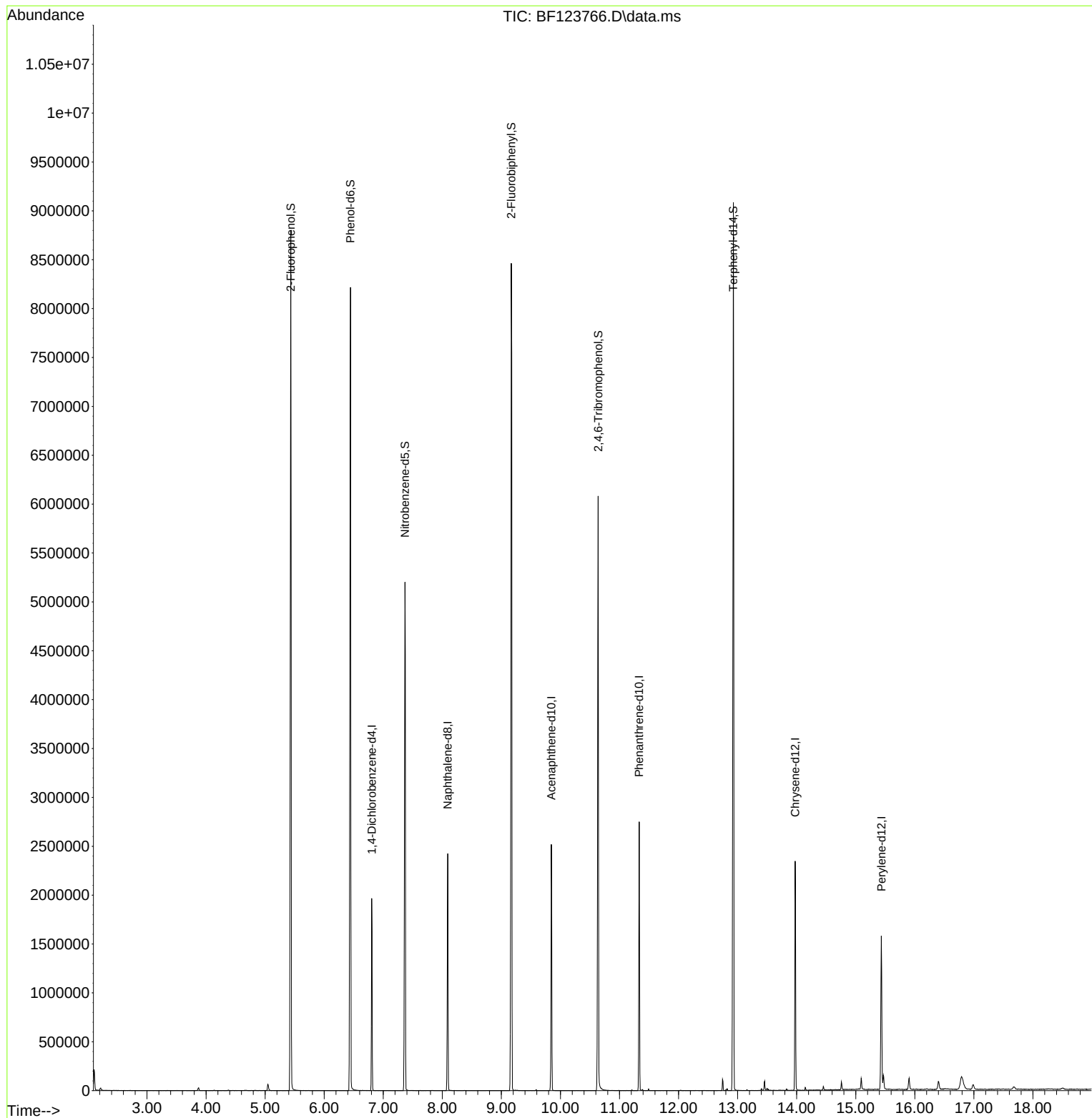
Target Compounds	Qvalue

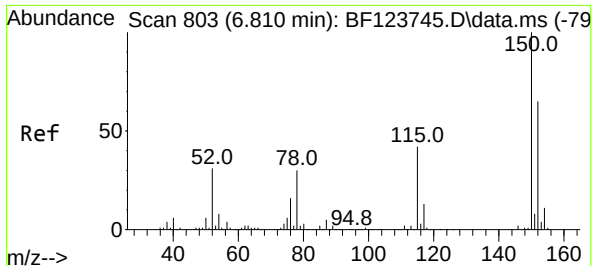
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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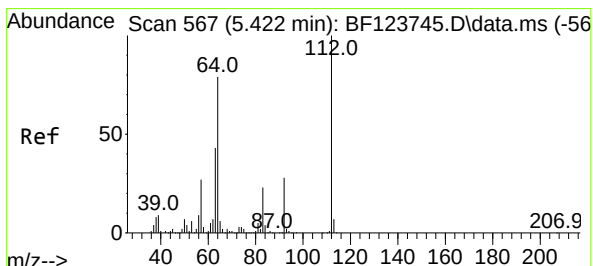
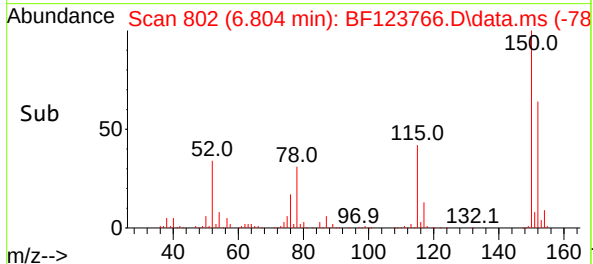
