

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137499.D
 Acq On : 05 Mar 2024 14:25
 Operator : CG\JU
 Sample : PB159437BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159437BL

Quant Time: Mar 05 14:52:36 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	6.863	152	255527	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	1014316	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	562112	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1019551	20.000	ng	0.00
76) Chrysene-d12	14.045	240	709883	20.000	ng	0.00
86) Perylene-d12	15.580	264	537124	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1936439	114.775	ng	0.02
7) Phenol-d6	6.504	99	2687156	110.339	ng	0.00
23) Nitrobenzene-d5	7.422	82	1710743	78.366	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	631300	127.889	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2665883	74.239	ng	0.00
79) Terphenyl-d14	12.998	244	3342878	64.754	ng	0.00

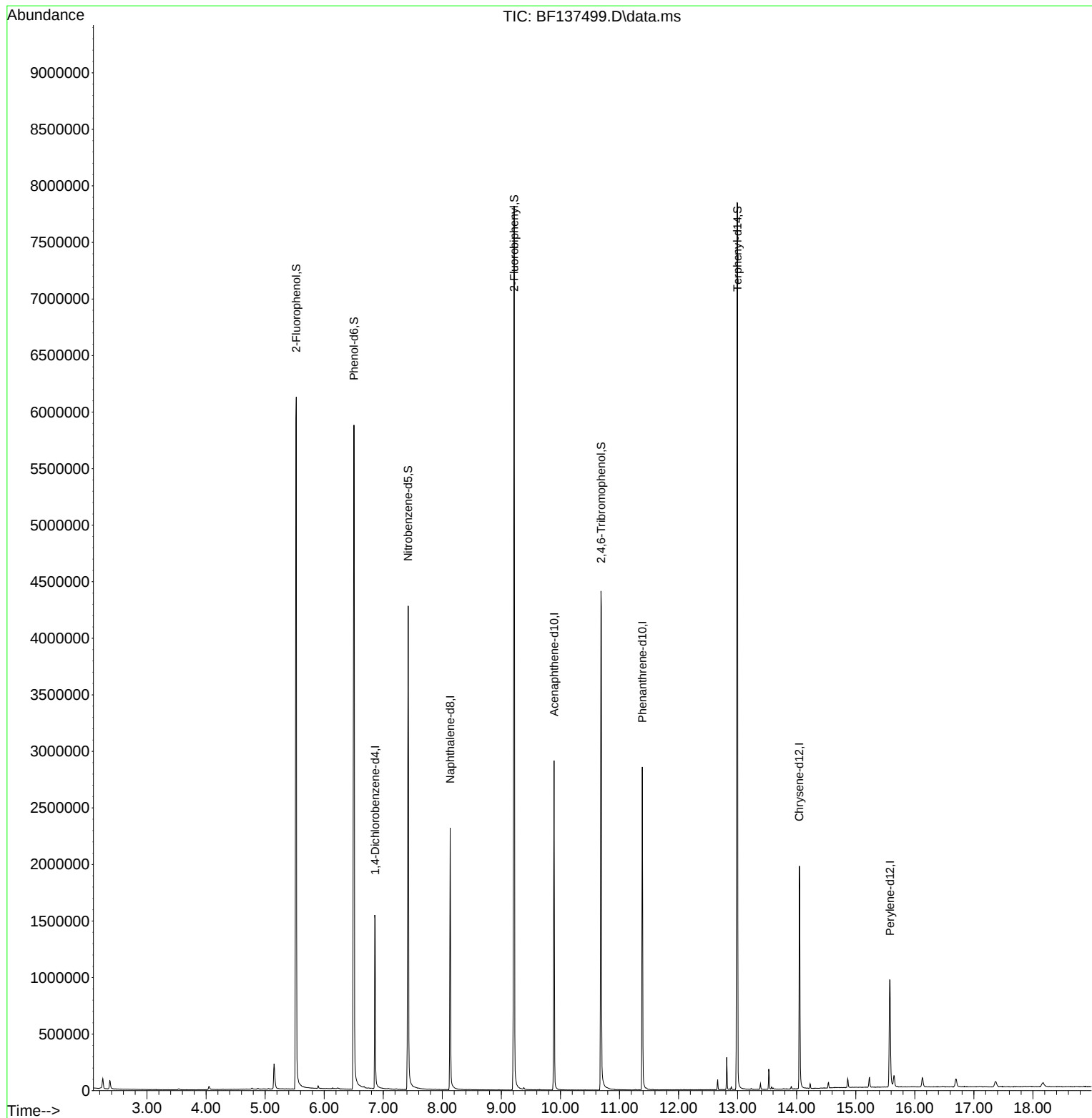
Target Compounds	Qvalue

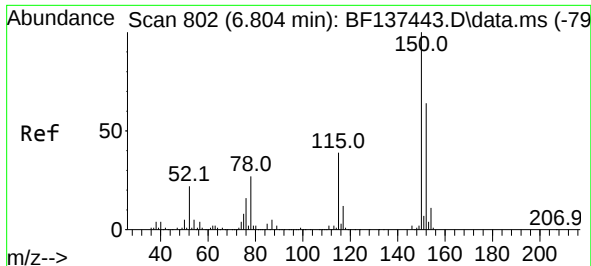
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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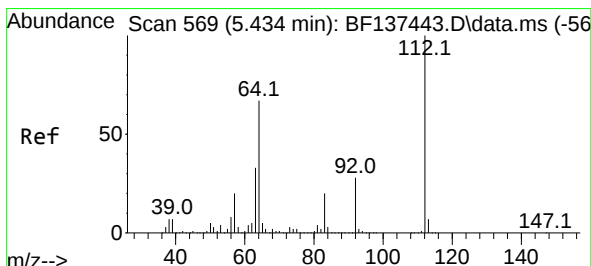
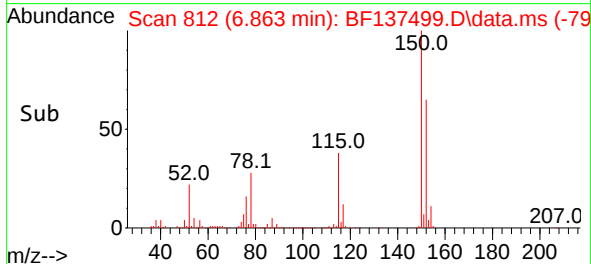
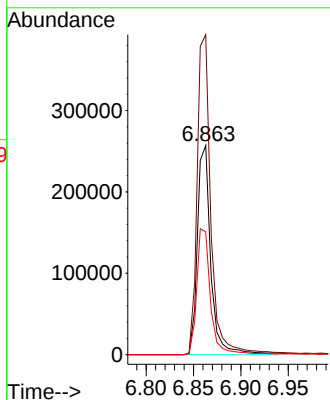
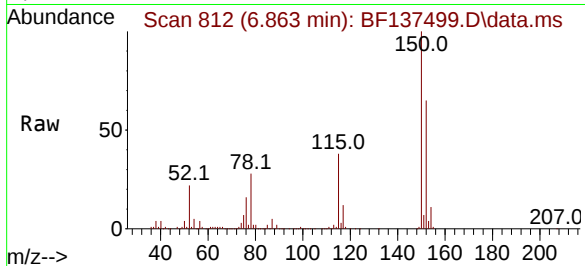




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

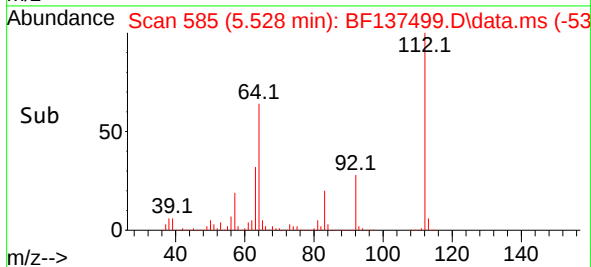
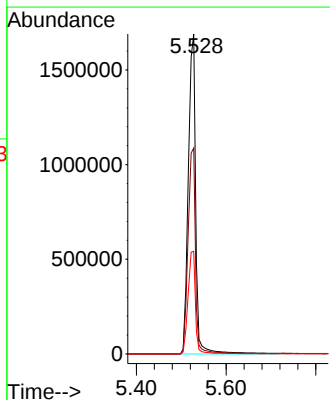
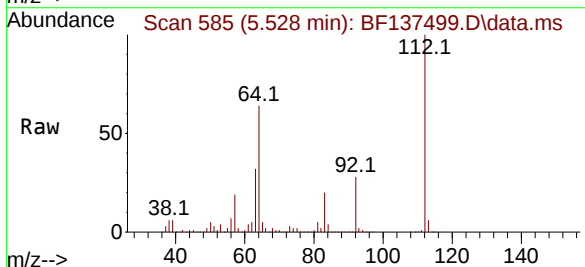
Instrument :
BNA_F
ClientSampleId :
PB159437BL

