

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137628.D
Acq On : 18 Mar 2024 13:38
Operator : CG\JU
Sample : P1773-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PMW-2

Quant Time: Mar 18 13:58:25 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	6.722	152	108404	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	436594	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	250091	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	440023	20.000	ng	0.00
76) Chrysene-d12	13.874	240	300619	20.000	ng	0.00
86) Perylene-d12	15.298	264	251944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	407163	56.886	ng	0.00
7) Phenol-d6	6.357	99	329375	31.880	ng	-0.01
23) Nitrobenzene-d5	7.292	82	737607	78.499	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	289964	132.028	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1331791	83.359	ng	0.00
79) Terphenyl-d14	12.827	244	1633597	74.725	ng	0.00

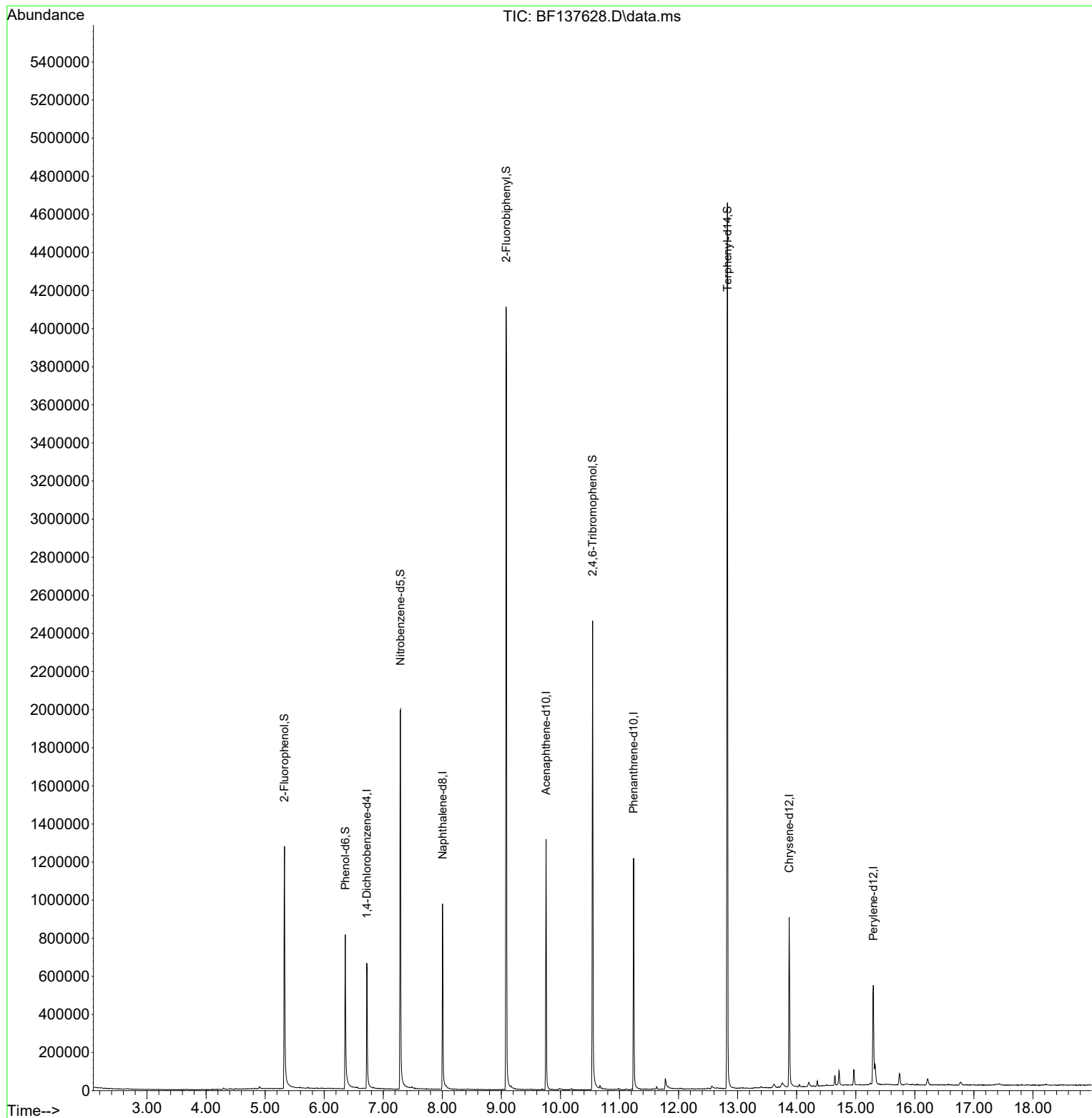
Target Compounds	Qvalue
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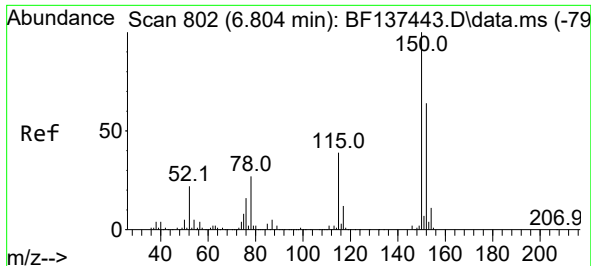
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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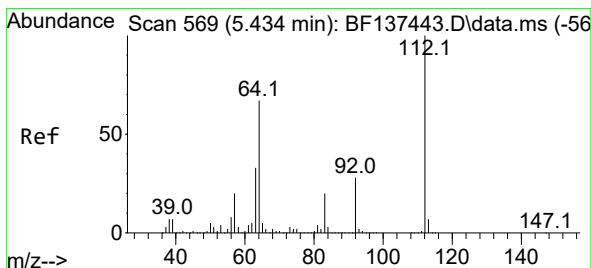
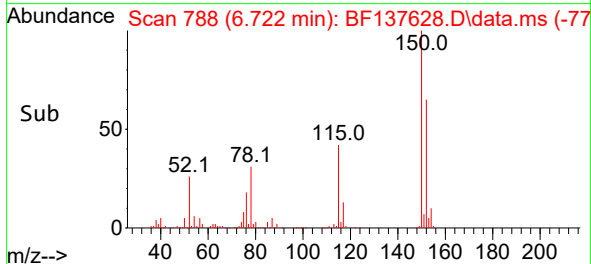
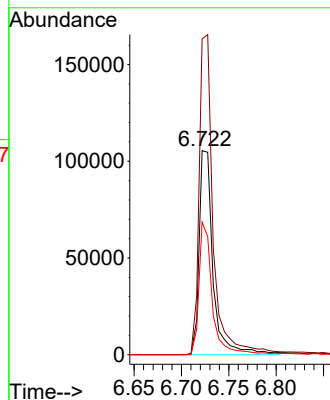
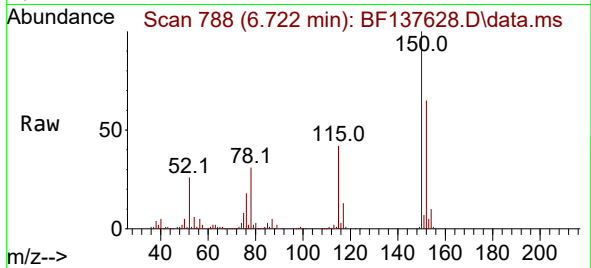