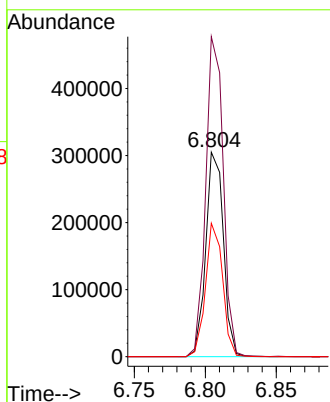
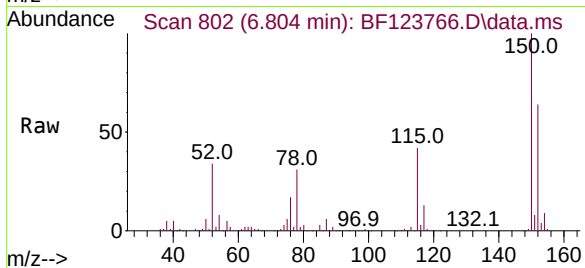




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

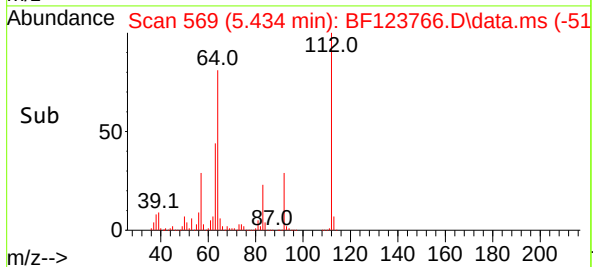
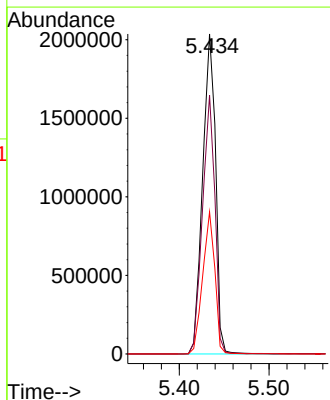
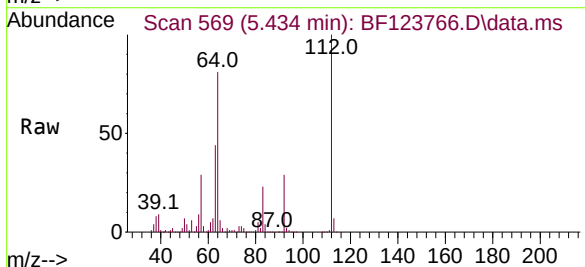
Instrument :
BNA_F
ClientSampleId :
PB136031BL

