

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137534.D
Acq On : 07 Mar 2024 17:18
Operator : CG\JU
Sample : P1688-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Mar 07 17:43:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	203192	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	800020	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	428629	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	687968	20.000	ng	0.00
76) Chrysene-d12	14.057	240	377231	20.000	ng	0.00
86) Perylene-d12	15.592	264	424489	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	960365	71.583	ng	0.02
7) Phenol-d6	6.510	99	1281682	66.183	ng	0.00
23) Nitrobenzene-d5	7.428	82	789163	45.834	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	232835	61.857	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1293413	47.236	ng	0.00
79) Terphenyl-d14	12.998	244	1115191	40.652	ng	0.00

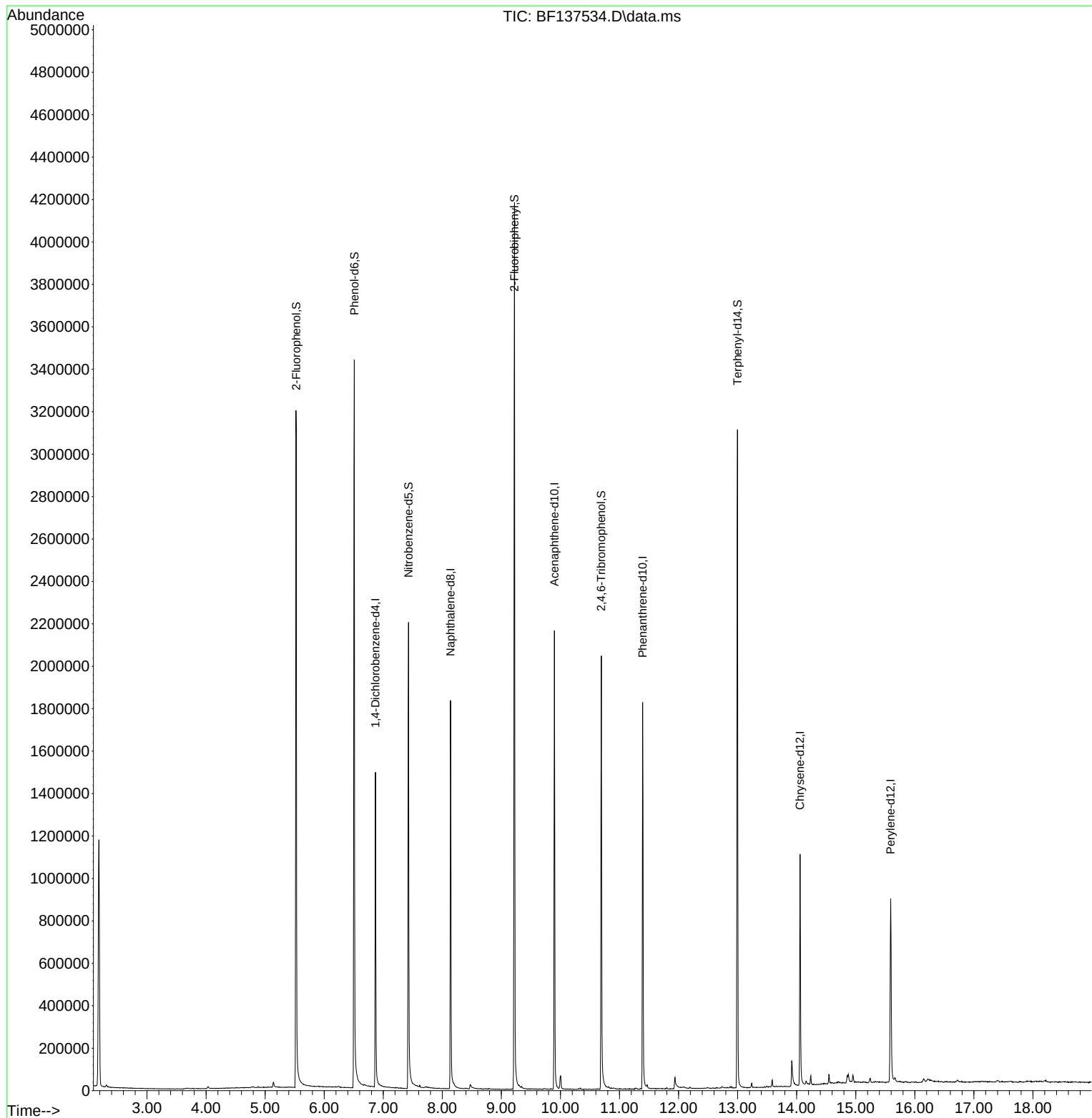
Target Compounds	Qvalue

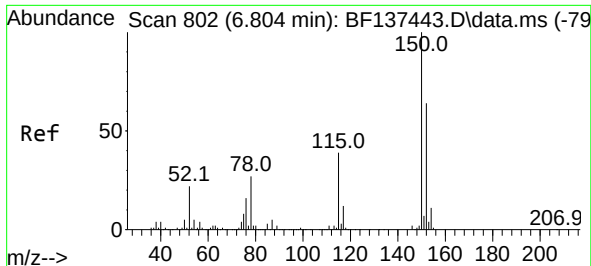
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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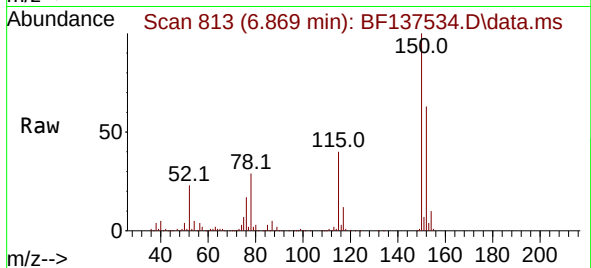
Quant Time: Mar 07 17:43:40 2024
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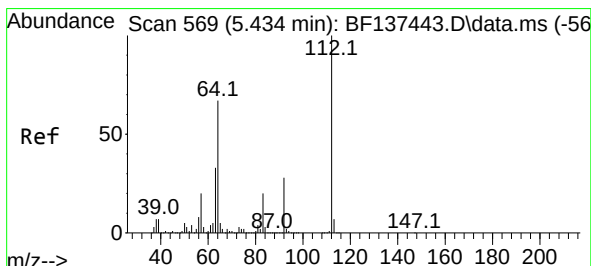
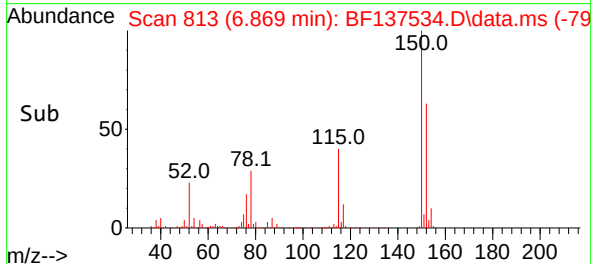
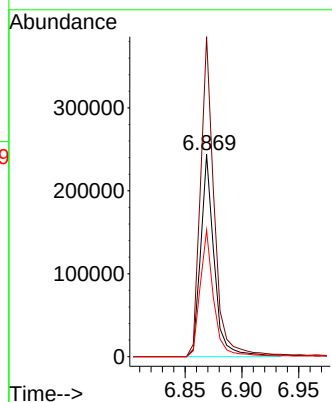


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Instrument :
BNA_F
ClientSampleId :
COMP-3

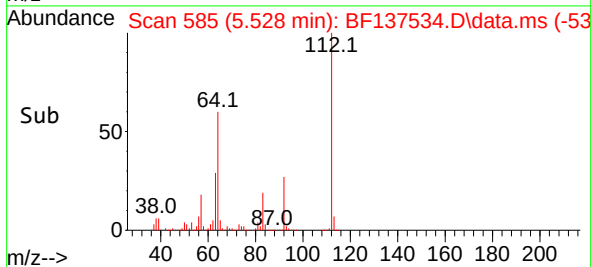
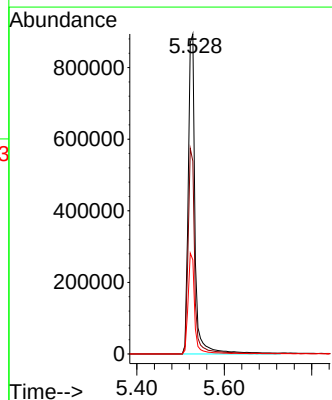
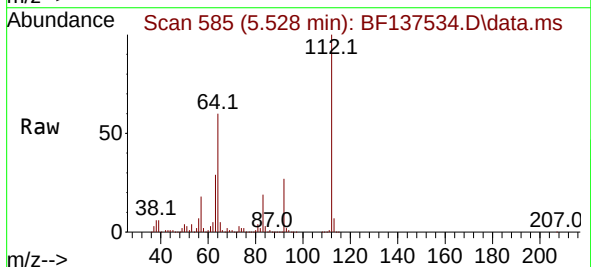