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

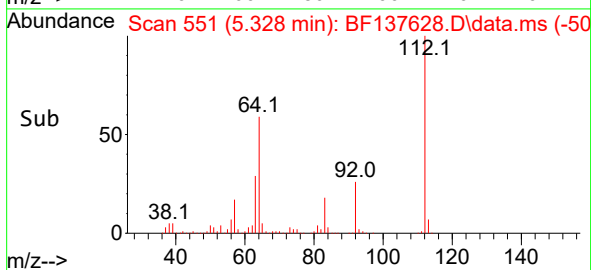
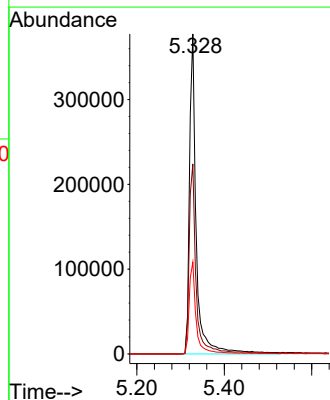
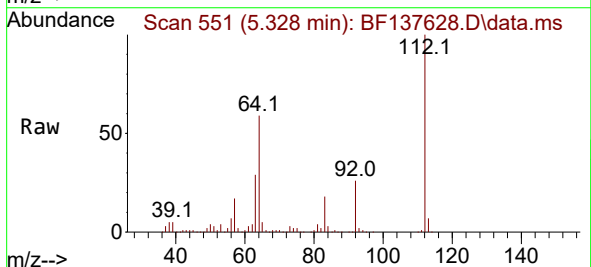
Instrument :
BNA_F
ClientSampleId :
PMW-2

