

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137496.D
 Acq On : 05 Mar 2024 12:53
 Operator : CG\JU
 Sample : PB159421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159421BL

Quant Time: Mar 05 13:38:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	250625	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	1028973	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	568979	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1042186	20.000	ng	0.00
76) Chrysene-d12	14.045	240	724025	20.000	ng	0.00
86) Perylene-d12	15.574	264	559440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2014744	121.752	ng	0.01
7) Phenol-d6	6.504	99	2765244	115.766	ng	0.00
23) Nitrobenzene-d5	7.422	82	1828238	82.556	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	623330	124.750	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2827104	77.779	ng	0.00
79) Terphenyl-d14	12.992	244	3590062	68.184	ng	0.00

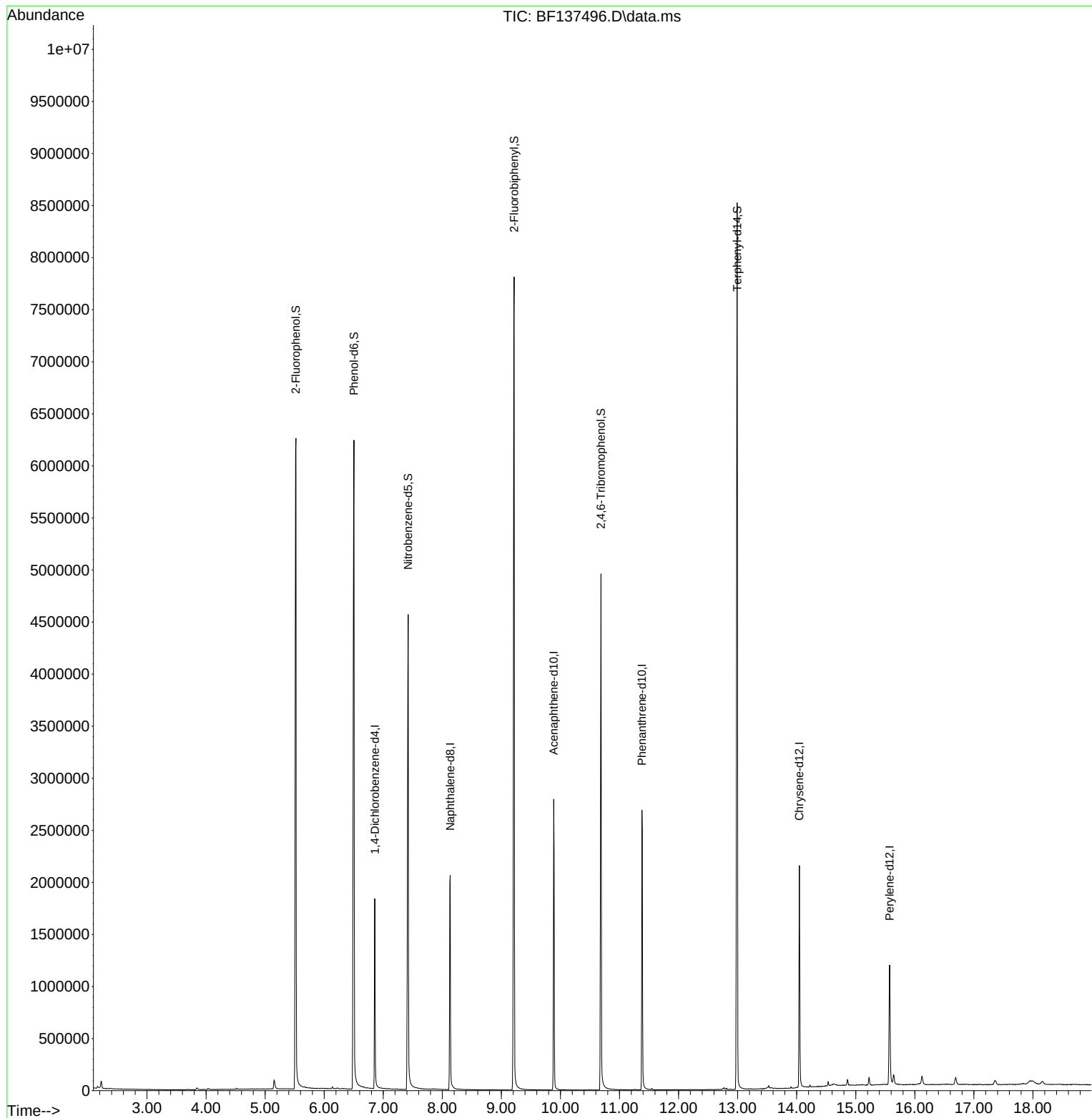
Target Compounds	Qvalue

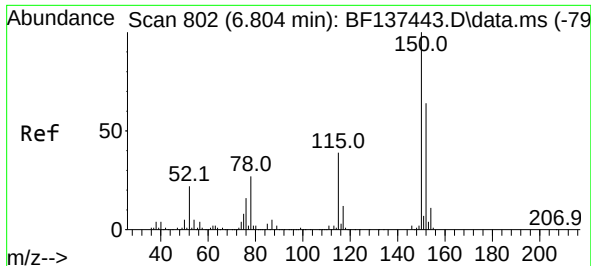
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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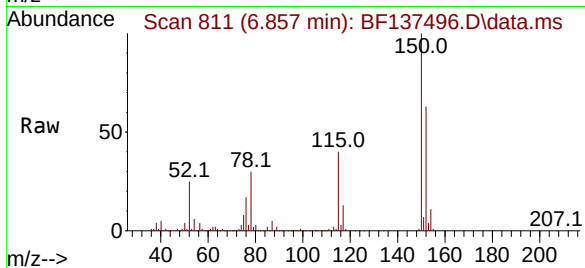
Quant Time: Mar 05 13:38:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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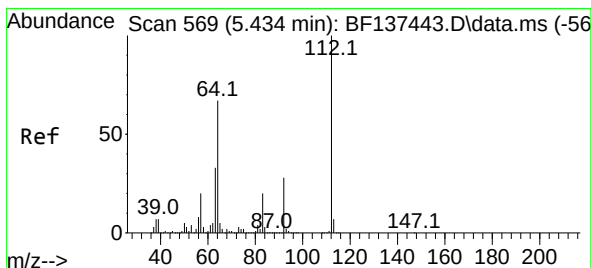
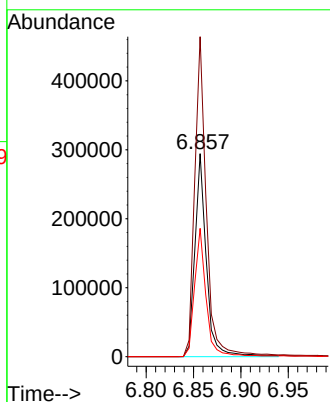
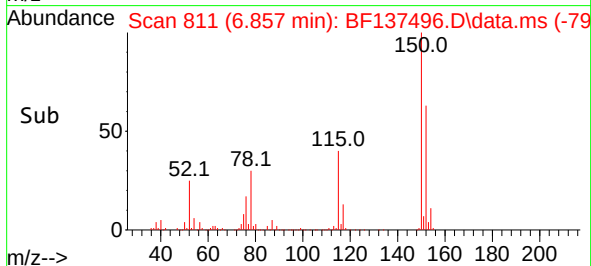


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

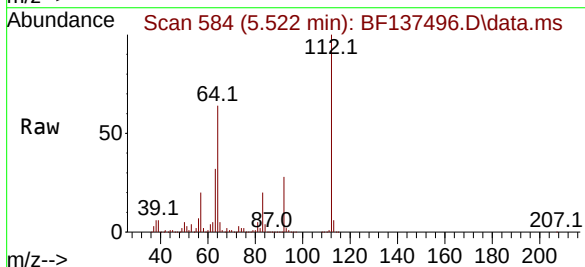
Instrument :
BNA_F
ClientSampleId :
PB159421BL



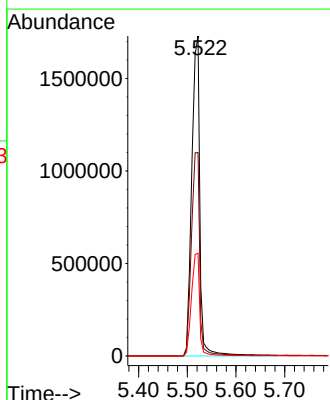
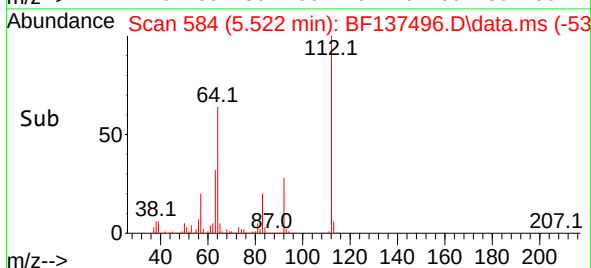
Tgt Ion:152 Resp: 250625
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 63.2 48.8 73.2