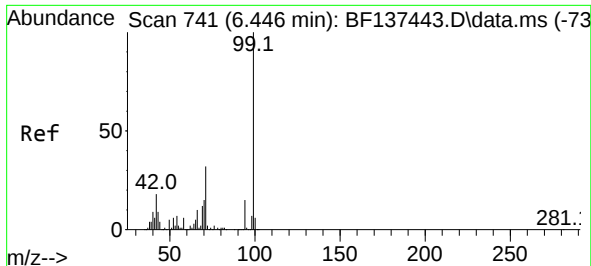
Tgt Ion:152 Resp: 255527
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.6
115 58.8 48.8 73.2



#5
2-Fluorophenol
Concen: 114.775 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:112 Resp: 1936439
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.1 26.2 39.2

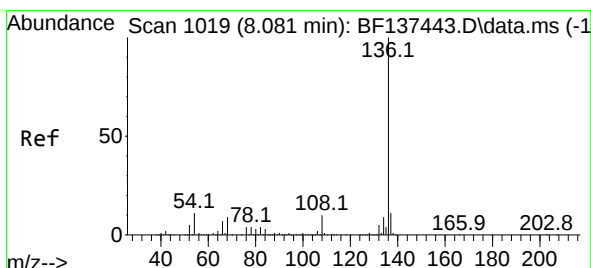
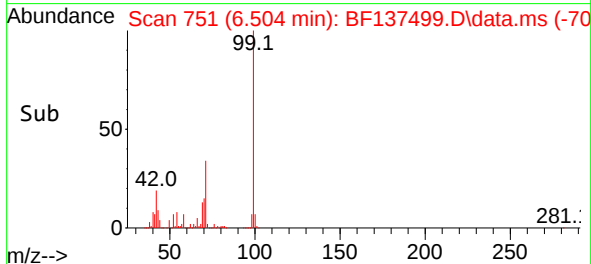
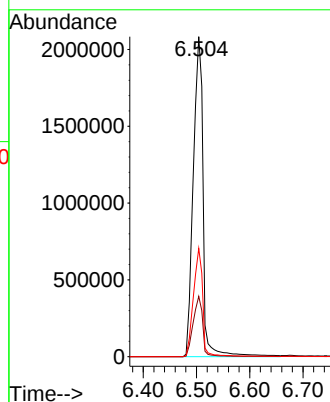
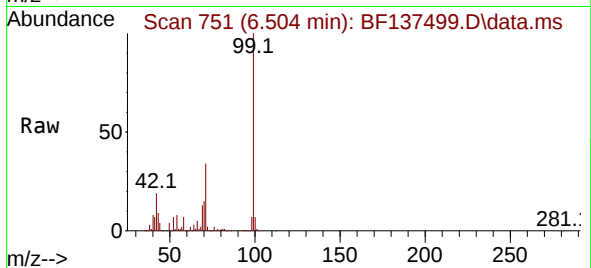




#7
Phenol-d6
Concen: 110.339 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

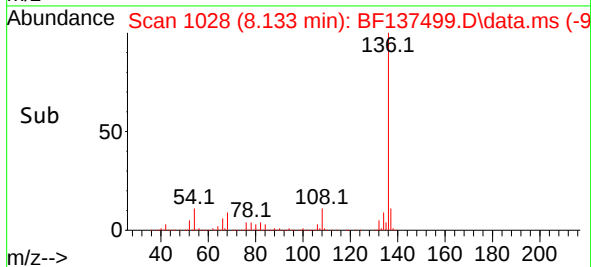
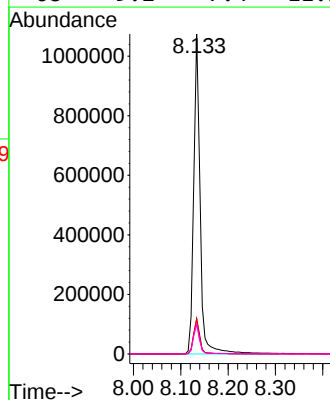
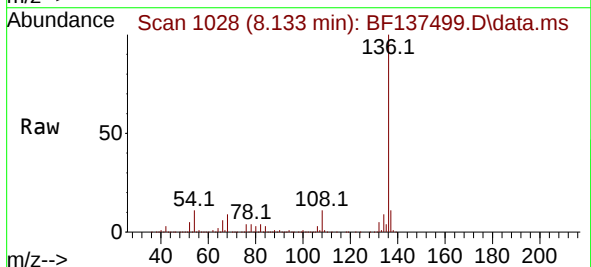
Instrument :
BNA_F
ClientSampleId :
PB159437BL