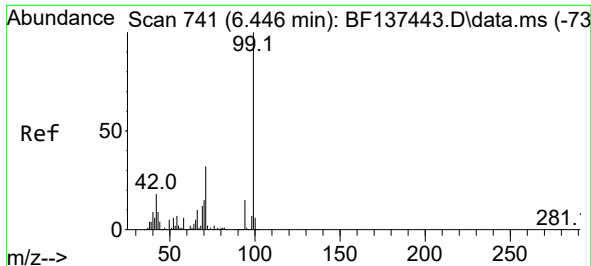
Tgt Ion:152 Resp: 108404
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 65.0 48.8 73.2



#5
2-Fluorophenol
Concen: 56.886 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:112 Resp: 407163
Ion Ratio Lower Upper
112 100
64 59.4 53.4 80.2
63 28.7 26.2 39.2

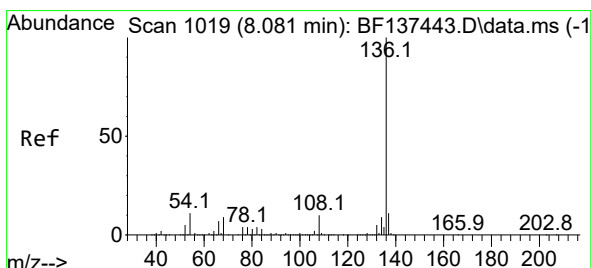
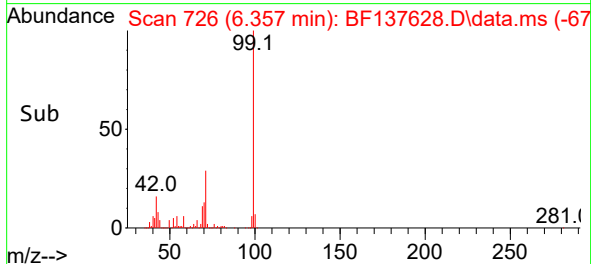
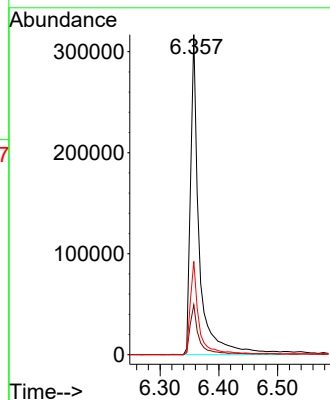
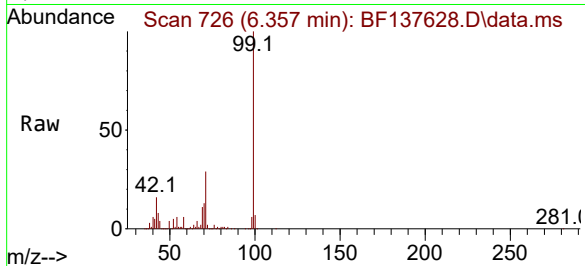




#7
Phenol-d6
Concen: 31.880 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

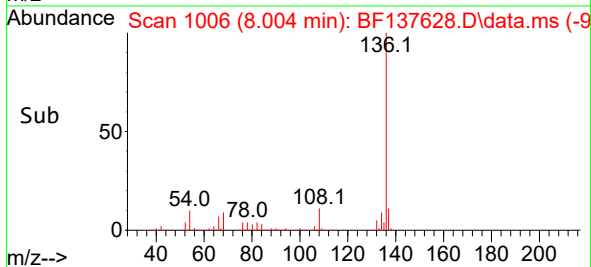
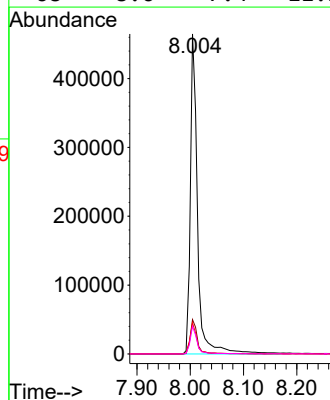
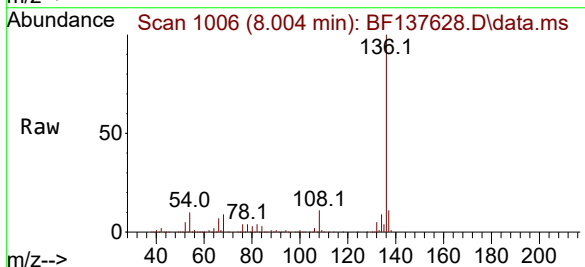
Instrument :
BNA_F
ClientSampleId :
PMW-2