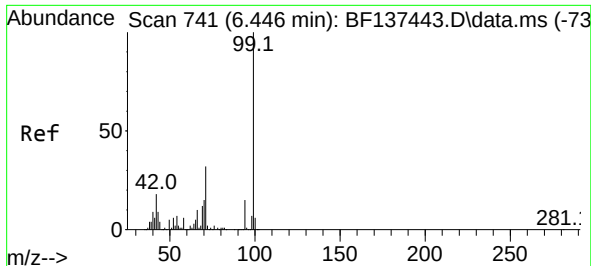


#5
2-Fluorophenol
Concen: 121.752 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53



Tgt Ion:112 Resp: 2014744
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 32.1 26.2 39.2



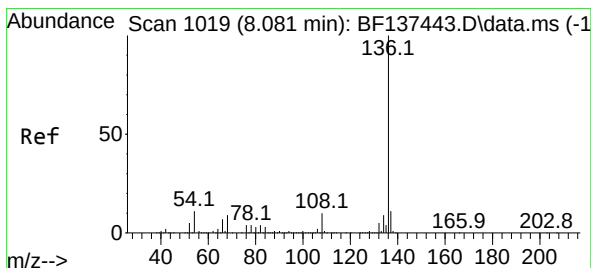
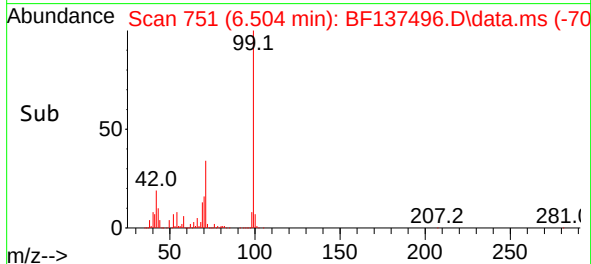
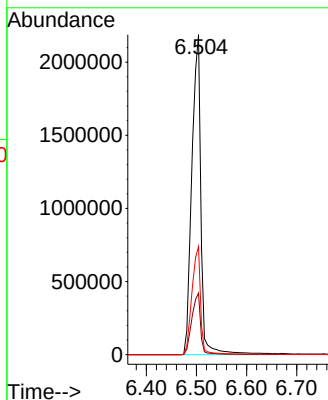
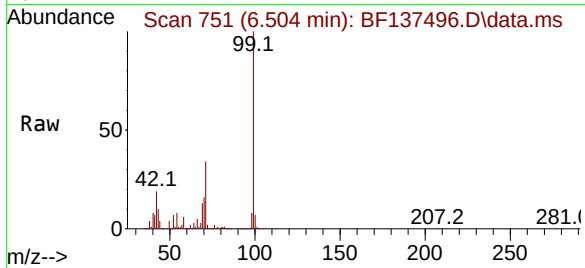


#7
Phenol-d6
Concen: 115.766 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB159421BL

Tgt Ion: 99 Resp: 2765244

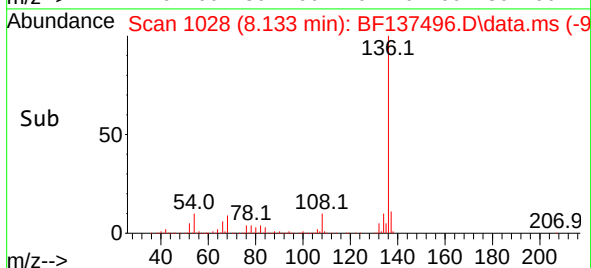
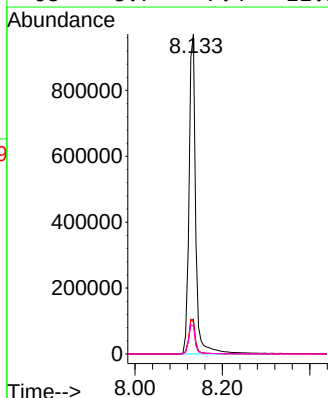
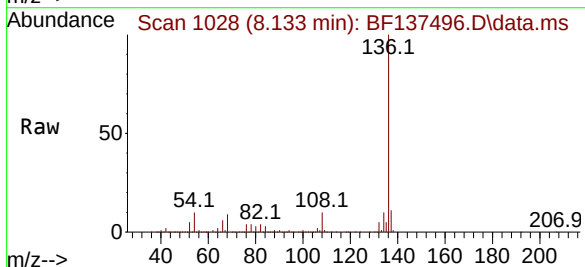
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.6	21.8
71	33.8	25.3	37.9