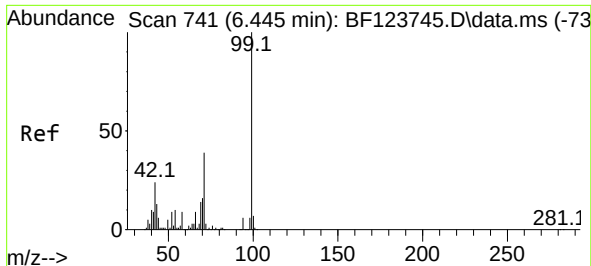
Tgt Ion:152 Resp: 262966
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 65.2 54.3 81.5



#5
2-Fluorophenol
Concen: 122.76 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:112 Resp: 2037678
Ion Ratio Lower Upper
112 100
64 80.9 61.4 92.0
63 44.4 33.0 49.4



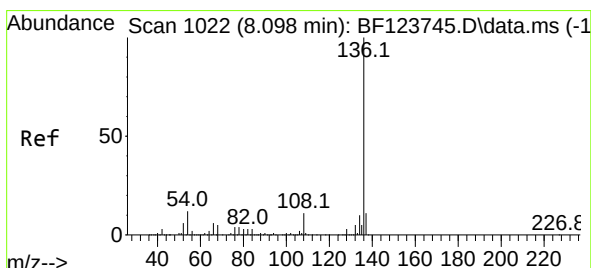
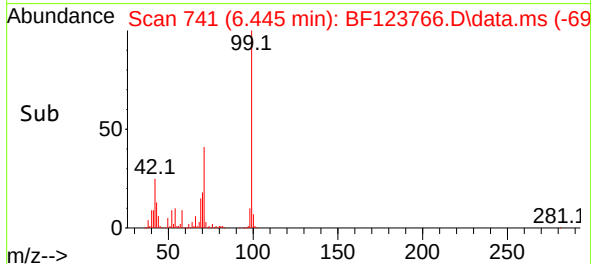
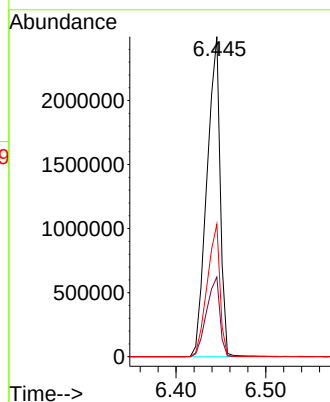
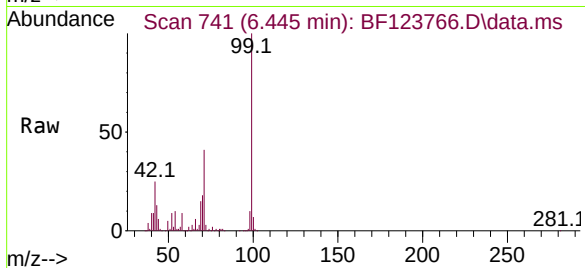


#7
Phenol-d6
Concen: 112.30 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Instrument :
BNA_F
ClientSampleId :
PB136031BL

Tgt Ion: 99 Resp: 2567707

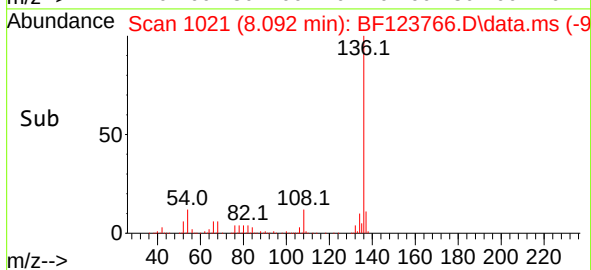
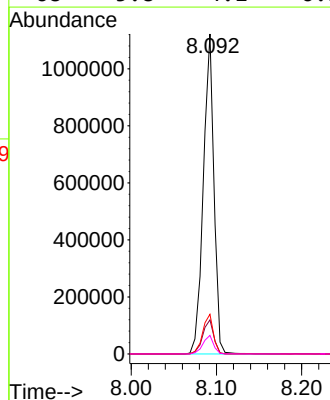
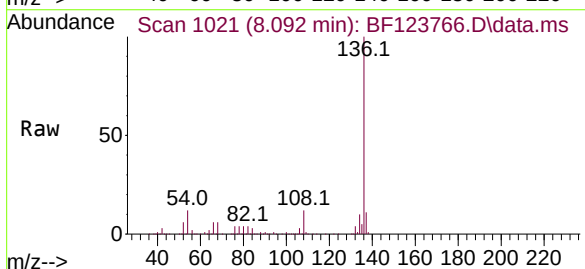
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.8	29.8
71	41.4	31.1	46.7

