

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137498.D
 Acq On : 05 Mar 2024 13:54
 Operator : CG\JU
 Sample : PB159401TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159401TB

Quant Time: Mar 05 14:24:57 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	223132	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	904562	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	516633	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	915837	20.000	ng	0.00
76) Chrysene-d12	14.045	240	621512	20.000	ng	0.00
86) Perylene-d12	15.580	264	472101	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	735354	49.913	ng	0.00
7) Phenol-d6	6.498	99	1769054	83.186	ng	0.00
23) Nitrobenzene-d5	7.422	82	1169069	60.051	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	811799	178.931	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2647434	80.215	ng	0.00
79) Terphenyl-d14	12.998	244	4027675	89.113	ng	0.00

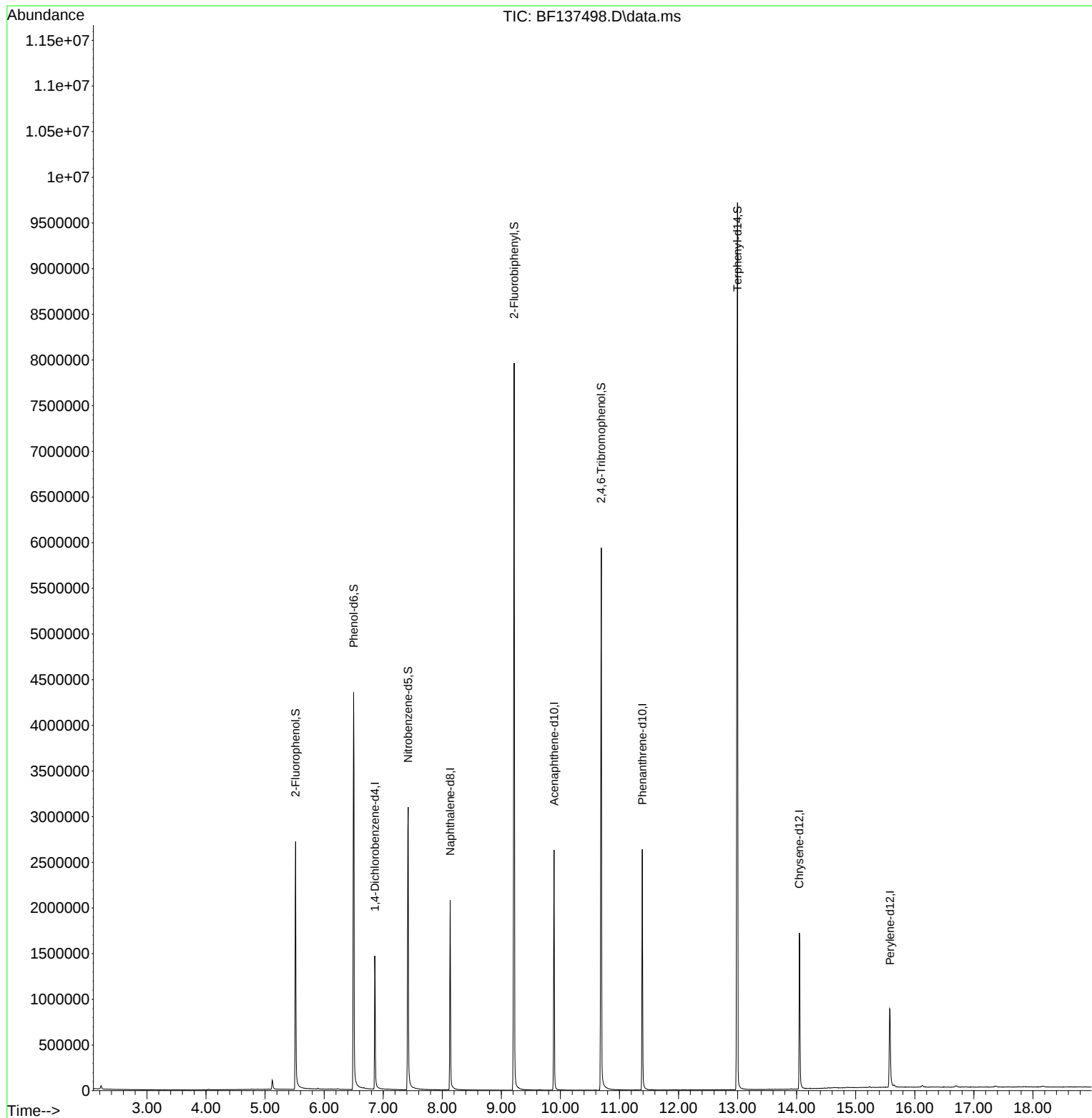
Target Compounds	Qvalue

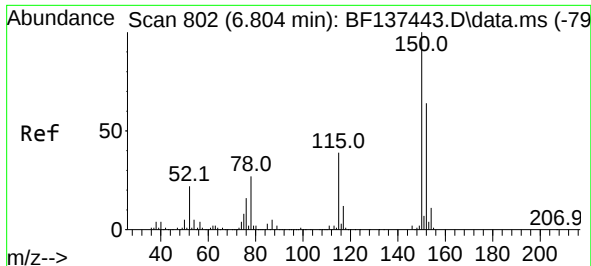
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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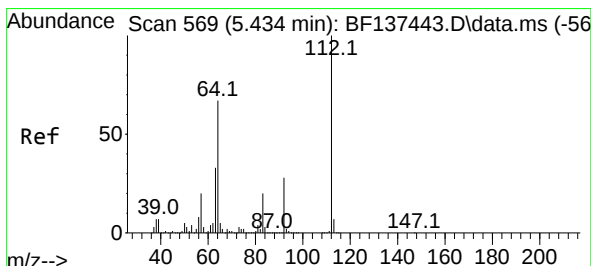
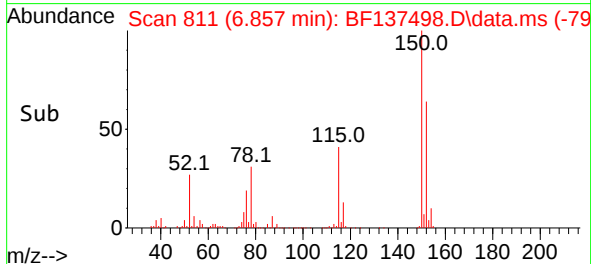
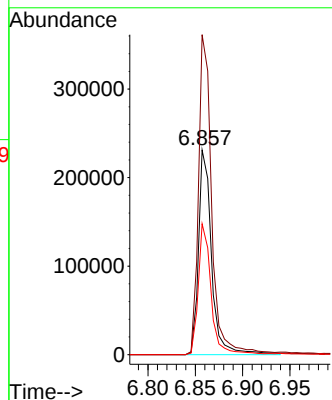
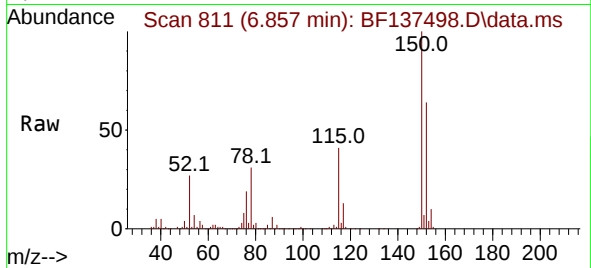




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

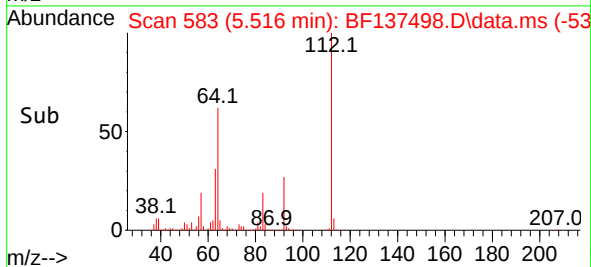
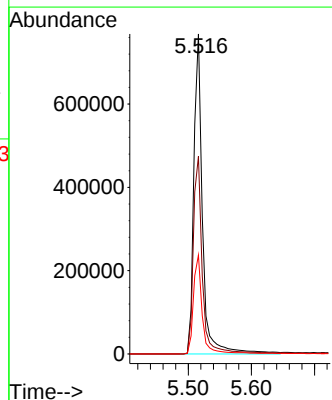
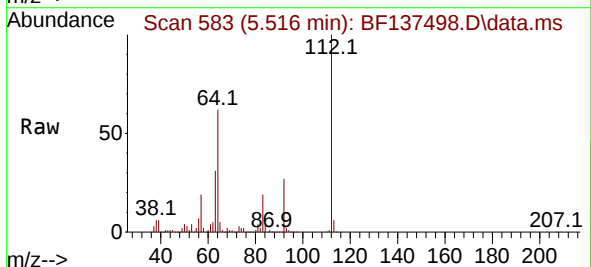
Instrument :
BNA_F
ClientSampleId :
PB159401TB

