

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126424.D
 Acq On : 30 Dec 2021 17:40
 Operator : JU/CG
 Sample : PB141639TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141639TB

Quant Time: Dec 31 00:37:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	148206	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	632385	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	292906	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	482629	20.000	ng	0.00
76) Chrysene-d12	13.957	240	329073	20.000	ng	0.00
86) Perylene-d12	15.398	264	261365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1618899	156.865	ng	0.02
7) Phenol-d6	6.434	99	2082095	155.764	ng	0.00
23) Nitrobenzene-d5	7.363	82	1384182	112.388	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	419622	185.393	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1707454	102.581	ng	0.00
79) Terphenyl-d14	12.915	244	1710585	100.998	ng	0.01

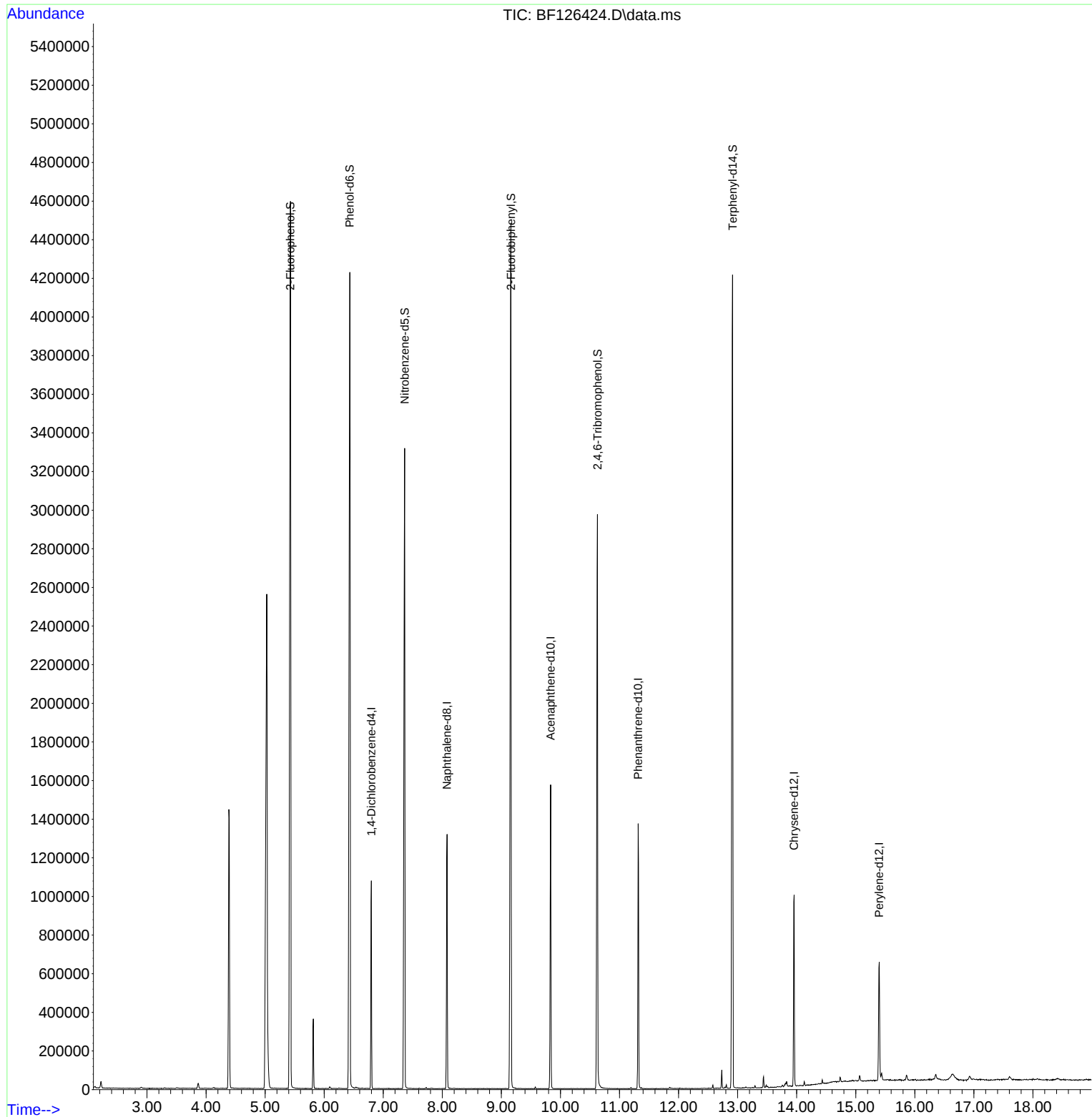
Target Compounds	Qvalue

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

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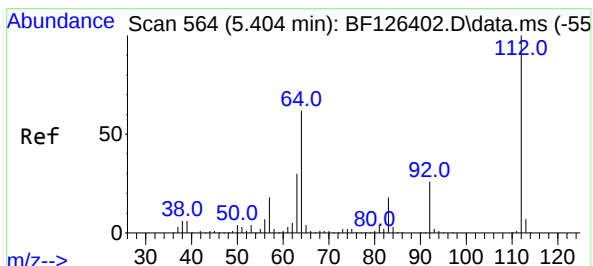
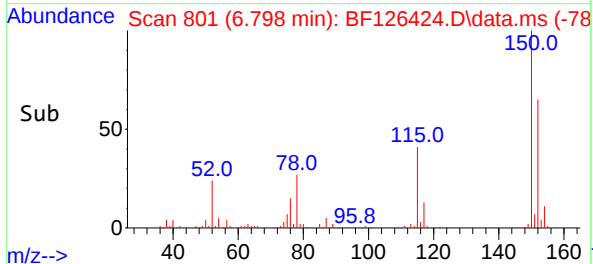
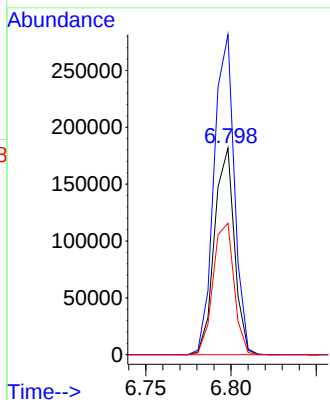
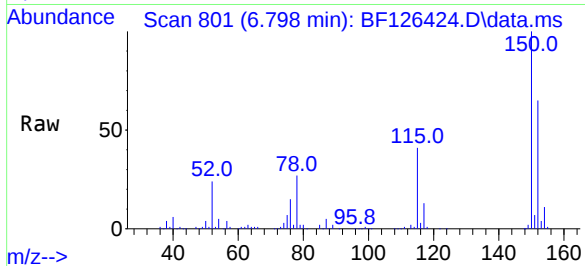




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

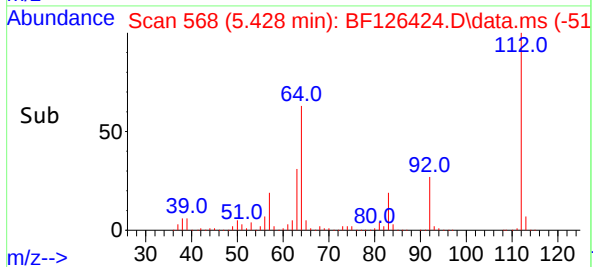
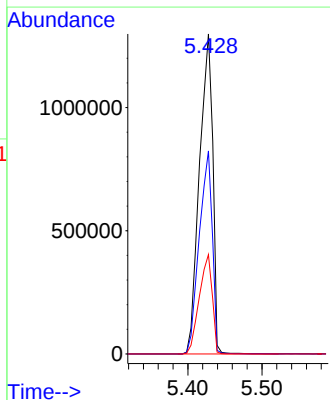
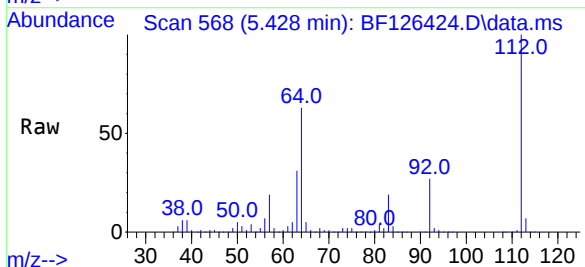
Instrument :
BNA_F
ClientSampleId :
PB141639TB