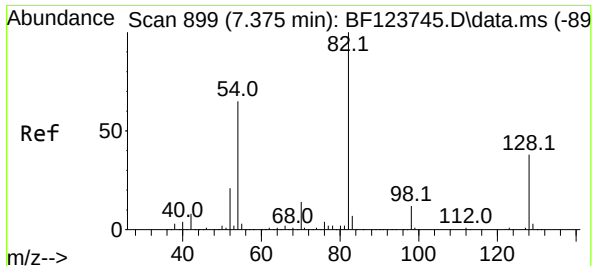


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion: 136 Resp: 970056

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.4	9.8	14.6
68	5.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 86.44 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF123766.D

Acq: 30 Apr 2021 9:23

Tgt Ion: 82 Resp: 1857526

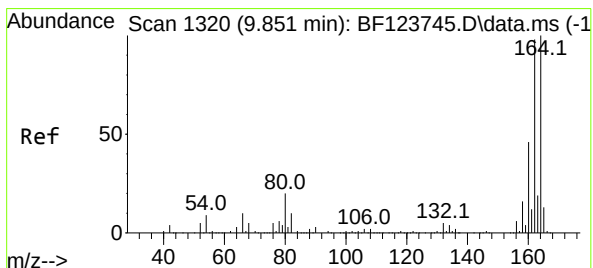
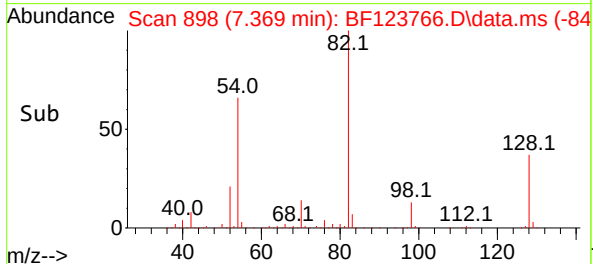
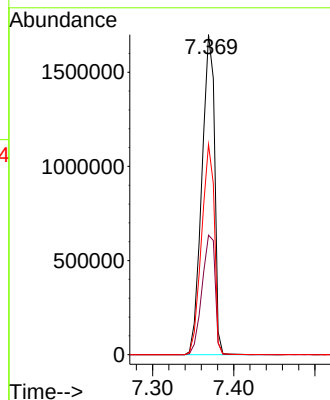
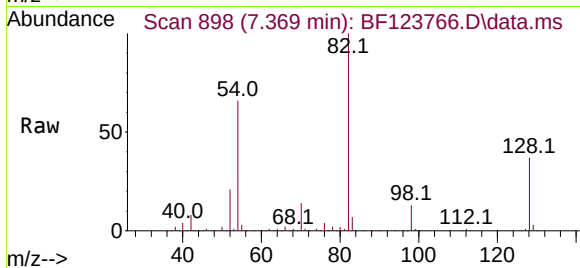
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.4	44.2
54	65.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

PB136031BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

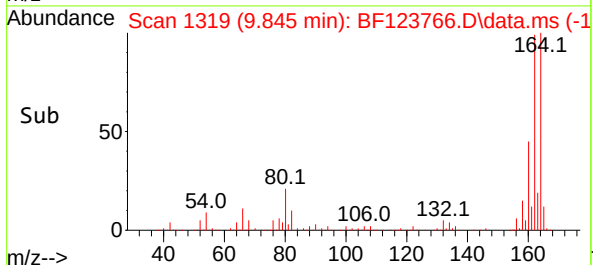
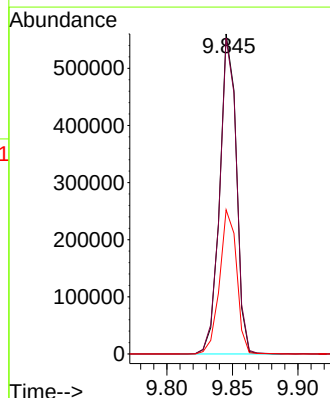
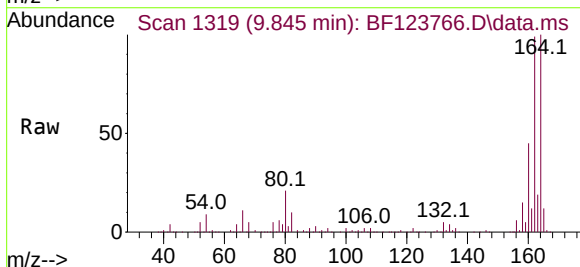
Delta R.T. -0.006 min