Tgt Ion:152 Resp: 223132
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 63.9 48.8 73.2



#5
2-Fluorophenol
Concen: 49.913 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

Tgt Ion:112 Resp: 735354
Ion Ratio Lower Upper
112 100
64 61.8 53.4 80.2
63 30.9 26.2 39.2





#7
Phenol-d6
Concen: 83.186 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

Instrument :

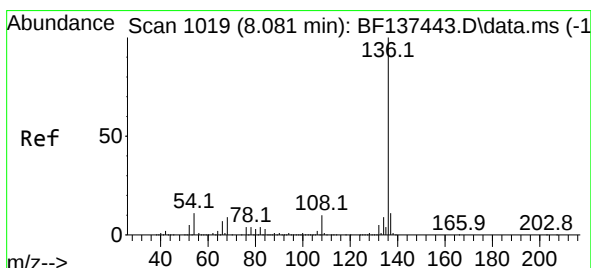
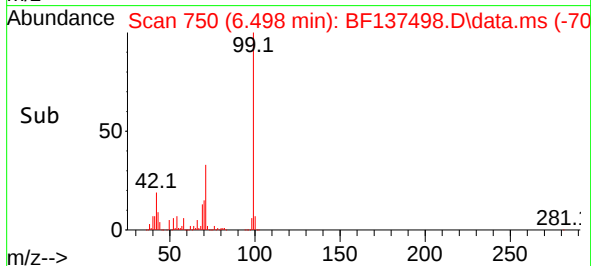
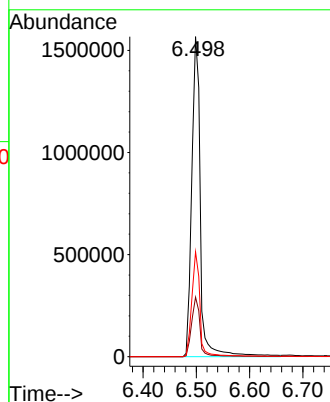
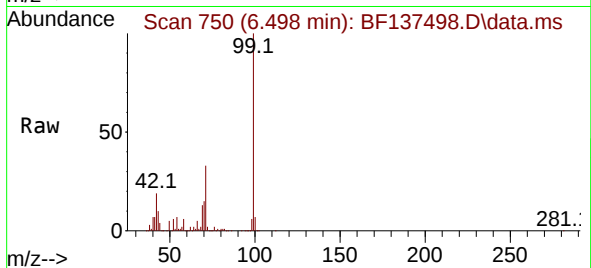
BNA_F

ClientSampleId :

PB159401TB

Tgt Ion: 99 Resp: 1769054

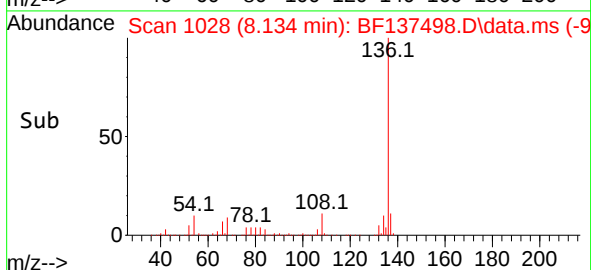
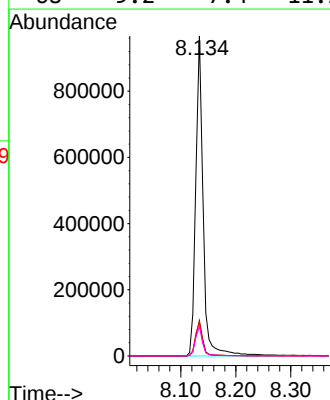
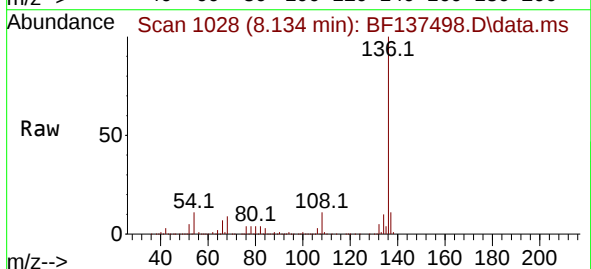
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	21.8
71	32.8	25.3	37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

