

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137666.D
 Acq On : 21 Mar 2024 17:56
 Operator : CG\JU
 Sample : P1821-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Quant Time: Mar 21 18:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.727	152	113479	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	434503	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	222856	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	334423	20.000	ng	0.00
76) Chrysene-d12	13.874	240	246015	20.000	ng	0.00
86) Perylene-d12	15.298	264	272409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	671425	89.611	ng	0.00
7) Phenol-d6	6.363	99	910123	84.151	ng	0.00
23) Nitrobenzene-d5	7.286	82	557199	59.585	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	147809	75.526	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	981719	68.957	ng	0.00
79) Terphenyl-d14	12.821	244	818472	45.749	ng	0.00

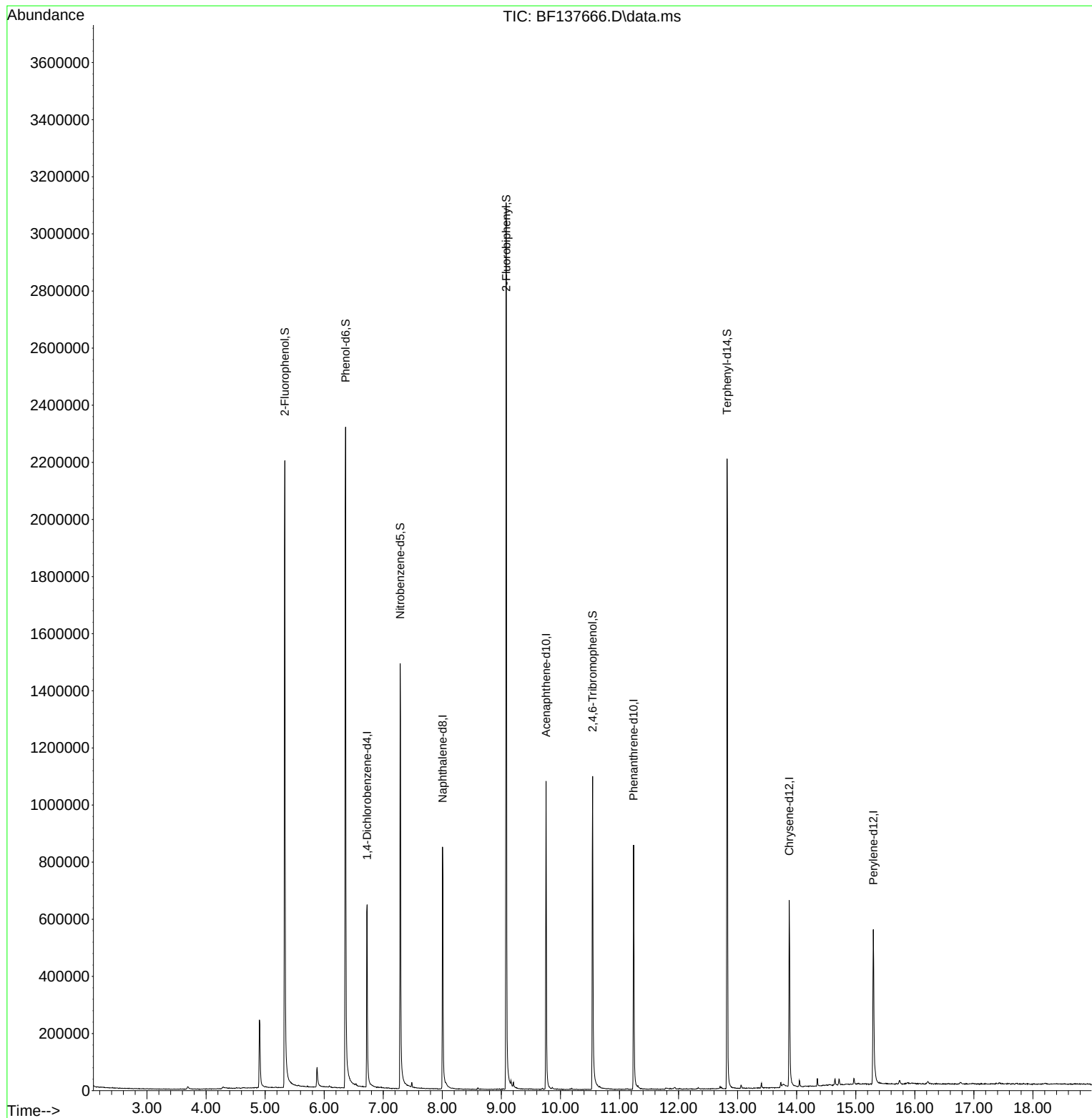
Target Compounds	Qvalue

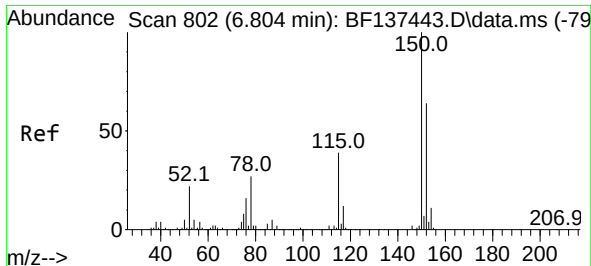
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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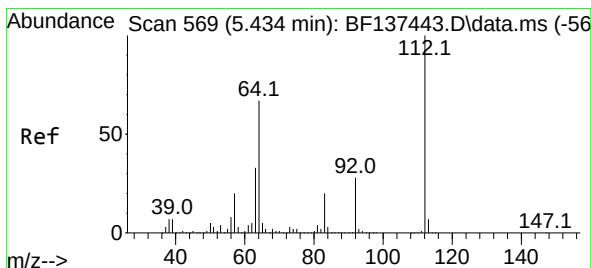
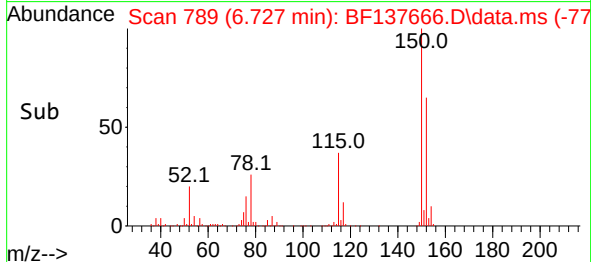
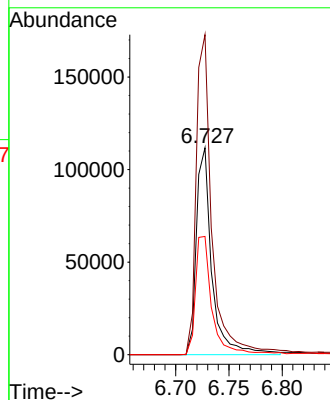
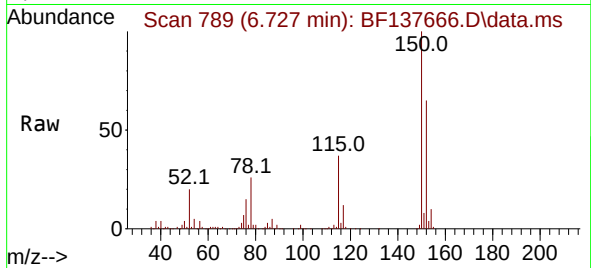




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.727 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

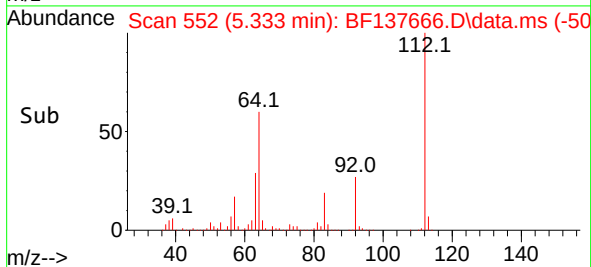
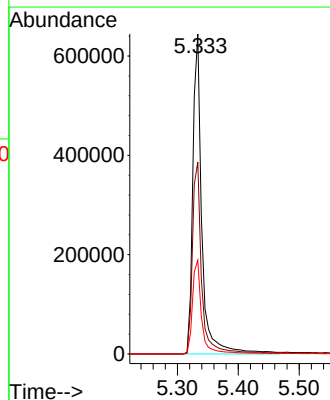
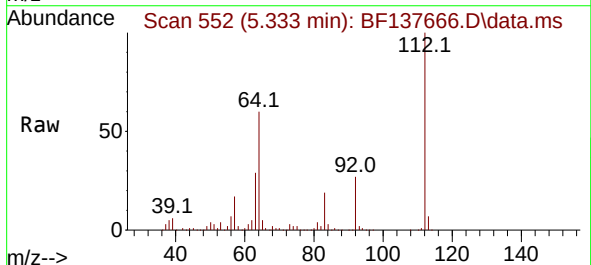
Instrument :
BNA_F
ClientSampleId :
72-12002