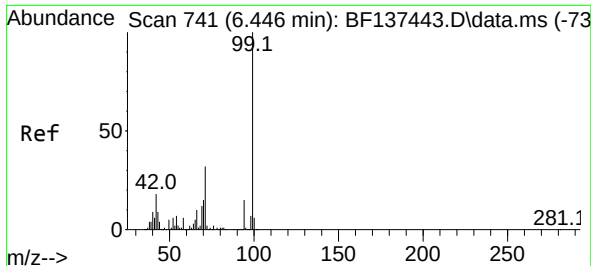
Tgt Ion:152 Resp: 203192
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 62.6 48.8 73.2



#5
2-Fluorophenol
Concen: 71.583 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion:112 Resp: 960365
Ion Ratio Lower Upper
112 100
64 60.2 53.4 80.2
63 29.4 26.2 39.2

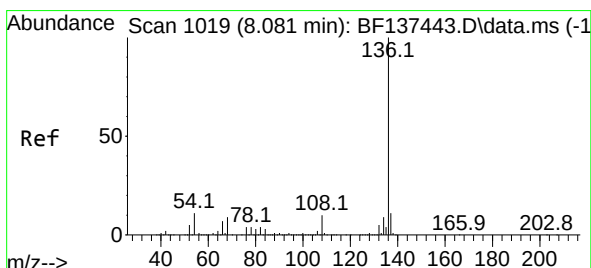
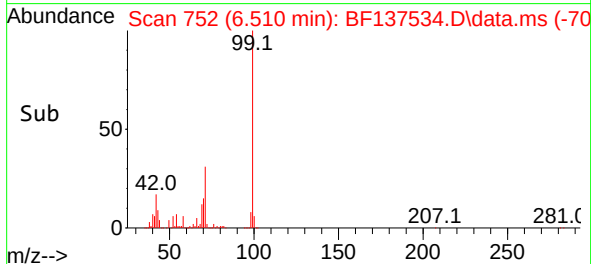
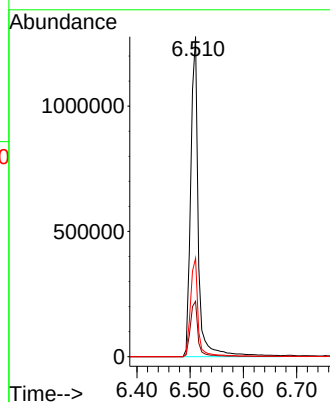
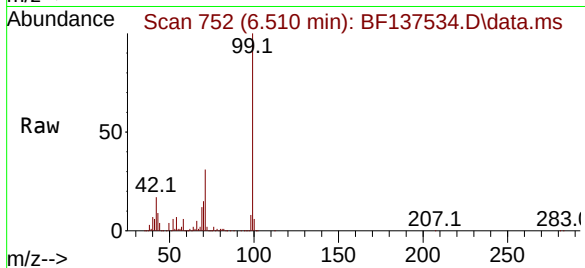




#7
Phenol-d6
Concen: 66.183 ng
RT: 6.510 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

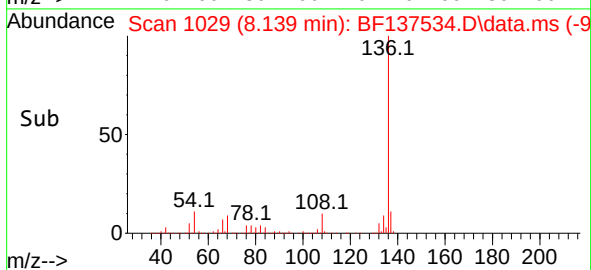
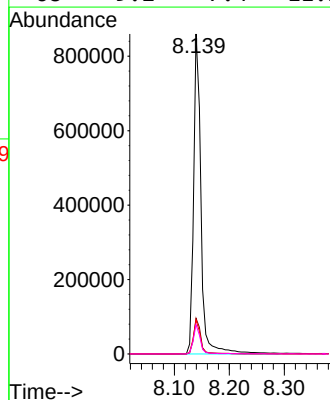
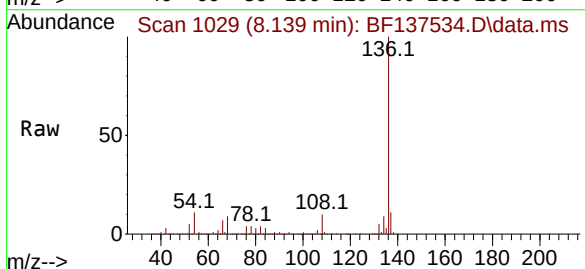
Instrument :
BNA_F
ClientSampleId :
COMP-3