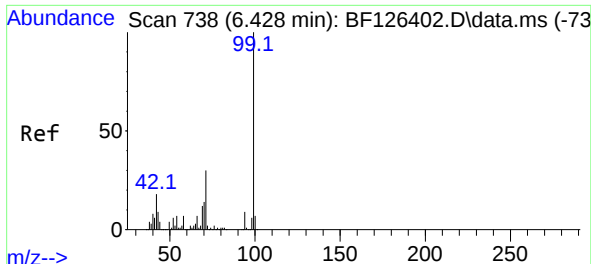
Tgt Ion:152 Resp: 148206
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 156.865 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.024 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion:112 Resp: 1618899
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 31.0 23.9 35.9



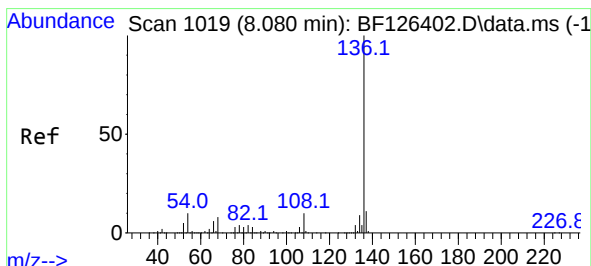
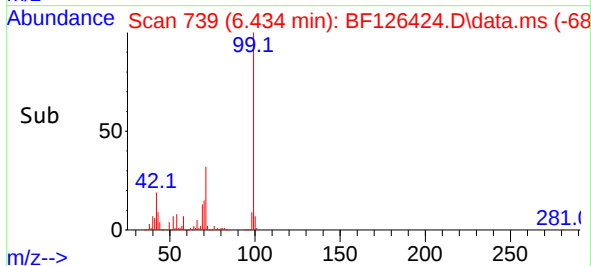
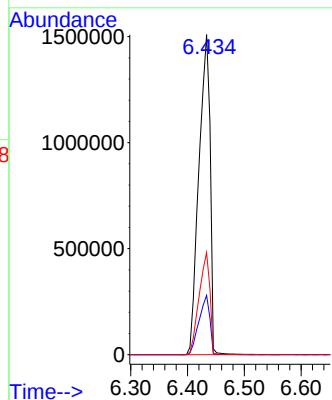
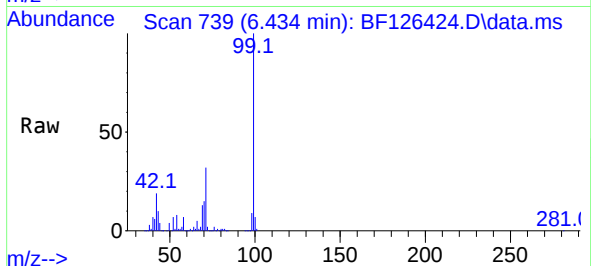


#7
Phenol-d6
Concen: 155.764 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Instrument :
BNA_F
ClientSampleId :
PB141639TB

Tgt Ion: 99 Resp: 2082095

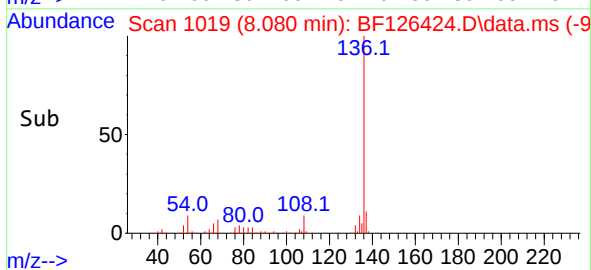
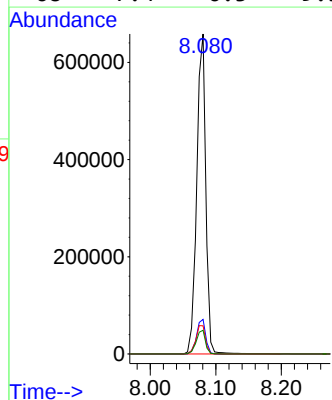
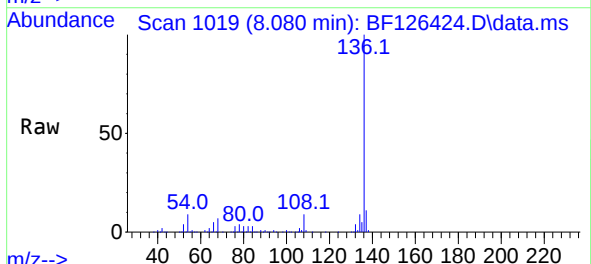
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.2	21.4
71	31.9	24.3	36.5