Tgt Ion: 136 Resp: 904562

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.5	8.5	12.7
68	9.2	7.4	11.2





#23

Nitrobenzene-d5

Concen: 60.051 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137498.D

Acq: 05 Mar 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB159401TB

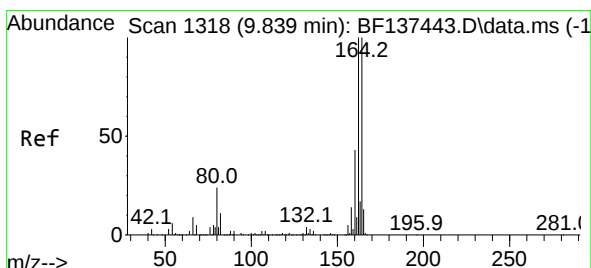
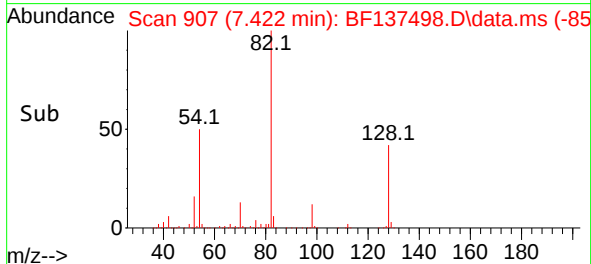
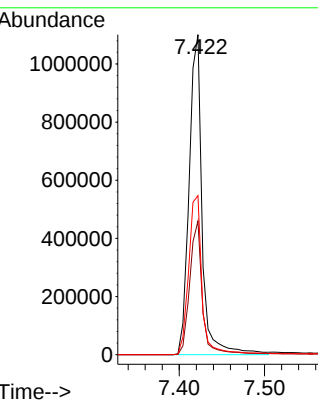
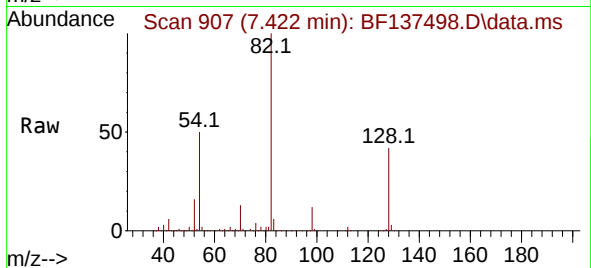
Tgt Ion: 82 Resp: 1169069

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 49.7 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF137498.D

Acq: 05 Mar 2024 13:54

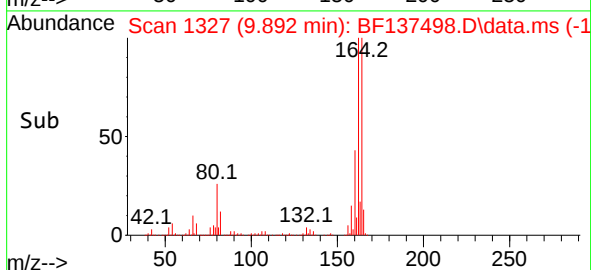
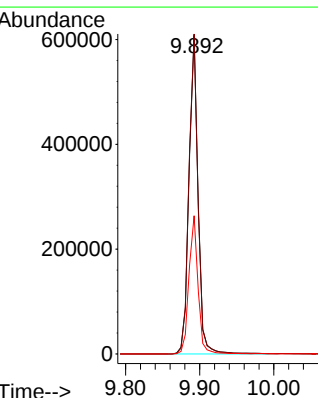
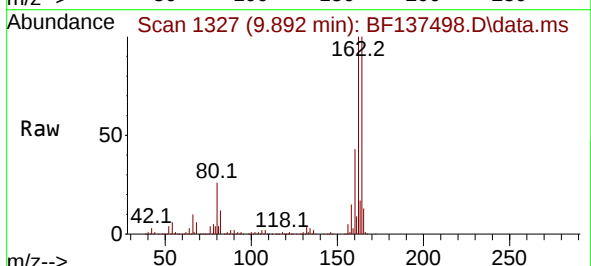
Tgt Ion:164 Resp: 516633