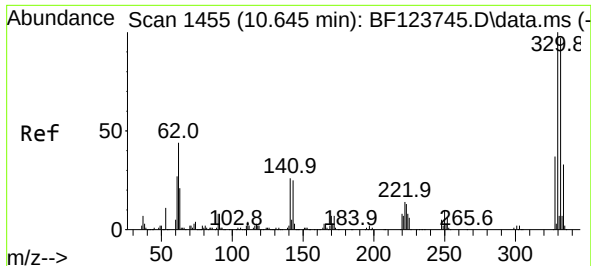
Lab File: BF123766.D

Acq: 30 Apr 2021 9:23

Tgt Ion: 164 Resp: 490741

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	45.0	37.3	55.9

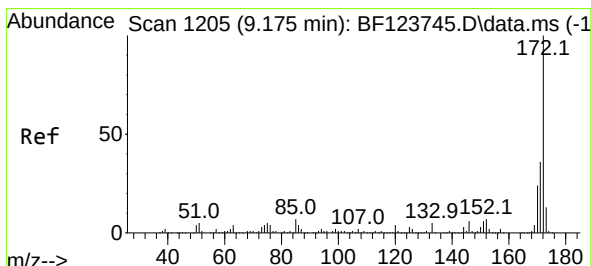
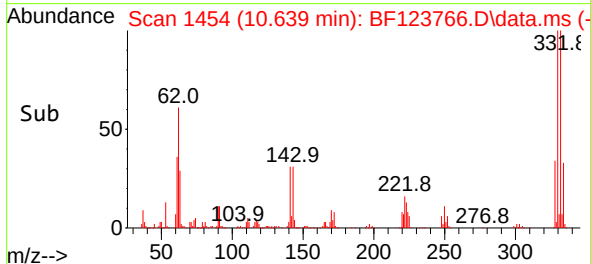
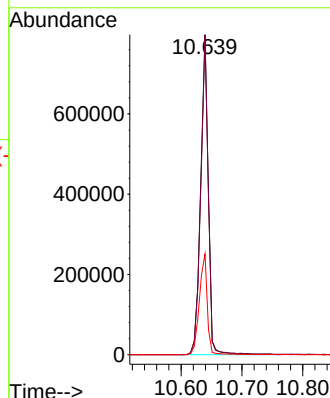
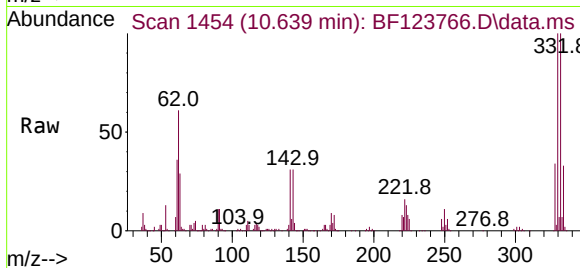




#42
2,4,6-Tribromophenol
Concen: 115.12 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