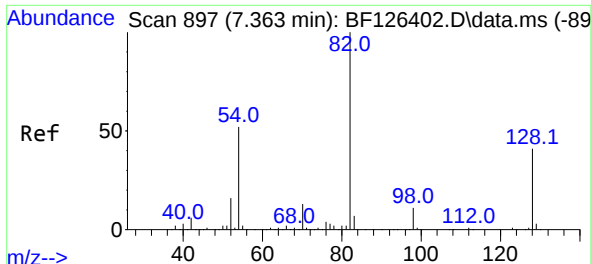


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion: 136 Resp: 632385

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.8	11.6
68	7.4	6.3	9.5



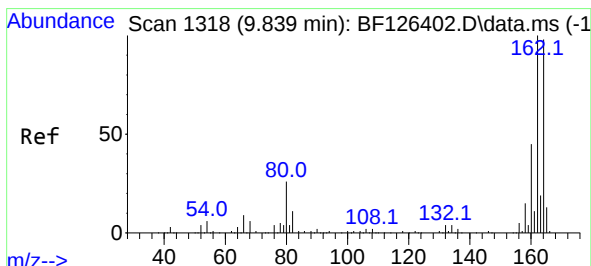
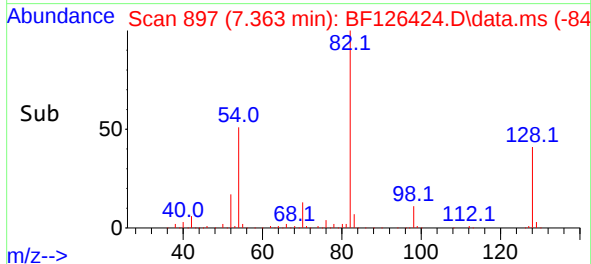
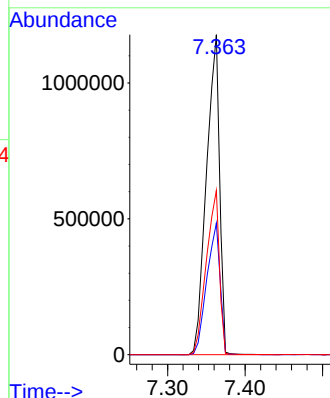
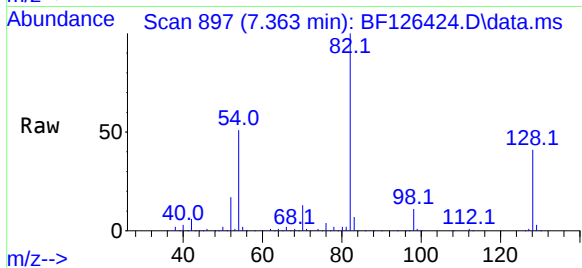


#23
 Nitrobenzene-d5
 Concen: 112.388 ng
 RT: 7.363 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BF126424.D
 Acq: 30 Dec 2021 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB141639TB