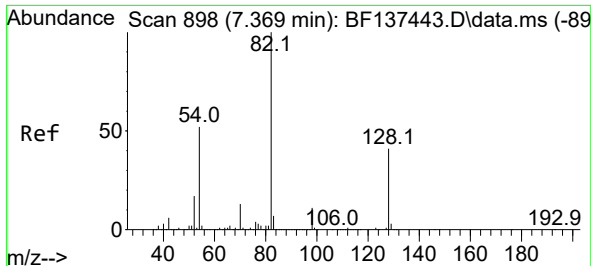
Tgt Ion: 99 Resp: 329375
Ion Ratio Lower Upper
99 100
42 15.6 14.6 21.8
71 29.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:136 Resp: 436594
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.7 8.5 12.7
68 8.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 78.499 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PMW-2

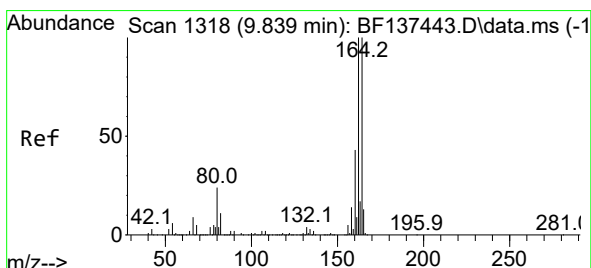
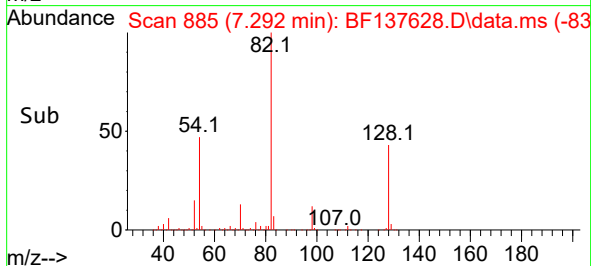
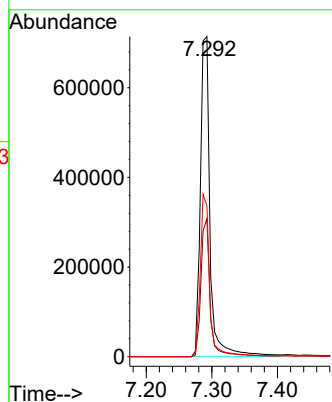
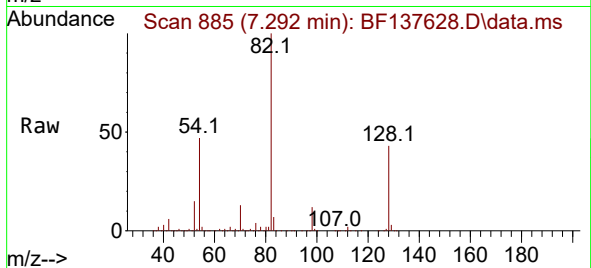
Tgt Ion: 82 Resp: 737607