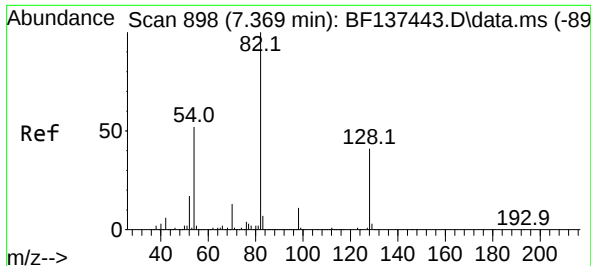
Tgt Ion: 99 Resp: 2687156
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion: 136 Resp: 1014316
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.9 8.5 12.7
68 9.2 7.4 11.2

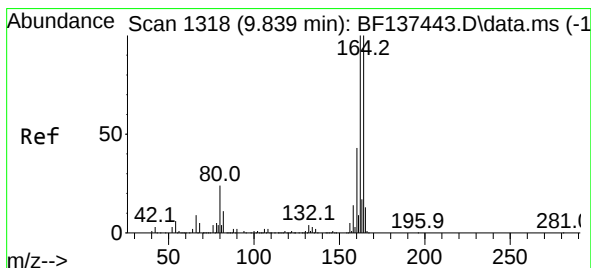
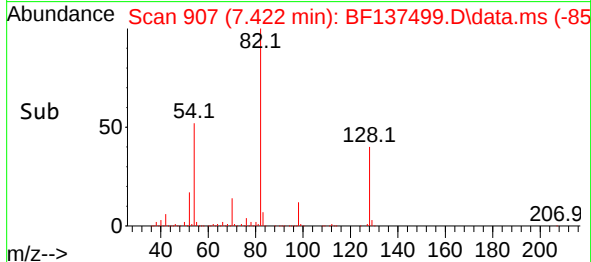
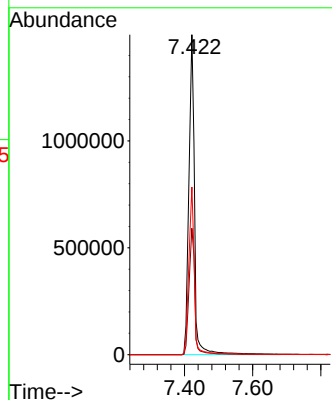
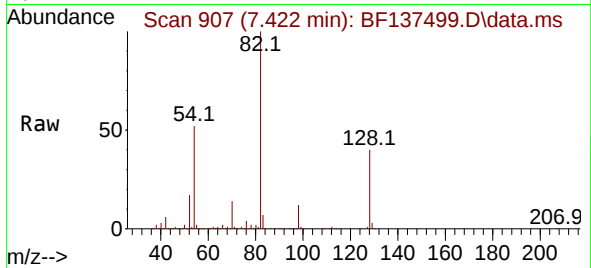




#23
Nitrobenzene-d5
Concen: 78.366 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

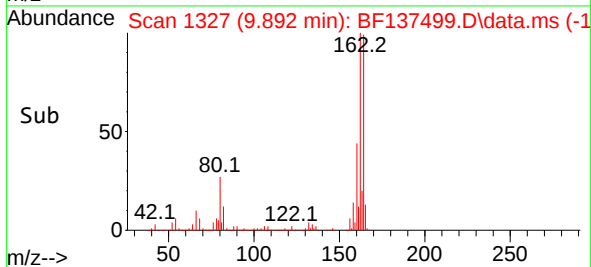
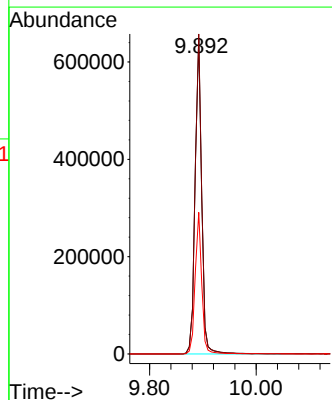
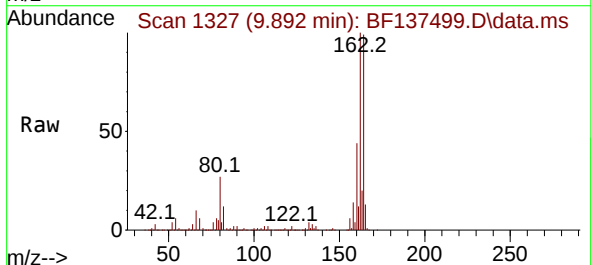
Instrument :
BNA_F
ClientSampleId :
PB159437BL