Tgt Ion: 82 Resp: 1384182

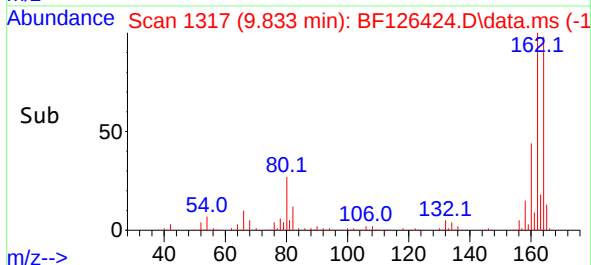
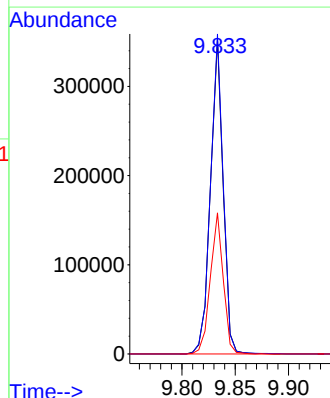
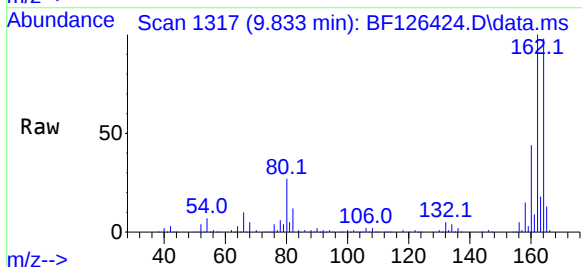
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.7	49.1
54	51.3	41.7	62.5

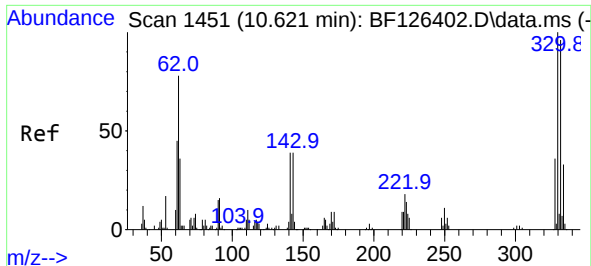


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: BF126424.D
 Acq: 30 Dec 2021 17:40

Tgt Ion:164 Resp: 292906

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	44.9	36.6	54.8

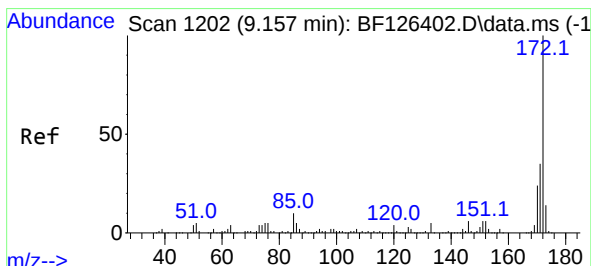
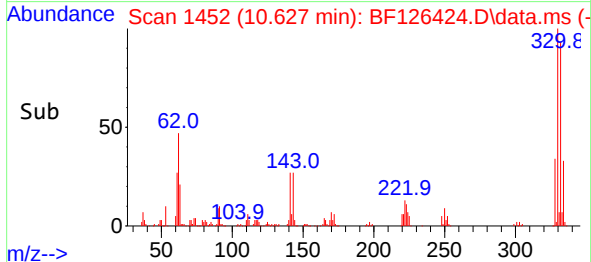
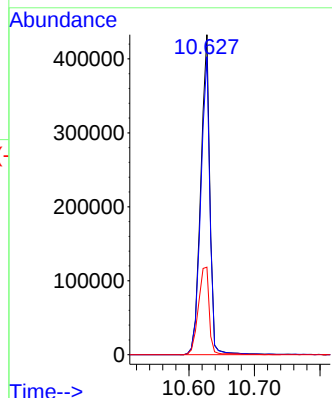
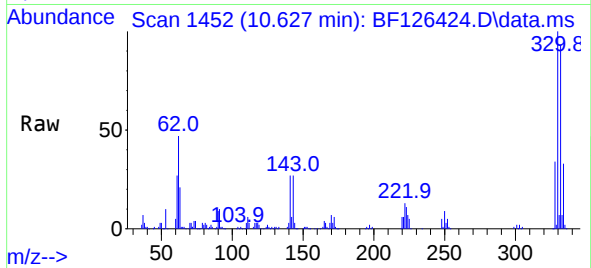




#42
2,4,6-Tribromophenol
Concen: 185.393 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