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

54 47.1 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: BF137628.D

Acq: 18 Mar 2024 13:38

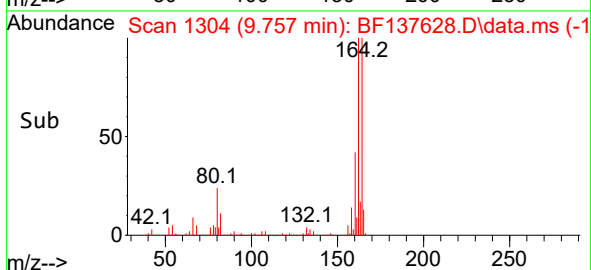
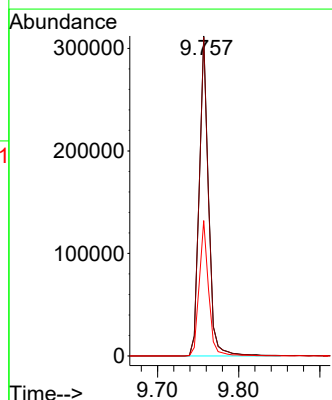
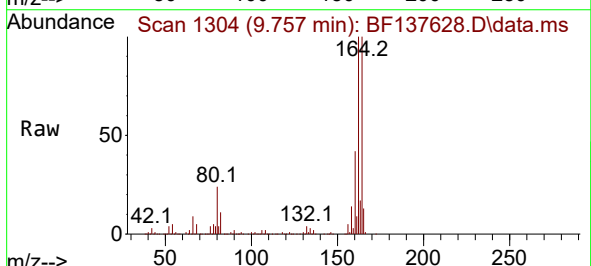
Tgt Ion: 164 Resp: 250091

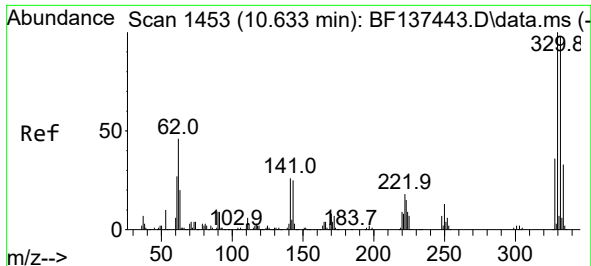
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.028 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PMW-2

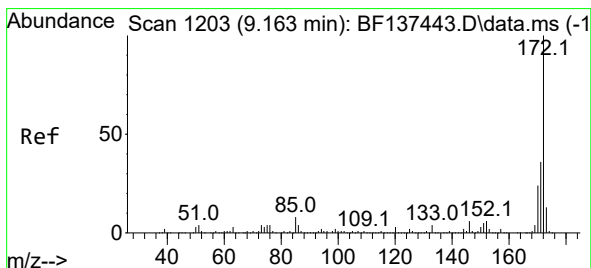
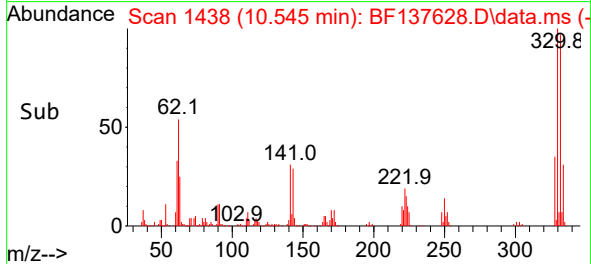
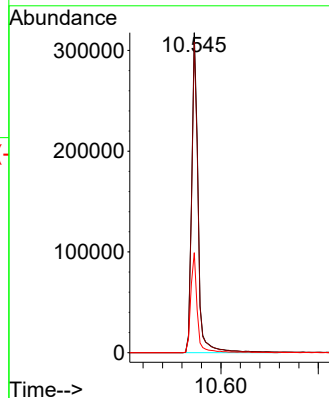
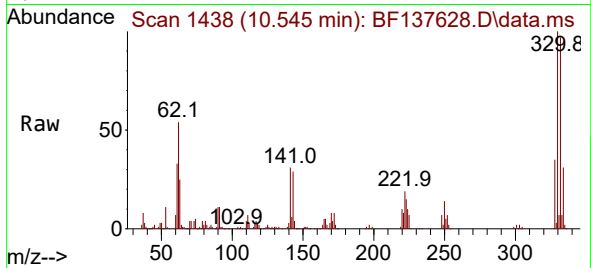
Tgt Ion:330 Resp: 289964

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 31.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 83.359 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