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.8

160 43.4 34.4 51.6

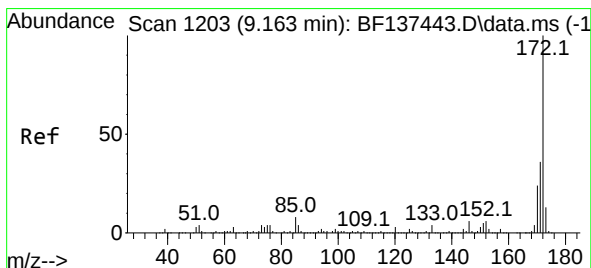
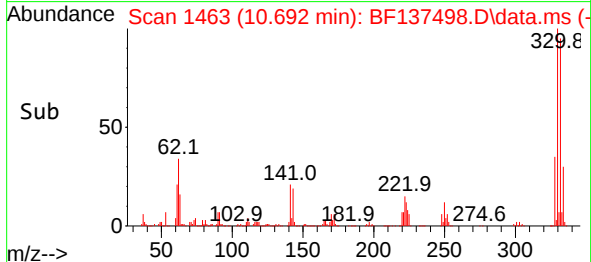
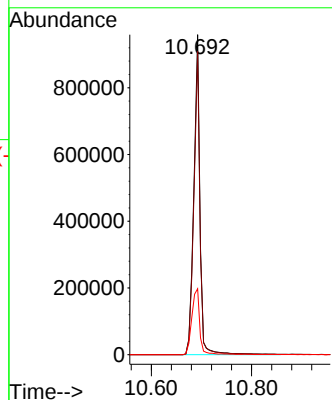
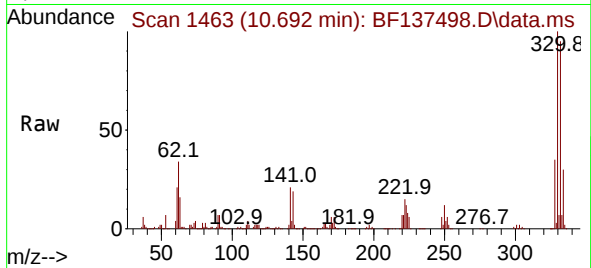




#42
2,4,6-Tribromophenol
Concen: 178.931 ng
RT: 10.692 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

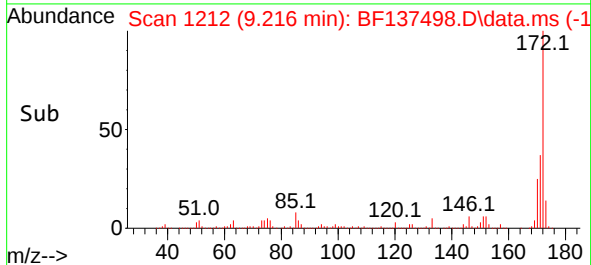
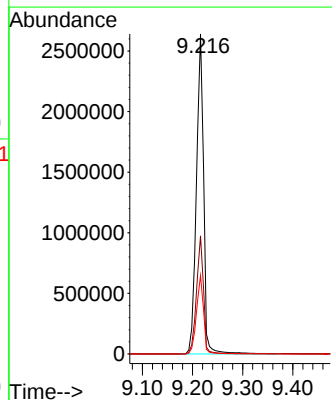
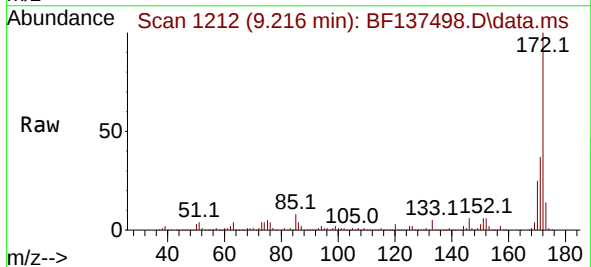
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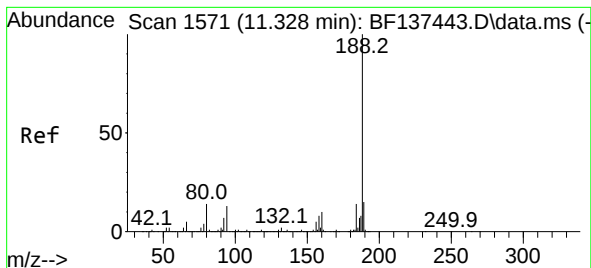
Tgt Ion:330 Resp: 811799
Ion Ratio Lower Upper
330 100
332 94.6 78.0 117.0
141 26.9 27.3 40.9#