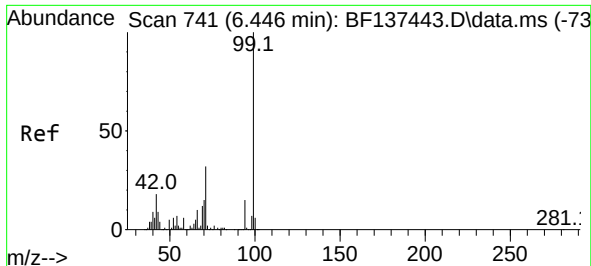
Tgt Ion:152 Resp: 113479
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 57.1 48.8 73.2



#5
2-Fluorophenol
Concen: 89.611 ng
RT: 5.333 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:112 Resp: 671425
Ion Ratio Lower Upper
112 100
64 60.0 53.4 80.2
63 29.3 26.2 39.2

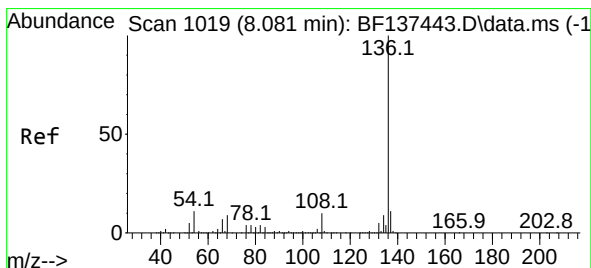
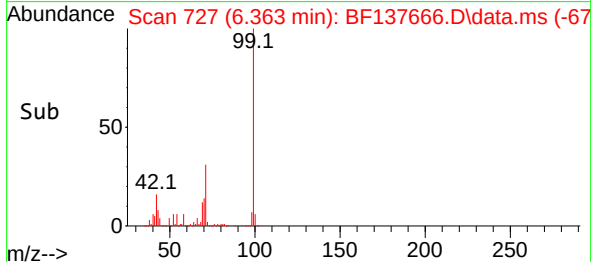
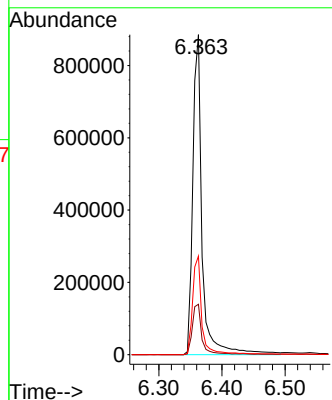
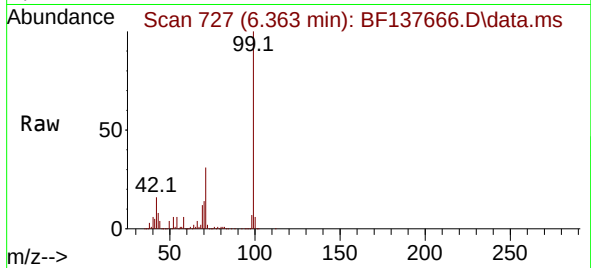




#7
Phenol-d6
Concen: 84.151 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