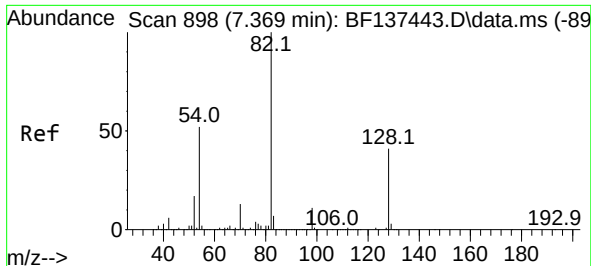


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion: 136 Resp: 1028973

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.0	8.5	12.7
68	8.7	7.4	11.2





#23

Nitrobenzene-d5

Concen: 82.556 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB159421BL

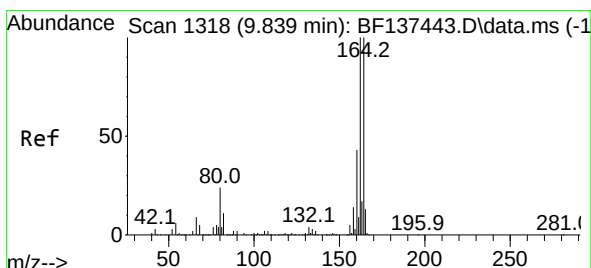
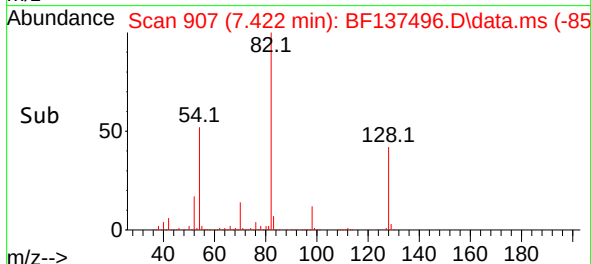
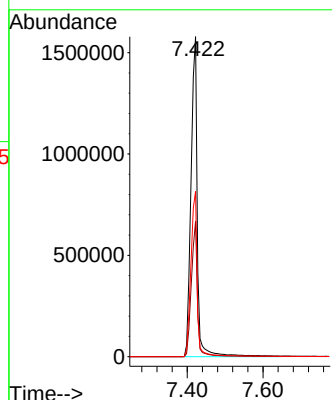
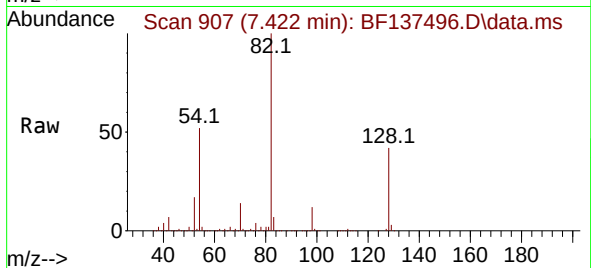
Tgt Ion: 82 Resp: 1828238

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 51.7 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