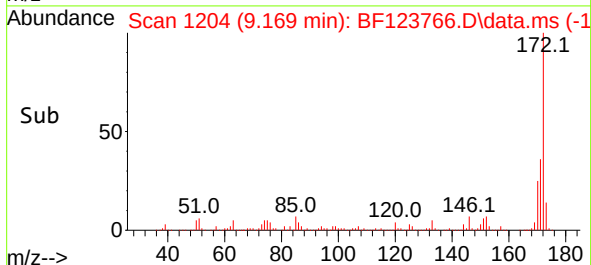
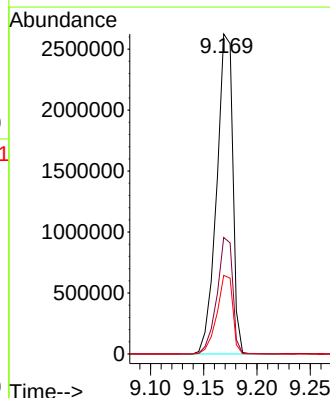
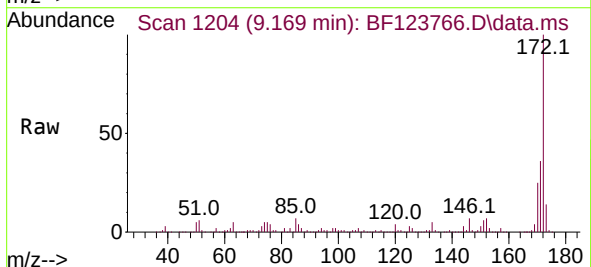
Instrument :
BNA_F
ClientSampleId :
PB136031BL

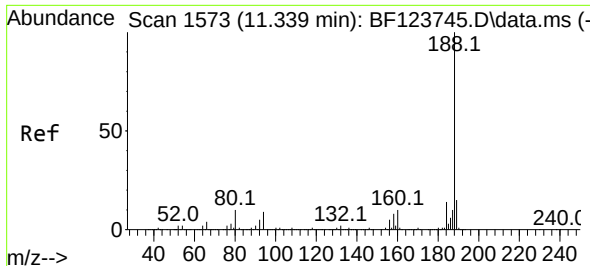
Tgt Ion: 330 Resp: 703312
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 32.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.70 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion: 172 Resp: 2753096
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.6 19.2 28.8

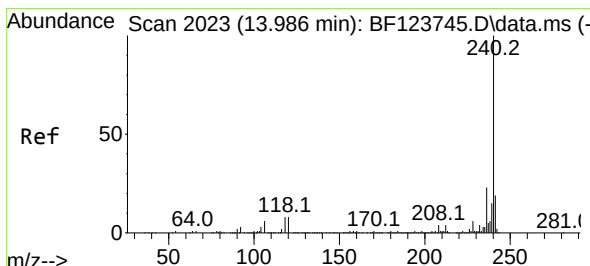
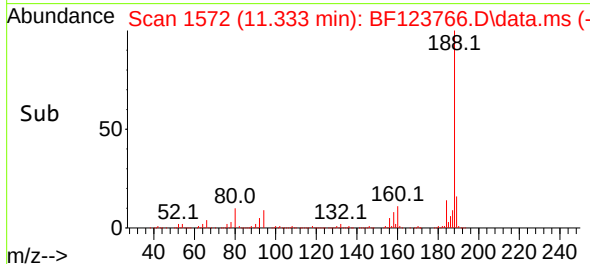
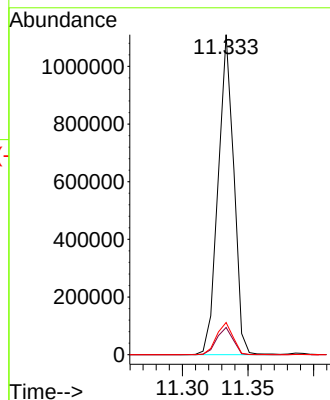
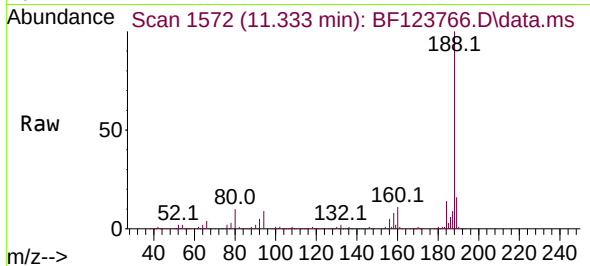