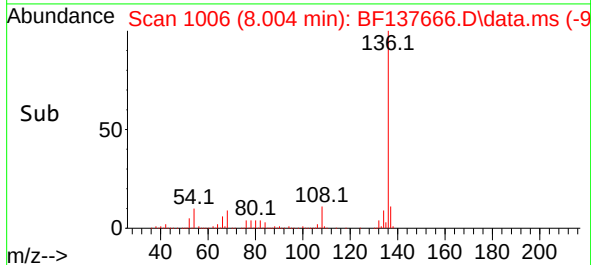
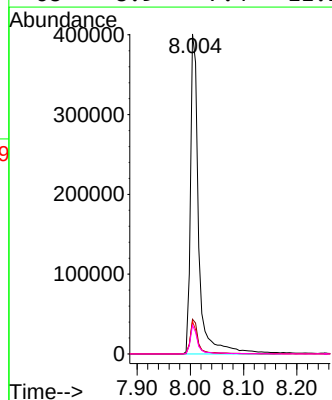
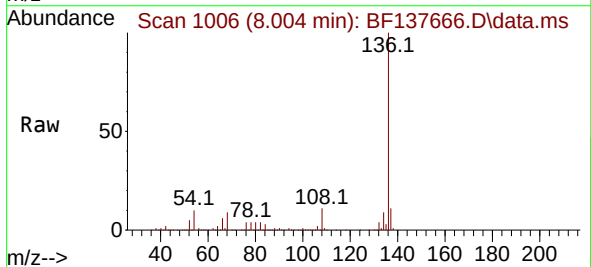
Instrument :
BNA_F
ClientSampleId :
72-12002

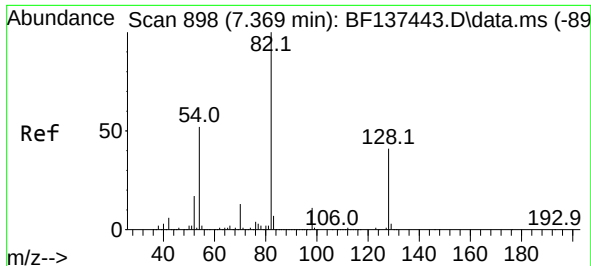
Tgt Ion: 99 Resp: 910123
Ion Ratio Lower Upper
99 100
42 15.8 14.6 21.8
71 30.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion: 136 Resp: 434503
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.1 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 59.585 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

Instrument :

BNA_F

ClientSampleId :

72-12002

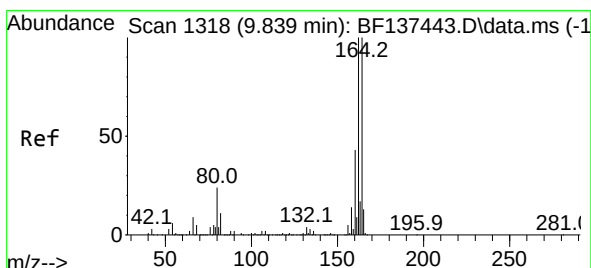
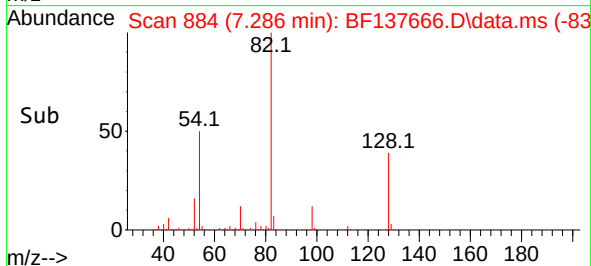
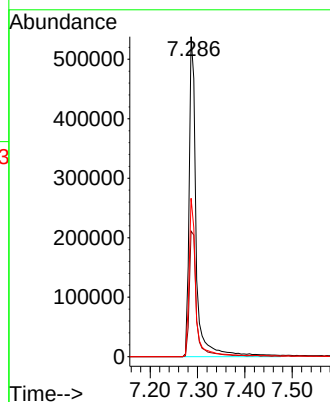
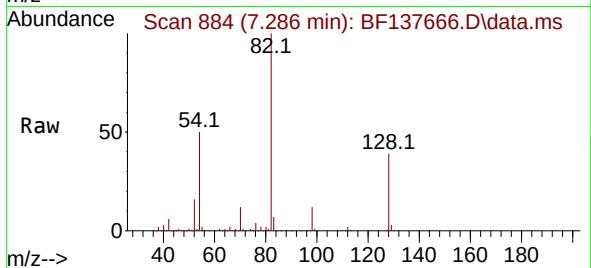
Tgt Ion: 82 Resp: 557199

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 49.5 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