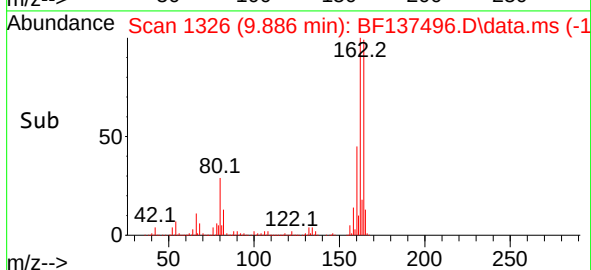
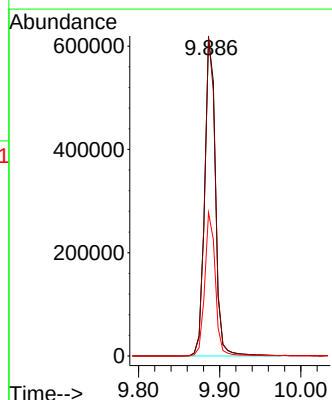
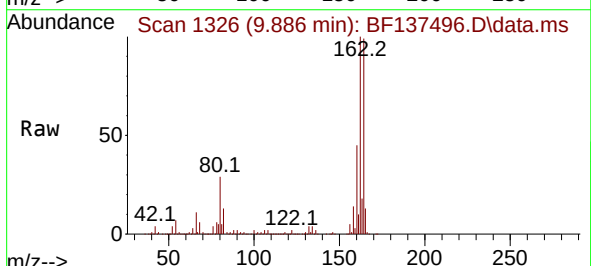
Tgt Ion:164 Resp: 568979

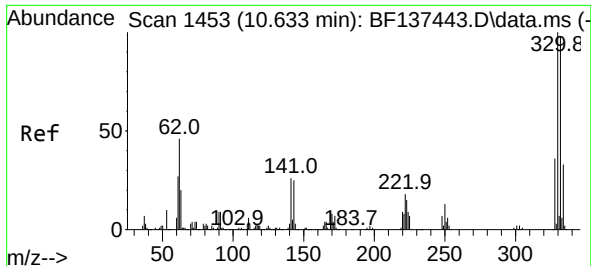
Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 45.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 124.750 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB159421BL

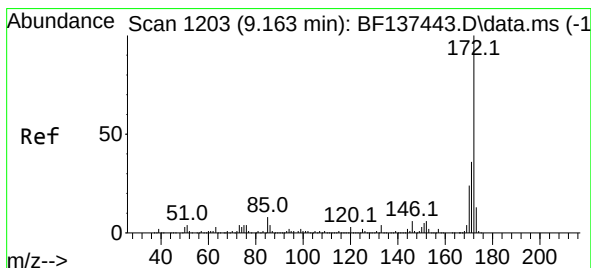
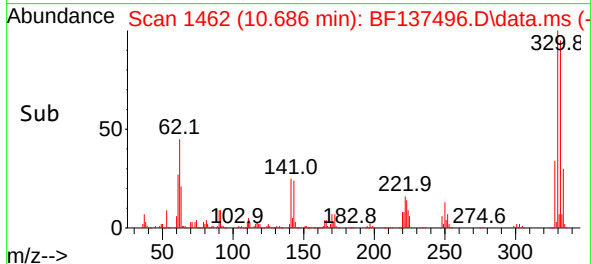
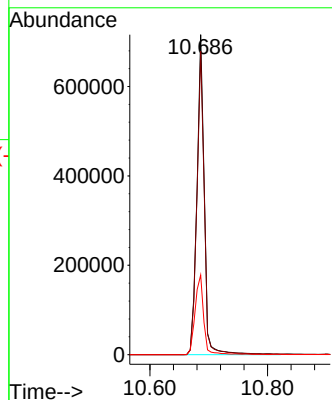
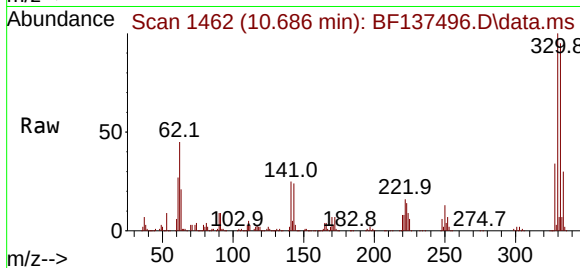
Tgt Ion:330 Resp: 623330

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 29.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.779 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF137496.D