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

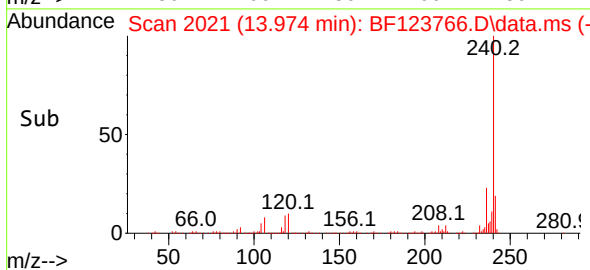
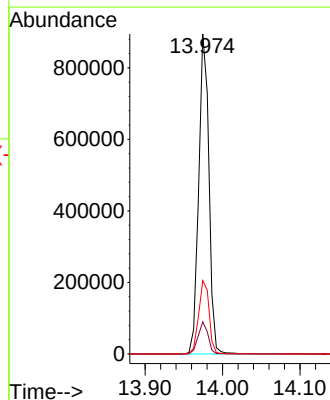
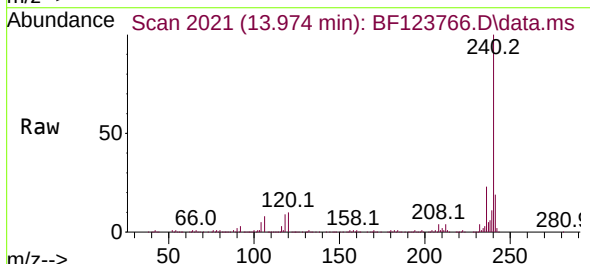
Instrument :
BNA_F
ClientSampleId :
PB136031BL

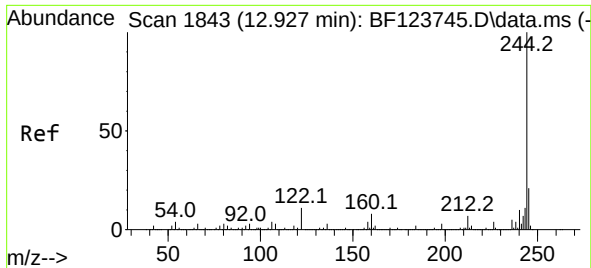
Tgt Ion:188 Resp: 921018
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:240 Resp: 817209
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 22.9 19.0 28.4

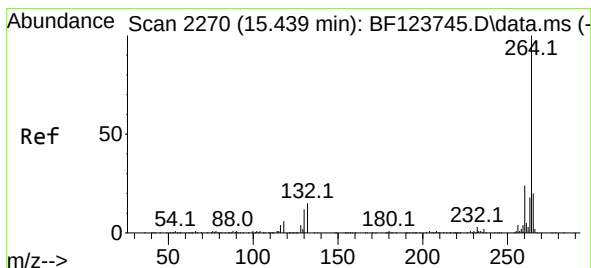
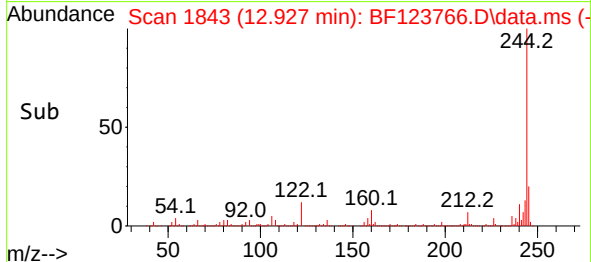
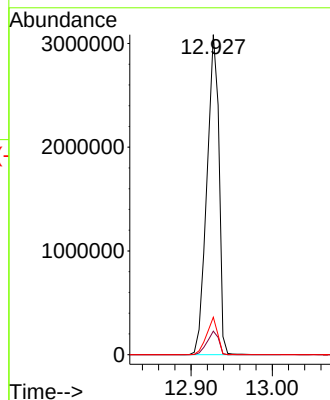
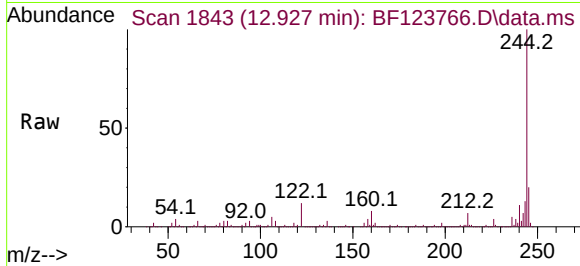




#79
 Terphenyl-d14
 Concen: 74.71 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123766.D
 Acq: 30 Apr 2021 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB136031BL

Tgt Ion:244 Resp: 3170409
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 11.7 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF123766.D
 Acq: 30 Apr 2021 9:23

Tgt Ion:264 Resp: 698088
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.7 17.8 26.8