#45
2-Fluorobiphenyl
Concen: 80.215 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137498.D
Acq: 05 Mar 2024 13:54

Tgt Ion:172 Resp: 2647434
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 24.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137498.D

Acq: 05 Mar 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB159401TB

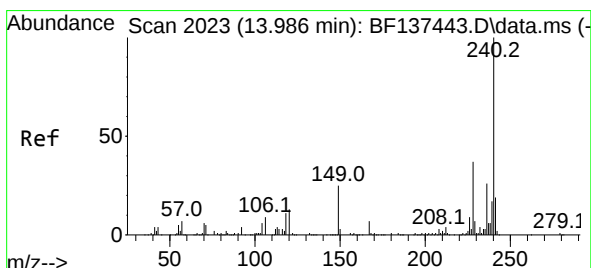
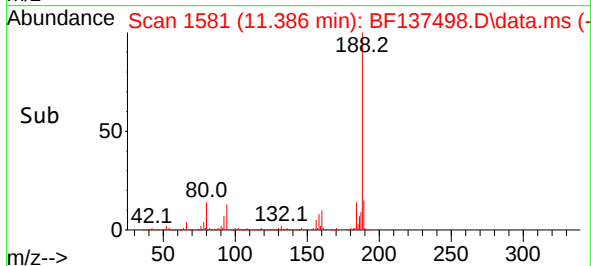
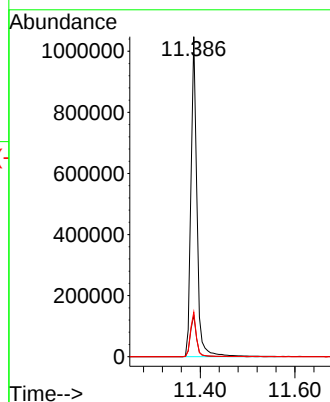
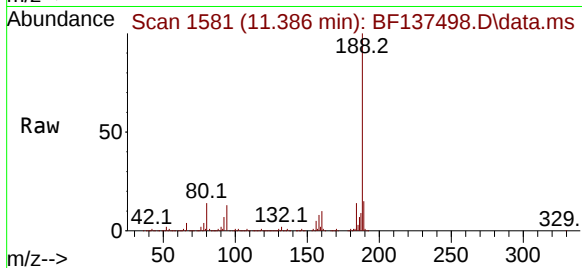
Tgt Ion:188 Resp: 915837

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 14.0 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: BF137498.D