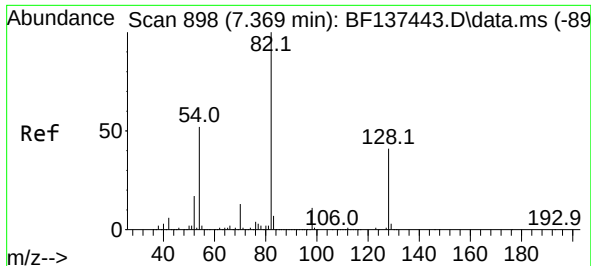
Tgt Ion: 99 Resp: 1281682
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 30.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

Tgt Ion: 136 Resp: 800020
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.6 8.5 12.7
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 45.834 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

Instrument :

BNA_F

ClientSampleId :

COMP-3

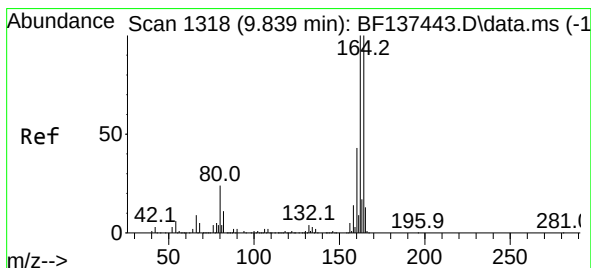
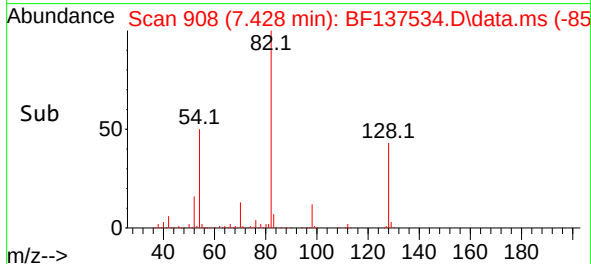
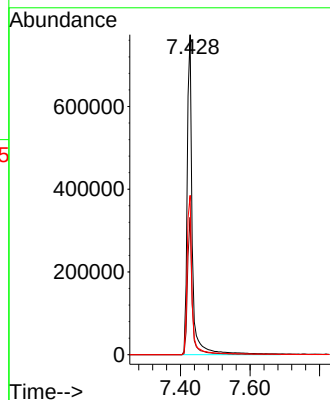
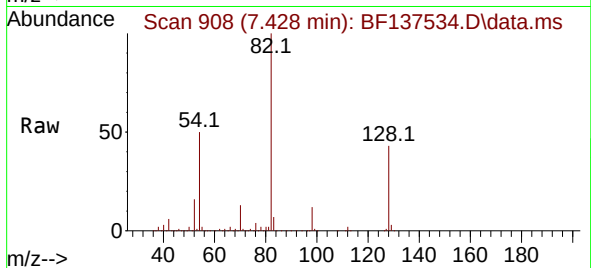
Tgt Ion: 82 Resp: 789163