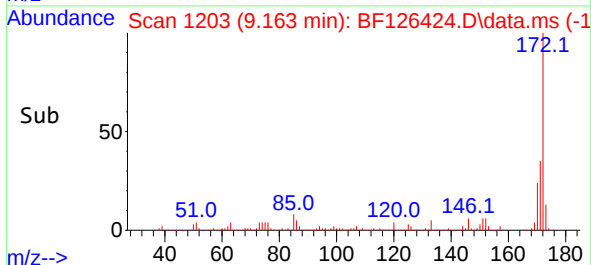
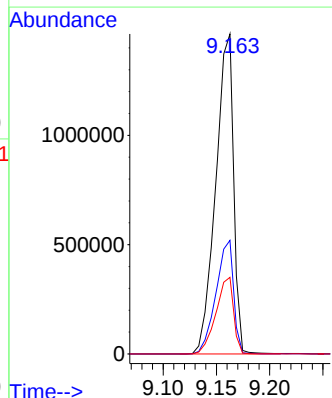
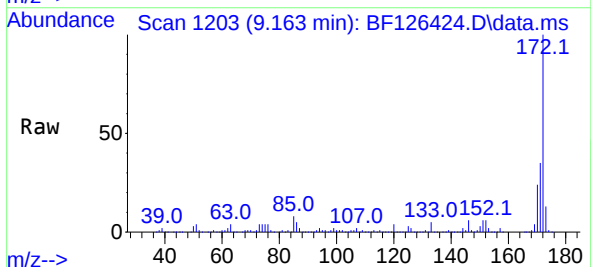
Instrument :
BNA_F
ClientSampleId :
PB141639TB

Tgt Ion:330 Resp: 419622
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 32.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 102.581 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion:172 Resp: 1707454
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.9 19.0 28.6

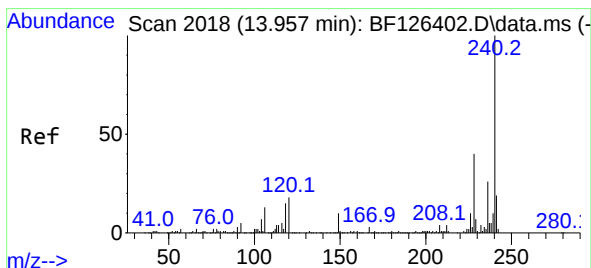
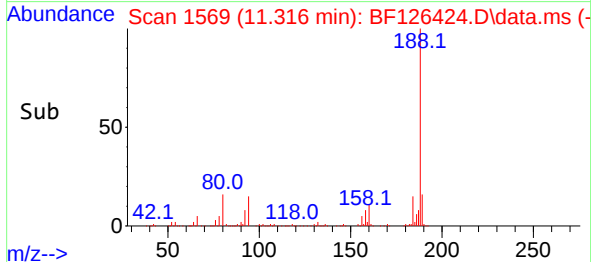
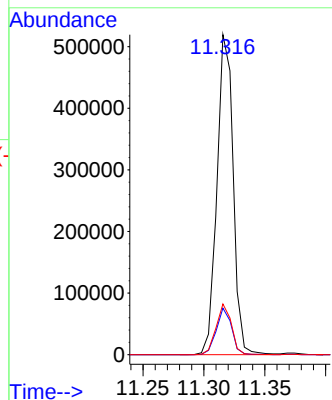
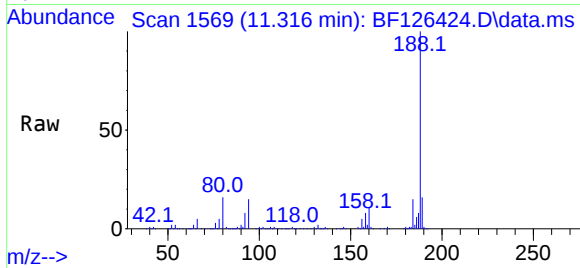