Acq: 05 Mar 2024 13:54

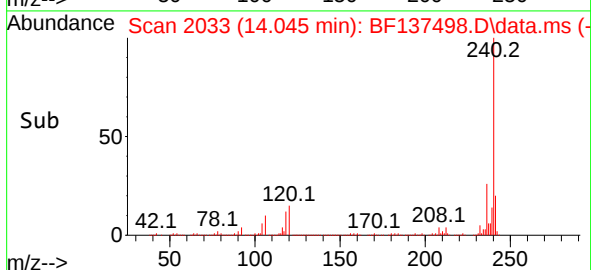
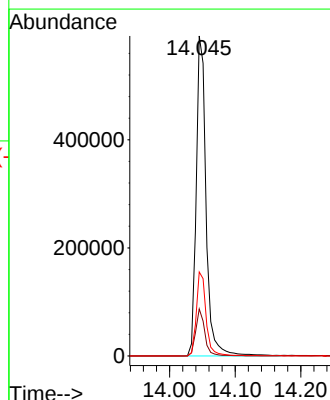
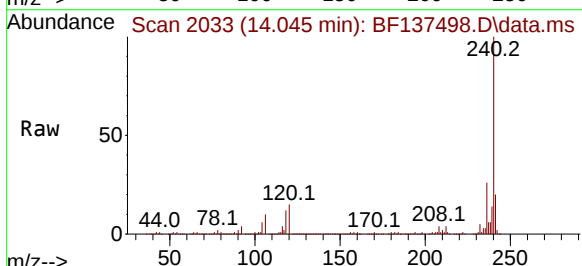
Tgt Ion:240 Resp: 621512

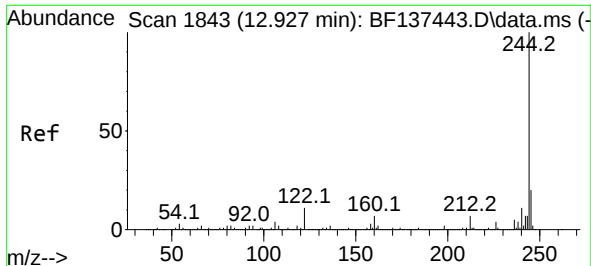
Ion Ratio Lower Upper

240 100

120 14.7 10.4 15.6

236 26.3 20.9 31.3

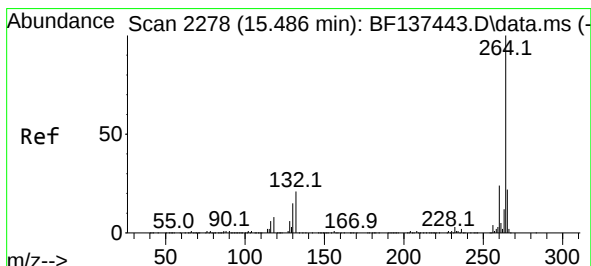
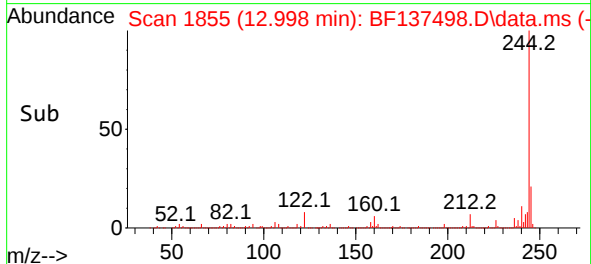
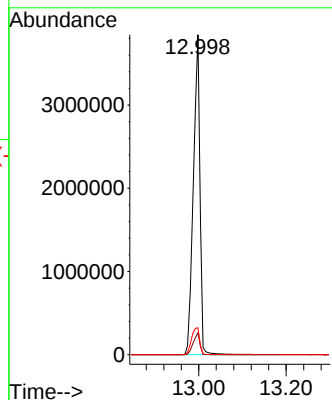
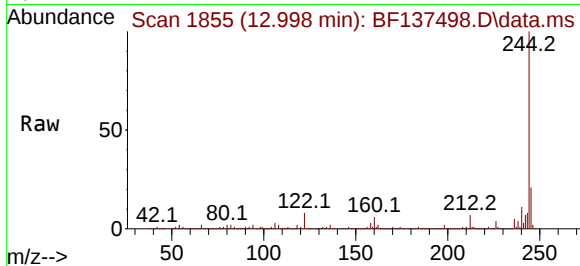




#79
 Terphenyl-d14
 Concen: 89.113 ng
 RT: 12.998 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137498.D
 Acq: 05 Mar 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB159401TB

Tgt Ion:244 Resp: 4027675
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.4 9.1 13.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.012 min
 Lab File: BF137498.D
 Acq: 05 Mar 2024 13:54

Tgt Ion:264 Resp: 472101
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.4 26.0