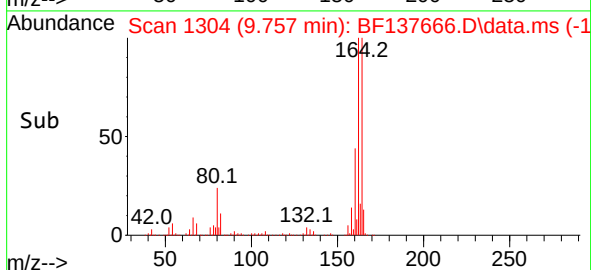
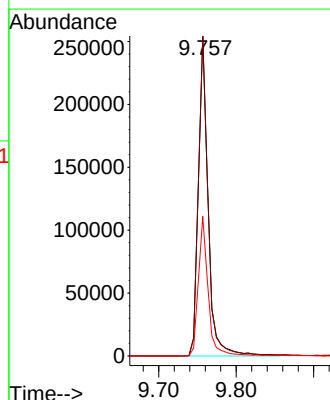
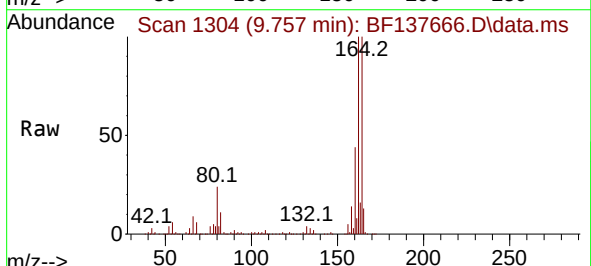
Tgt Ion: 164 Resp: 222856

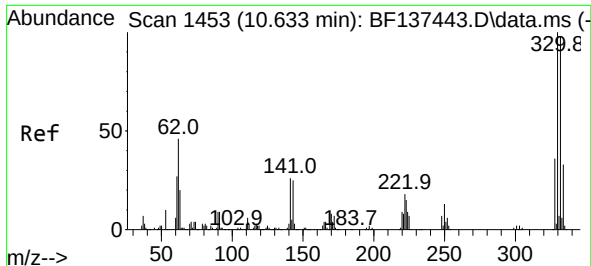
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.526 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

Instrument :

BNA_F

ClientSampleId :

72-12002

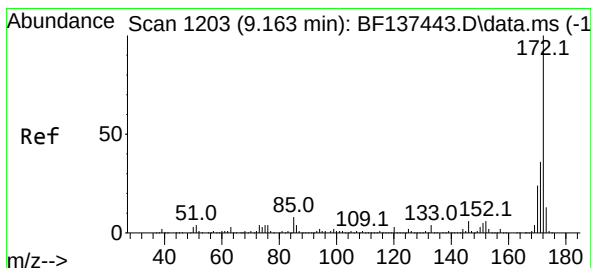
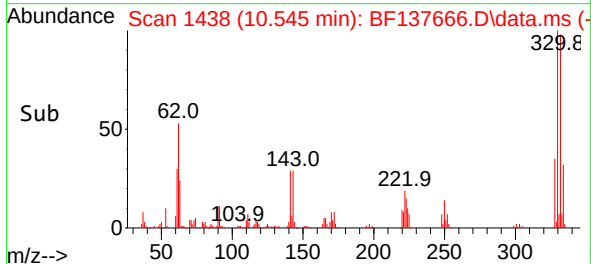
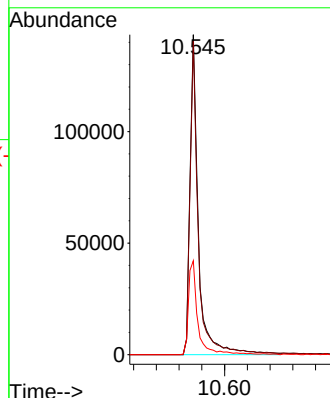
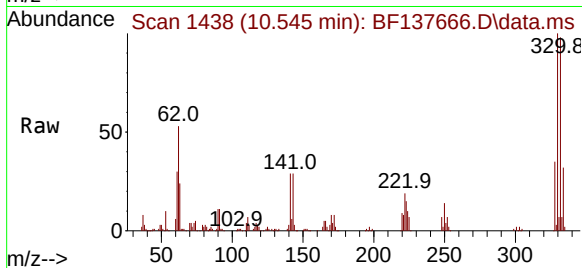
Tgt Ion:330 Resp: 147809

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 68.957 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