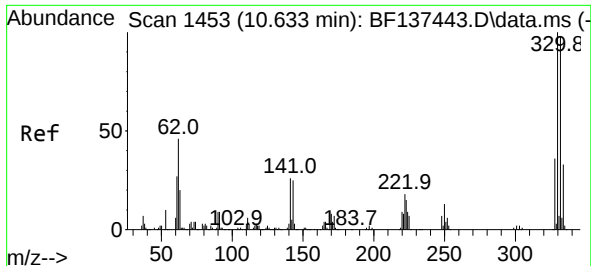
Tgt Ion: 82 Resp: 1710743
Ion Ratio Lower Upper
82 100
128 39.5 32.5 48.7
54 52.4 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137499.D
Acq: 05 Mar 2024 14:25

Tgt Ion:164 Resp: 562112
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 127.889 ng

RT: 10.692 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB159437BL

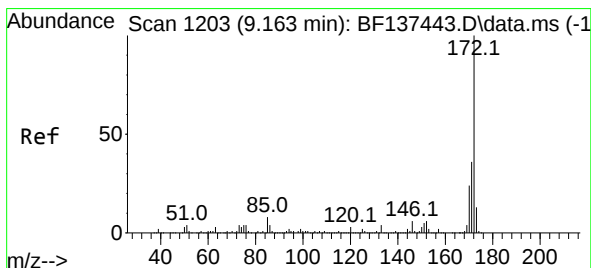
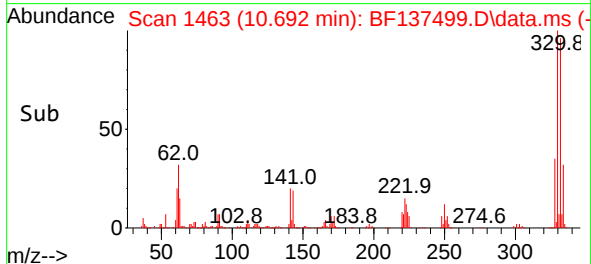
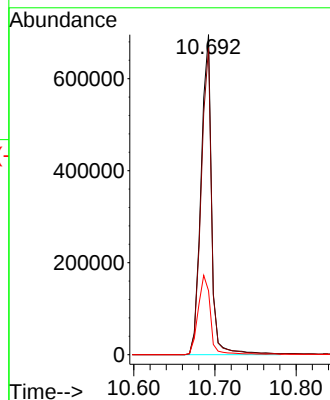
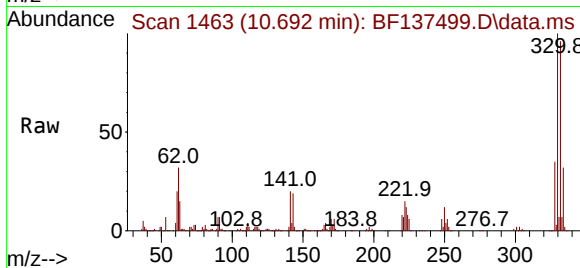
Tgt Ion:330 Resp: 631300

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.239 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137499.D