Ion Ratio Lower Upper

82 100

128 42.9 32.5 48.7

54 49.8 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

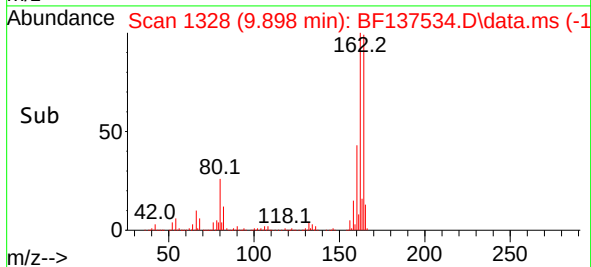
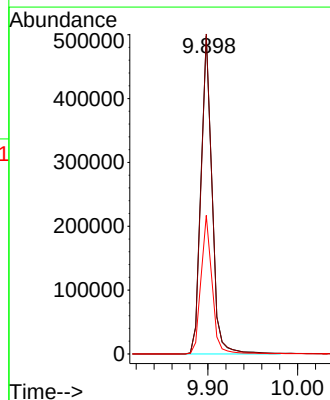
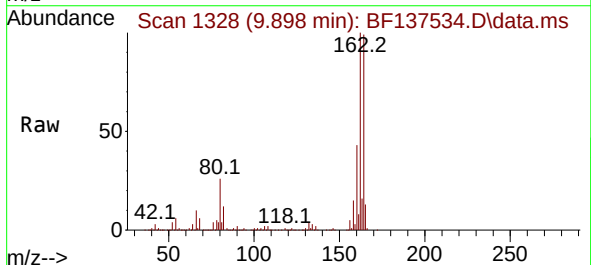
Tgt Ion: 164 Resp: 428629

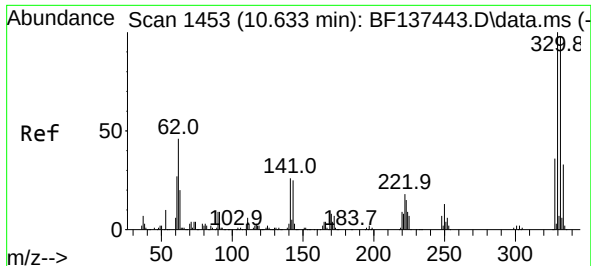
Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.8

160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 61.857 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

Instrument :

BNA_F

ClientSampleId :

COMP-3

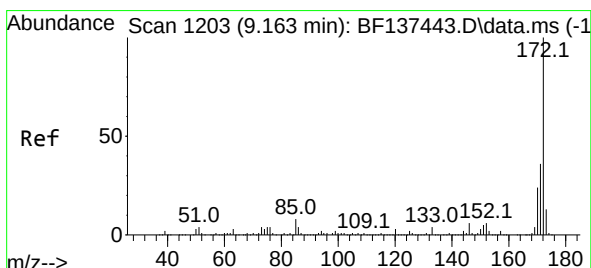
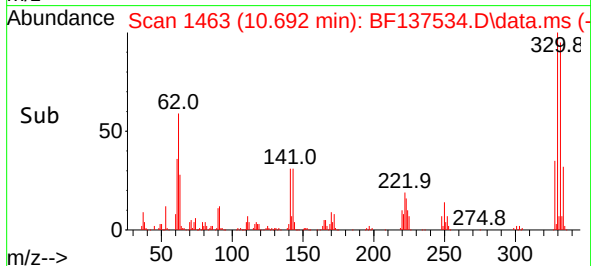
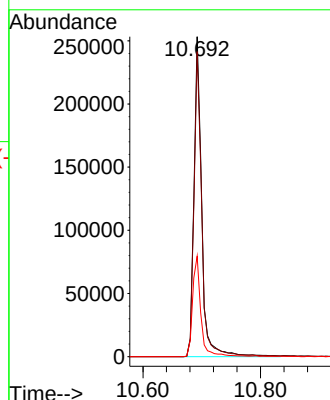
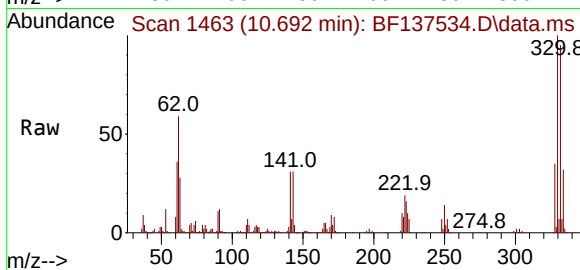
Tgt Ion:330 Resp: 232835

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

141 33.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 47.236 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF137534.D