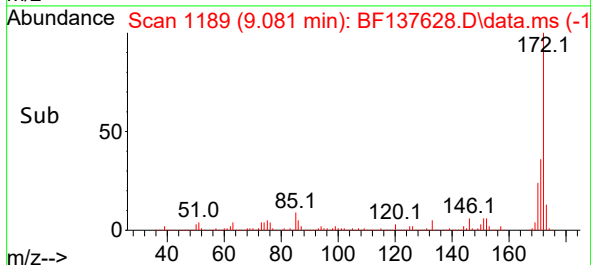
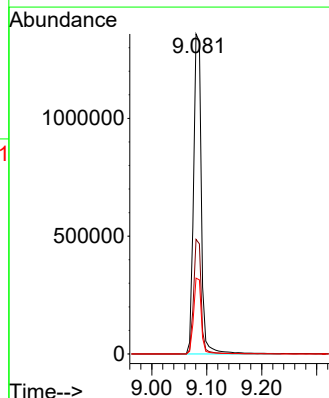
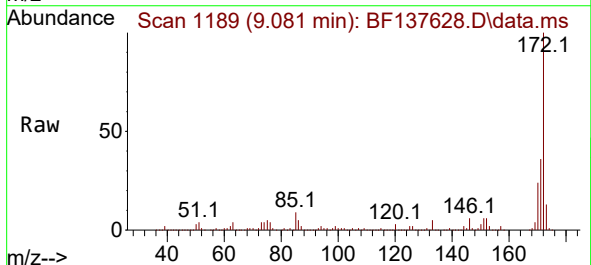
Tgt Ion:172 Resp: 1331791

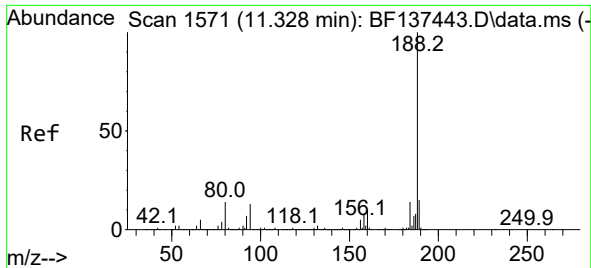
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.7 19.0 28.6

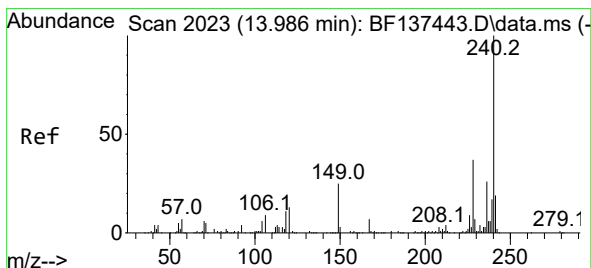
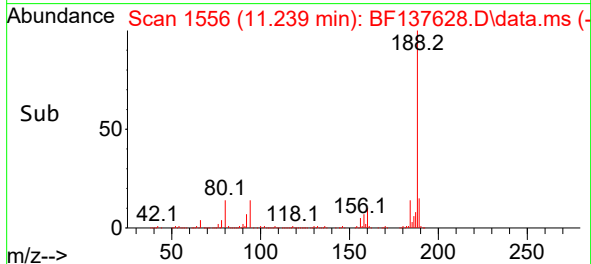
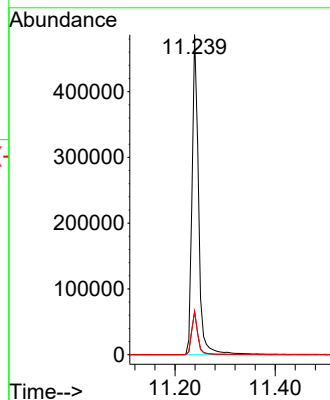
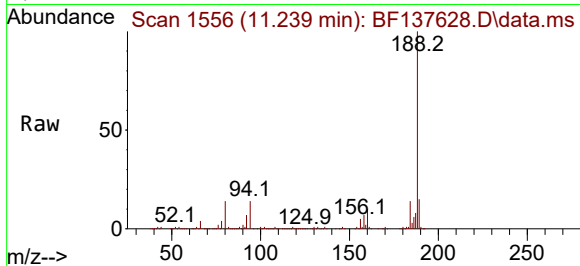