Acq: 05 Mar 2024 14:25

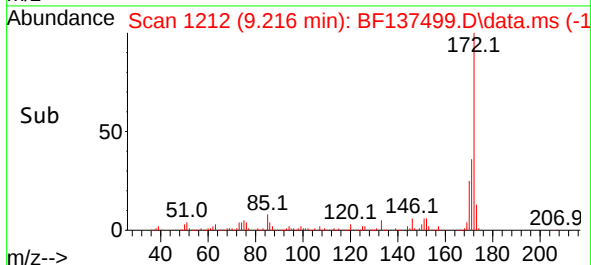
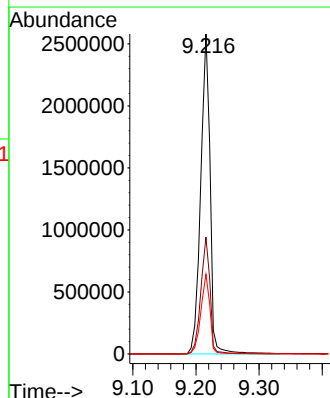
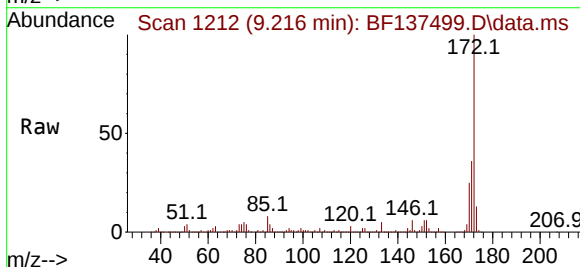
Tgt Ion:172 Resp: 2665883

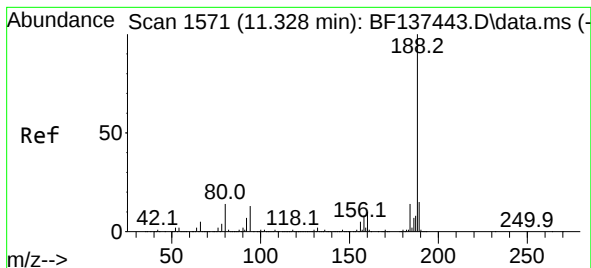
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.9 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: BF137499.D

Acq: 05 Mar 2024 14:25

Instrument :

BNA_F

ClientSampleId :

PB159437BL

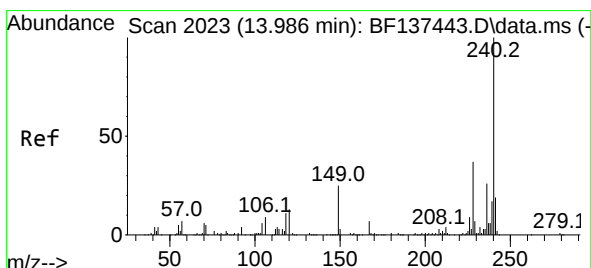
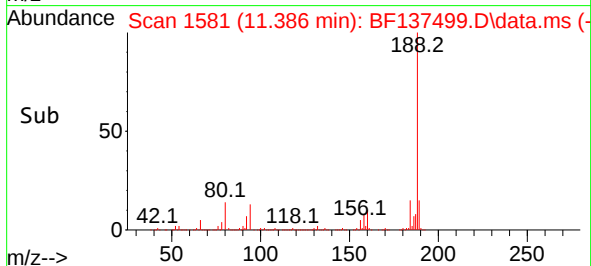
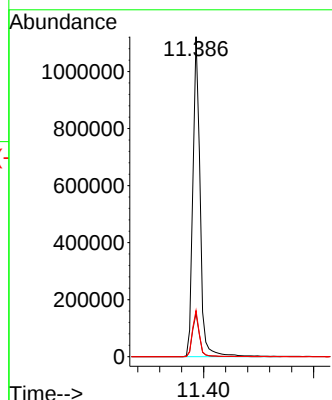
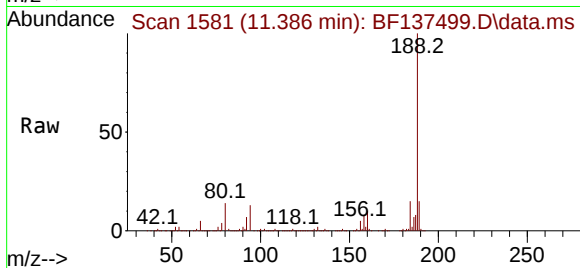
Tgt Ion:188 Resp: 1019551

