

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137064.D
 Acq On : 15 Jan 2024 15:41
 Operator : CG\JU
 Sample : P1132-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027

Quant Time: Jan 15 16:10:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

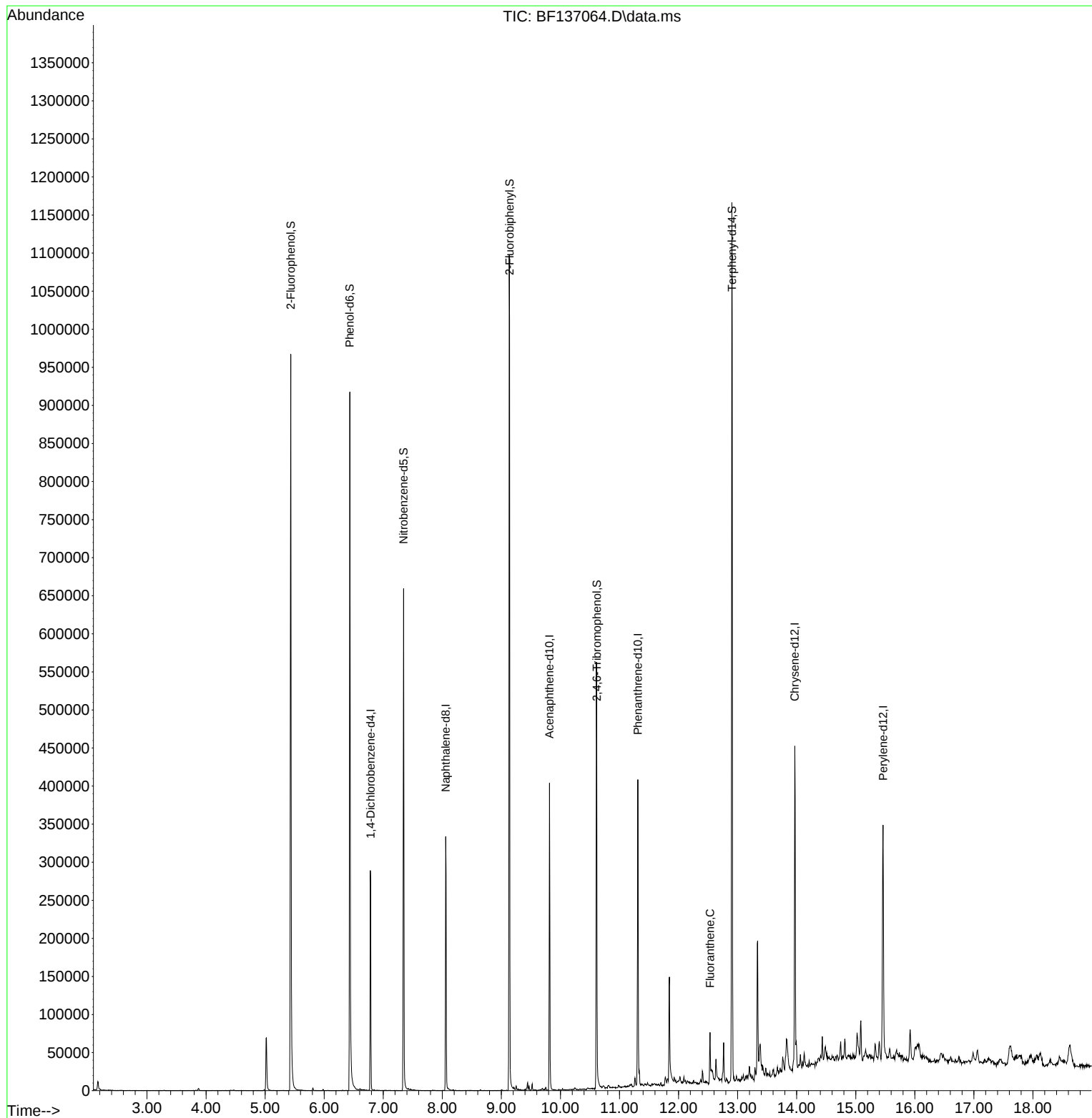
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	43775	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	152880	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	71927	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	140061	20.000	ng	0.00
76) Chrysene-d12	13.968	240	139265	20.000	ng	0.00
86) Perylene-d12	15.462	264	143215	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	262748	93.652	ng	0.00
7) Phenol-d6	6.434	99	293504	80.736	ng	0.00
23) Nitrobenzene-d5	7.345	82	185901	62.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	72252	85.293	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	356236	66.614	ng	-0.01
79) Terphenyl-d14	12.904	244	416233	41.767	ng	-0.01
Target Compounds						
75) Fluoranthene	12.533	202	20974	2.728	ng	Qvalue 98