Acq: 05 Mar 2024 12:53

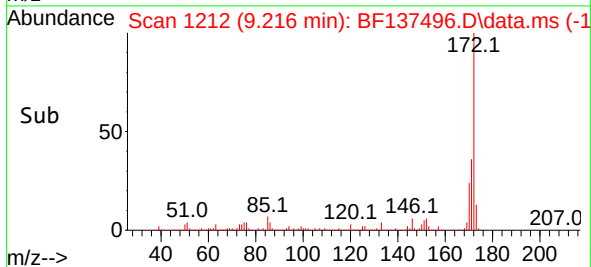
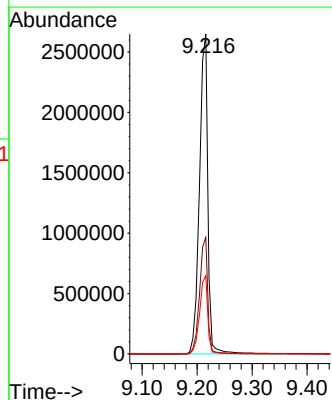
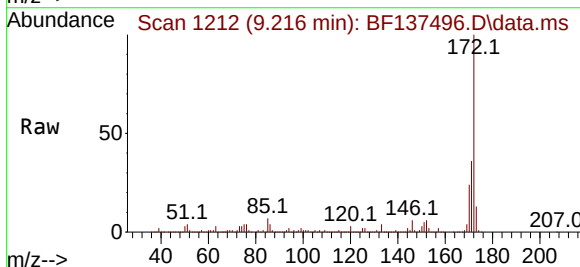
Tgt Ion:172 Resp: 2827104

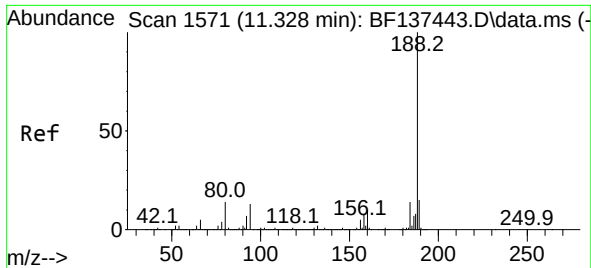
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.5 19.0 28.6

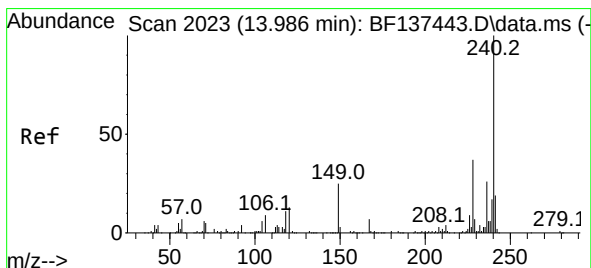
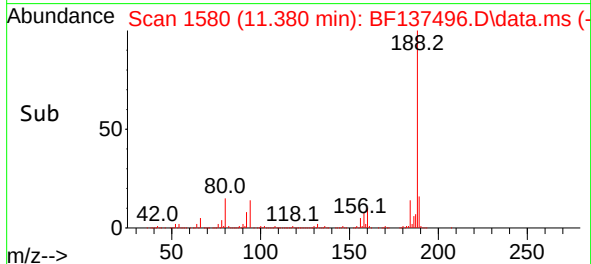
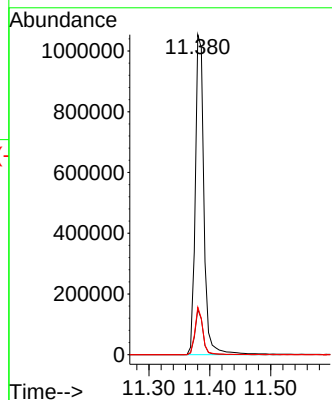
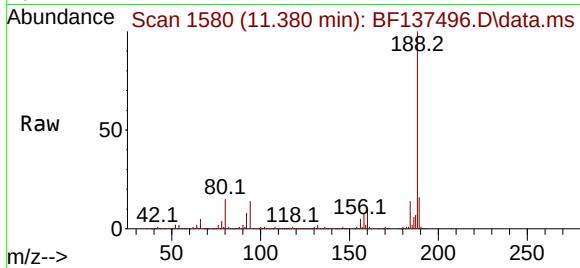