Ion Ratio Lower Upper

188 100

94 13.5 10.6 15.8

80 14.5 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: BF137499.D

Acq: 05 Mar 2024 14:25

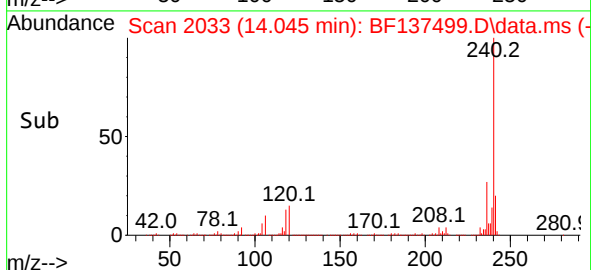
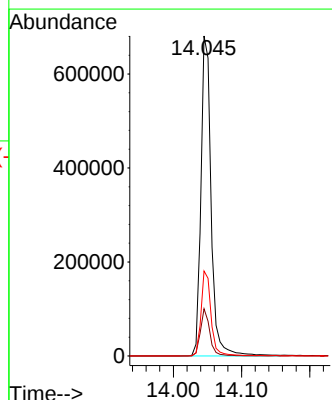
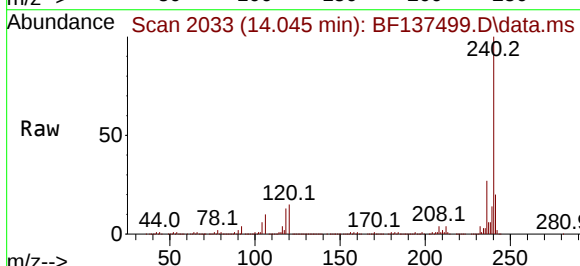
Tgt Ion:240 Resp: 709883

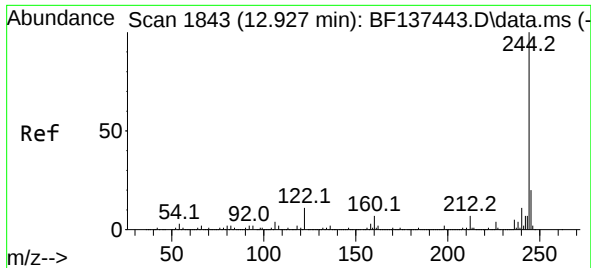
Ion Ratio Lower Upper

240 100

120 14.8 10.4 15.6

236 26.6 20.9 31.3

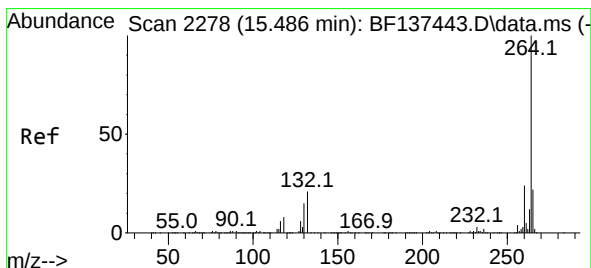
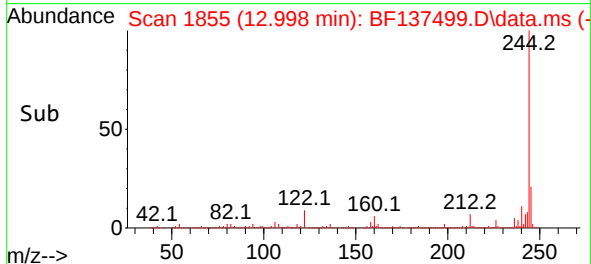
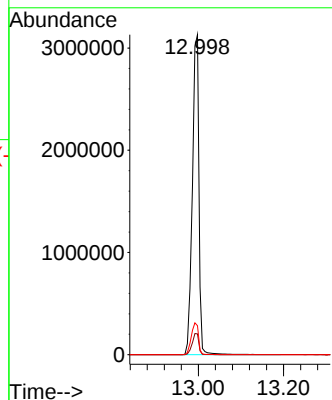
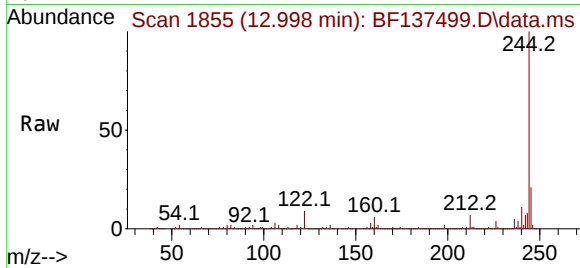




#79
 Terphenyl-d14
 Concen: 64.754 ng
 RT: 12.998 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137499.D
 Acq: 05 Mar 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB159437BL

Tgt Ion:244 Resp: 3342878
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 9.0 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: BF137499.D
 Acq: 05 Mar 2024 14:25

Tgt Ion:264 Resp: 537124
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.6 17.4 26.0