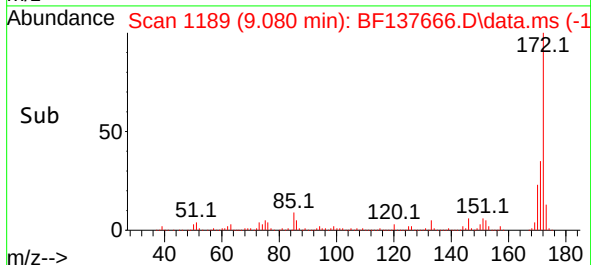
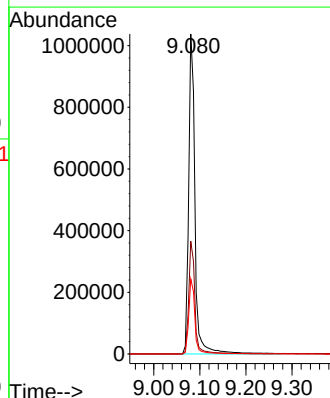
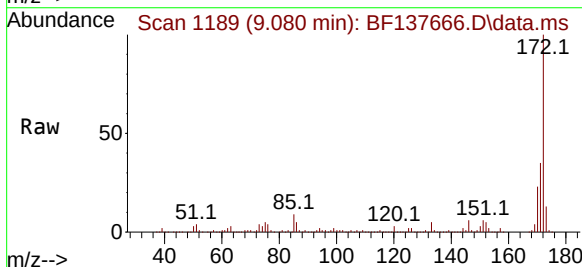
Tgt Ion:172 Resp: 981719

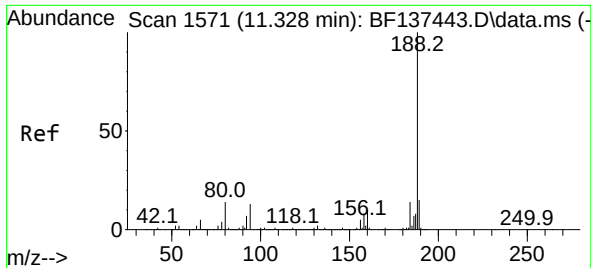
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.5 19.0 28.6

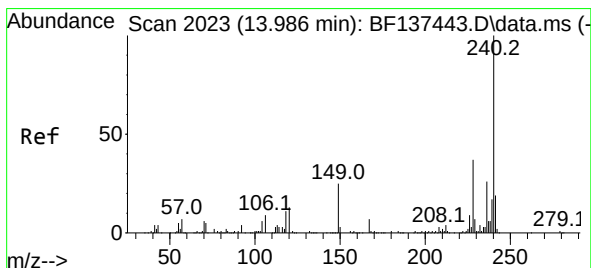
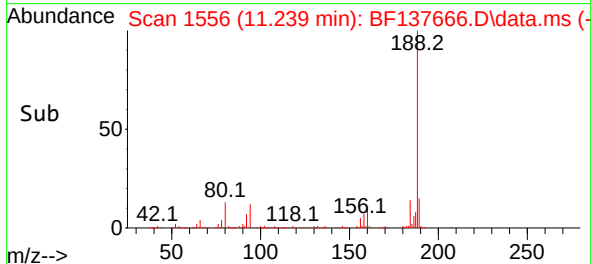
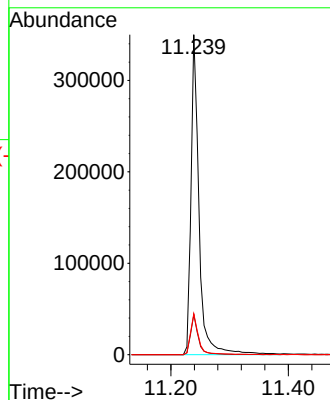
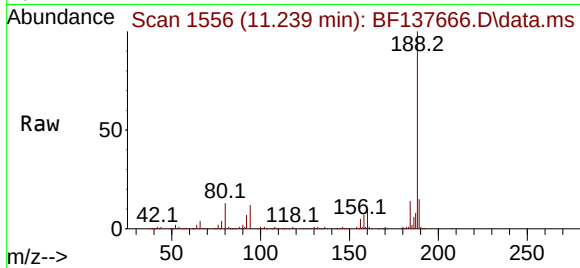