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

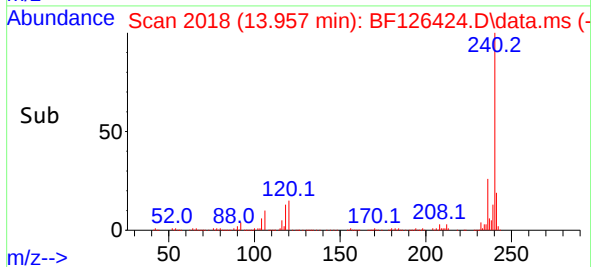
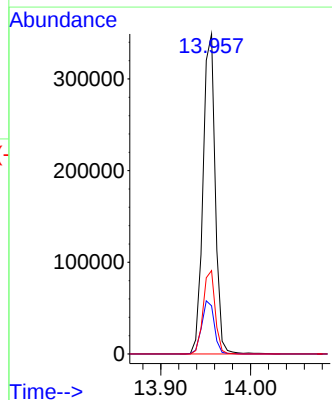
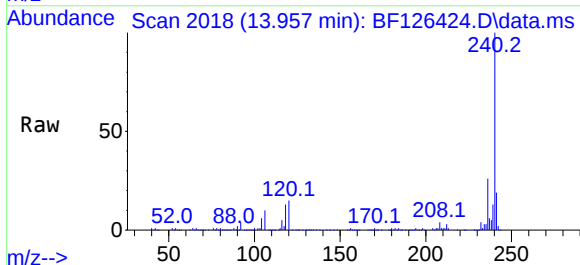
Instrument :
BNA_F
ClientSampleId :
PB141639TB

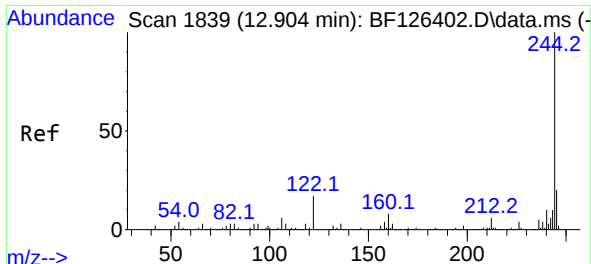
Tgt Ion:188 Resp: 482629
Ion Ratio Lower Upper
188 100
94 14.6 10.1 15.1
80 15.9 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion:240 Resp: 329073
Ion Ratio Lower Upper
240 100
120 15.0 14.4 21.6
236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 100.998 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.012 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

Instrument :

BNA_F

ClientSampleId :

PB141639TB

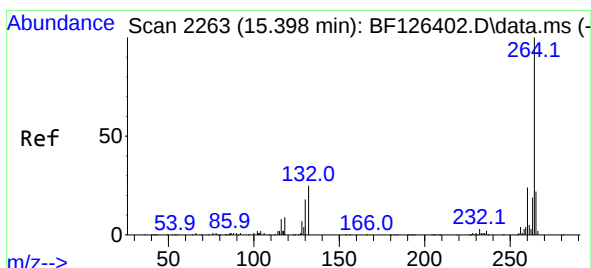
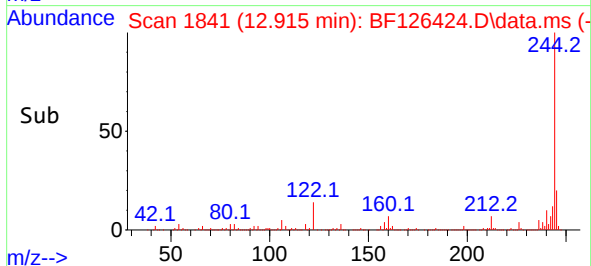
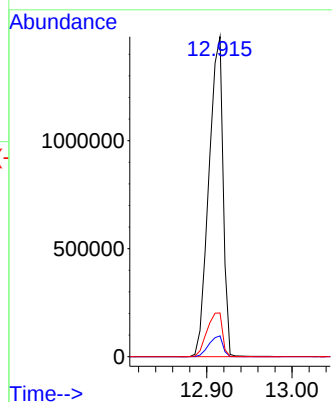
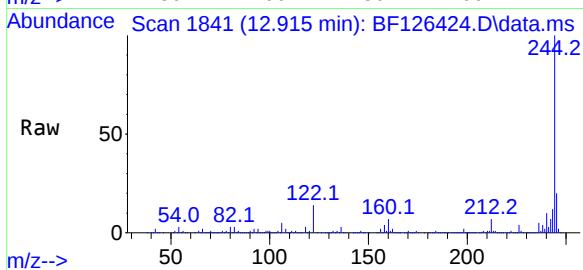
Tgt Ion:244 Resp: 1710585

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 13.6 13.3 19.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

Tgt Ion:264 Resp: 261365

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.3 17.4 26.2