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

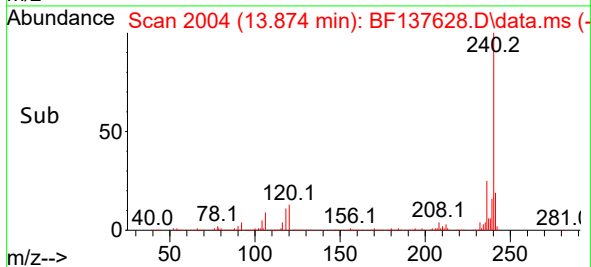
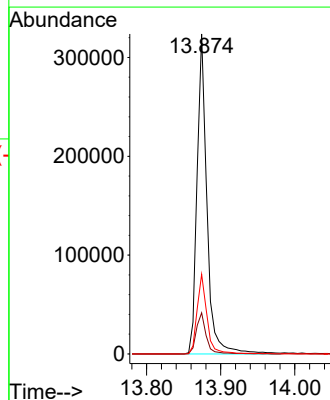
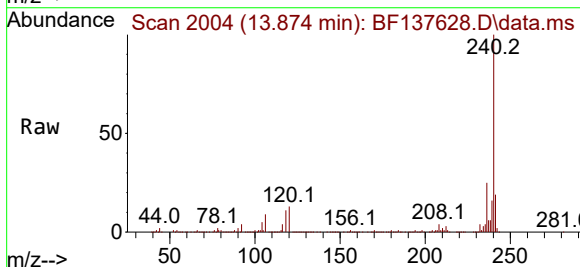
Instrument :
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PMW-2

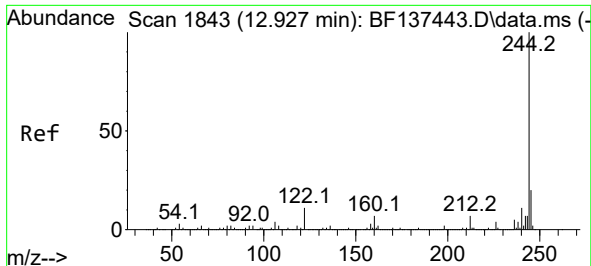
Tgt Ion:188 Resp: 440023
Ion Ratio Lower Upper
188 100
94 13.5 10.6 15.8
80 13.5 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:240 Resp: 300619
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 24.9 20.9 31.3

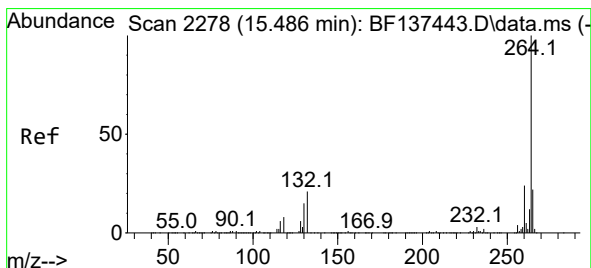
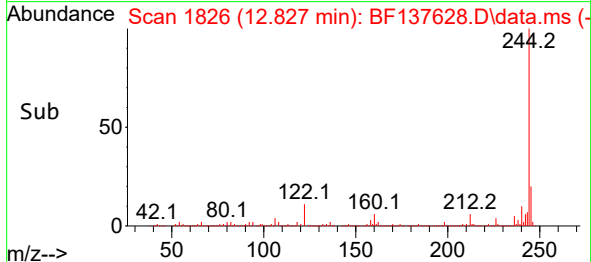
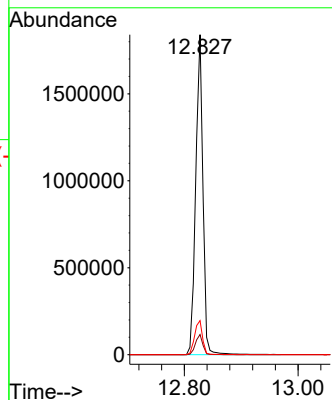
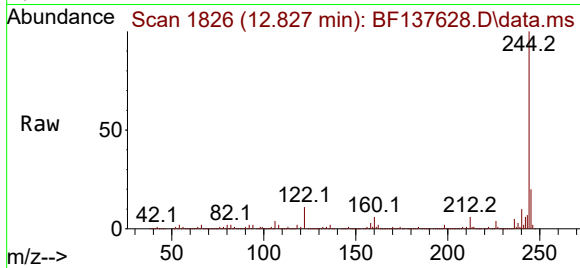




#79
 Terphenyl-d14
 Concen: 74.725 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137628.D
 Acq: 18 Mar 2024 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2

Tgt Ion:244 Resp: 1633597
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.6 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: BF137628.D
 Acq: 18 Mar 2024 13:38

Tgt Ion:264 Resp: 251944
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.2 17.4 26.0