Acq: 07 Mar 2024 17:18

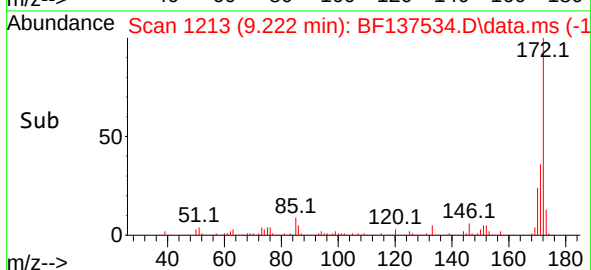
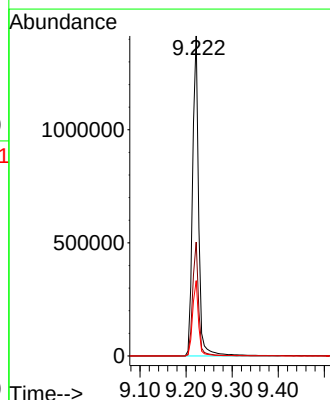
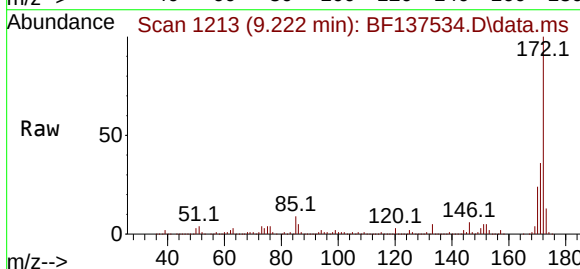
Tgt Ion:172 Resp: 1293413

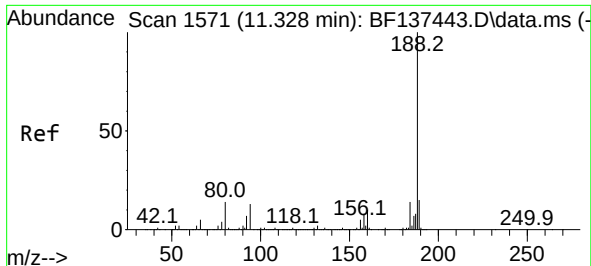
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.5 19.0 28.6

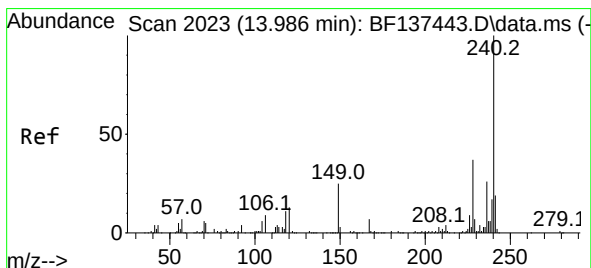
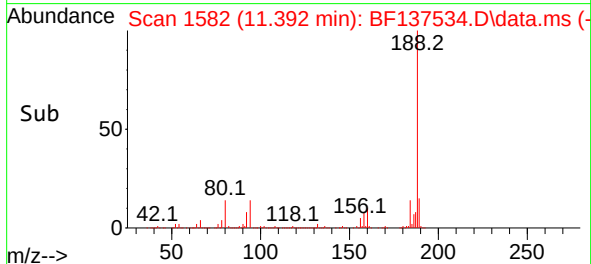
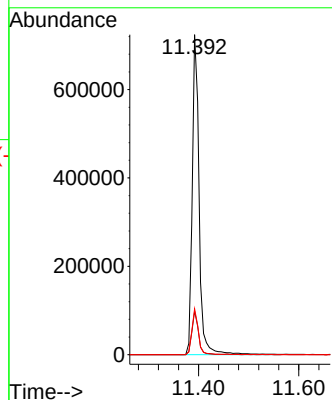
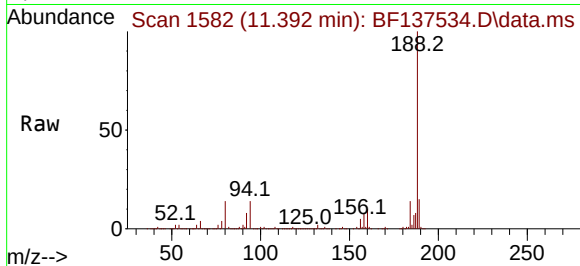