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

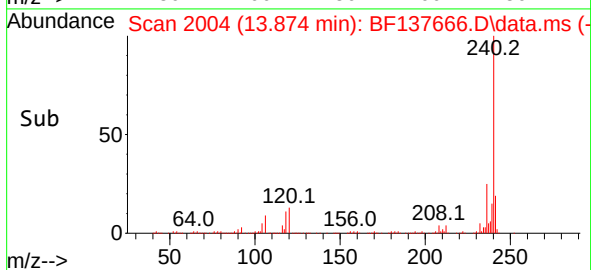
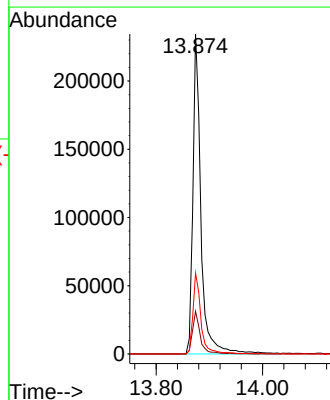
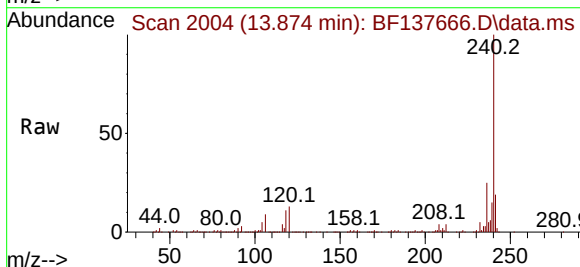
Instrument :
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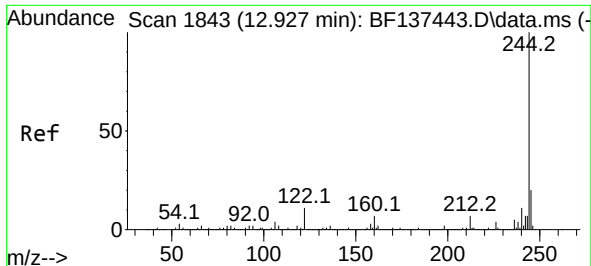
Tgt Ion:188 Resp: 334423
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:240 Resp: 246015
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 25.2 20.9 31.3

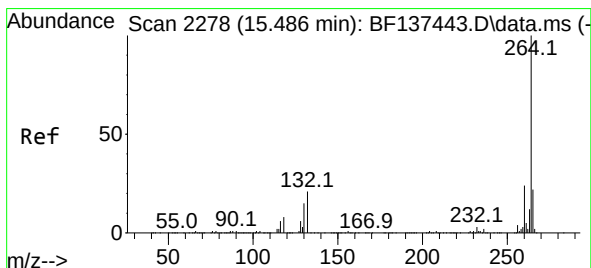
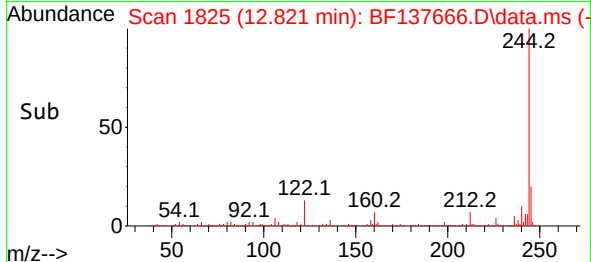
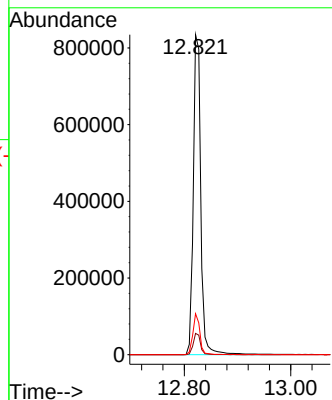
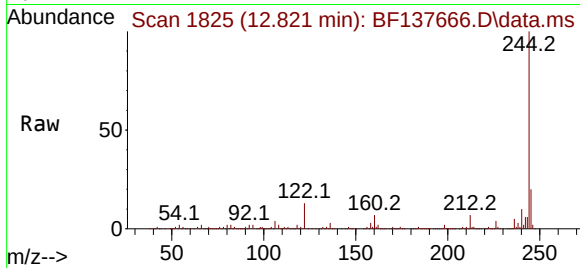




#79
 Terphenyl-d14
 Concen: 45.749 ng
 RT: 12.821 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Tgt Ion:244 Resp: 818472
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

Tgt Ion:264 Resp: 272409
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 21.2 17.4 26.0