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

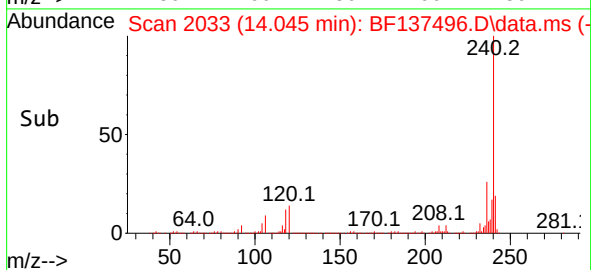
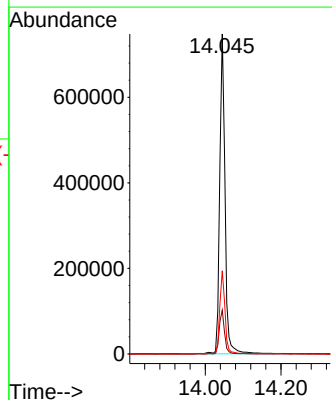
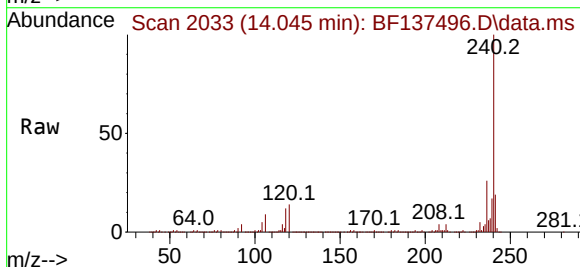
Instrument :
BNA_F
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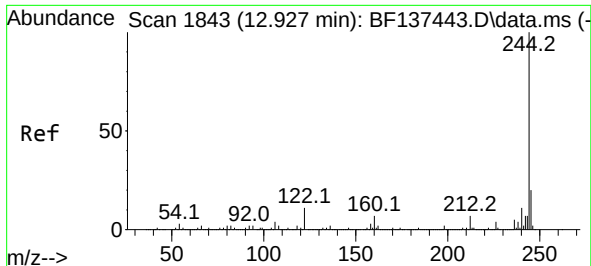
Tgt Ion:188 Resp: 1042186
Ion Ratio Lower Upper
188 100
94 14.1 10.6 15.8
80 14.9 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

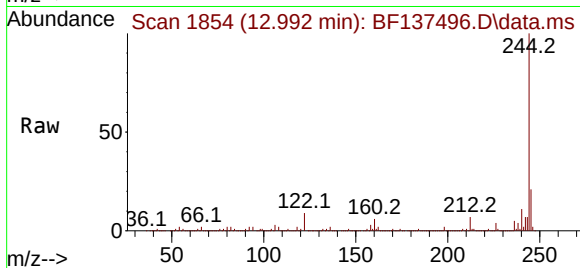
Tgt Ion:240 Resp: 724025
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 26.0 20.9 31.3



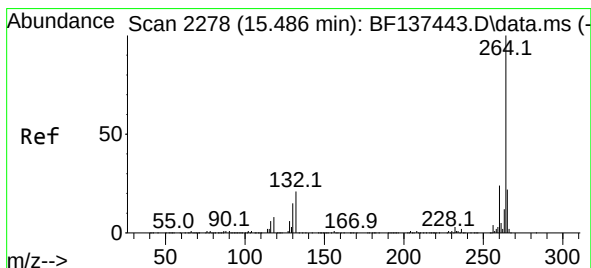
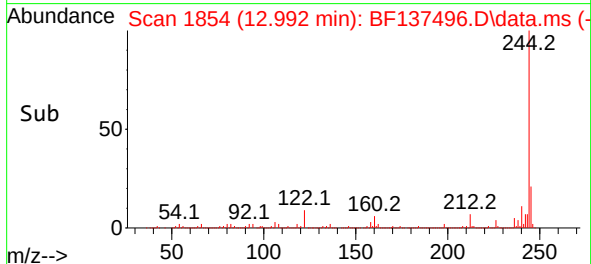
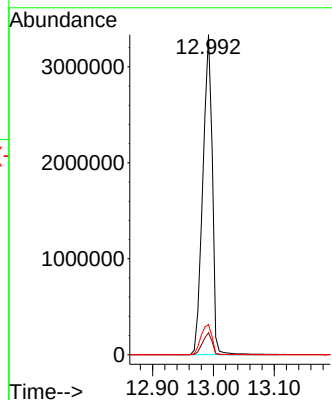


#79
Terphenyl-d14
Concen: 68.184 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB159421BL



Tgt Ion:244 Resp: 3590062
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.4 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF137496.D
Acq: 05 Mar 2024 12:53

Tgt Ion:264 Resp: 559440
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.5 17.4 26.0