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

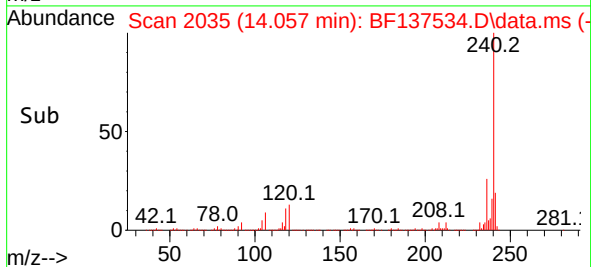
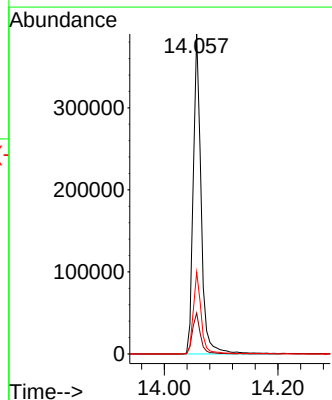
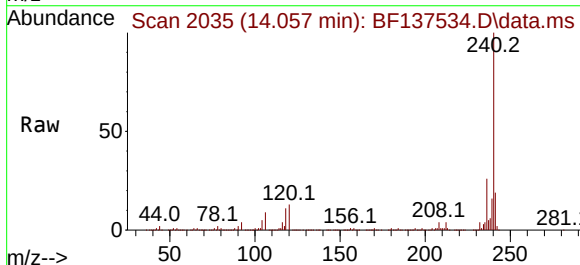
Instrument :
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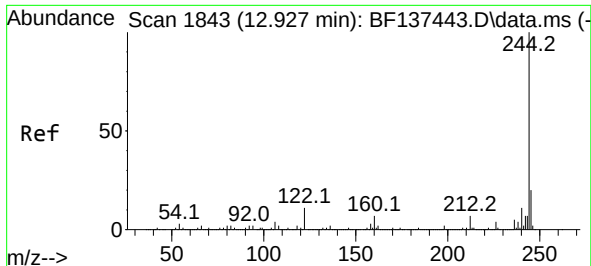
Tgt Ion:188 Resp: 687968
Ion Ratio Lower Upper
188 100
94 13.6 10.6 15.8
80 14.4 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF137534.D
Acq: 07 Mar 2024 17:18

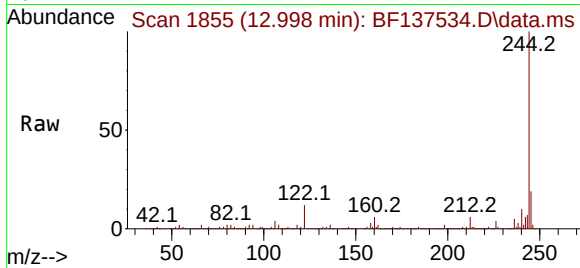
Tgt Ion:240 Resp: 377231
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 25.6 20.9 31.3



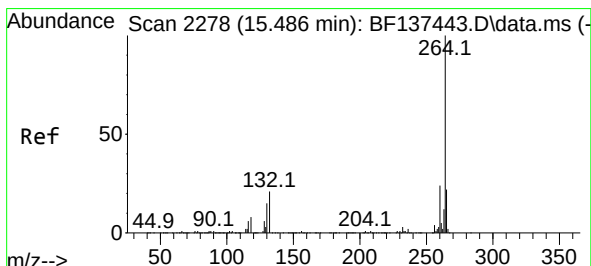
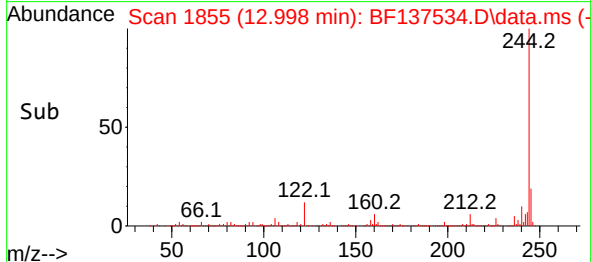
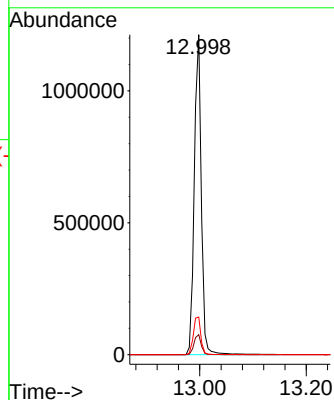


#79
 Terphenyl-d14
 Concen: 40.652 ng
 RT: 12.998 min Scan# 1115191
 Delta R.T. 0.006 min
 Lab File: BF137534.D
 Acq: 07 Mar 2024 17:18

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:244 Resp: 1115191
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 11.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.024 min
 Lab File: BF137534.D
 Acq: 07 Mar 2024 17:18

Tgt Ion:264 Resp: 424489
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.6 17.4 26.0