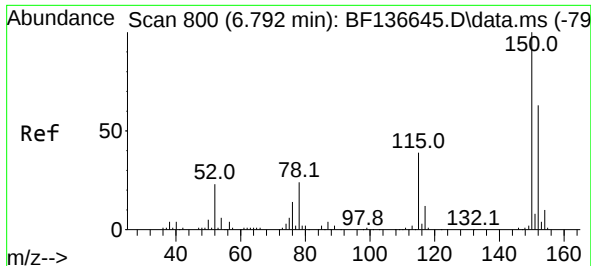
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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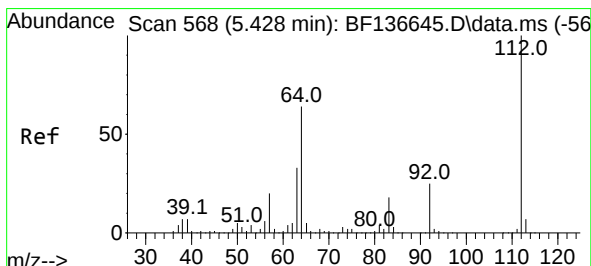
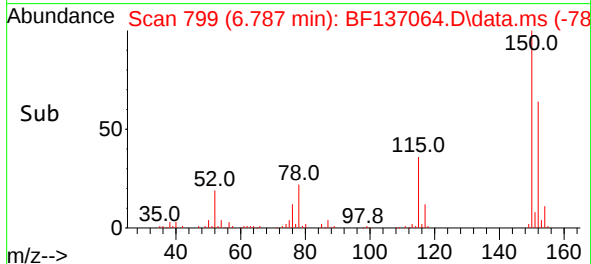
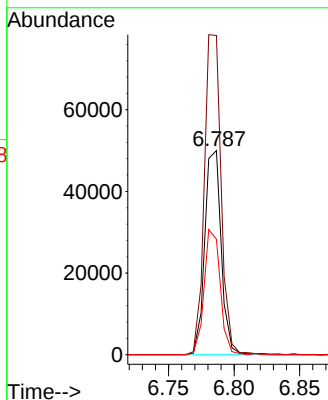
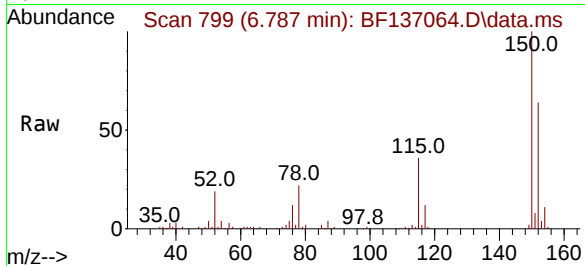




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

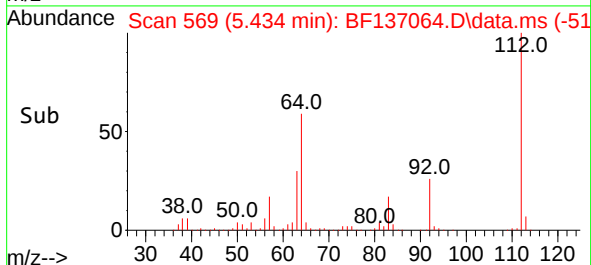
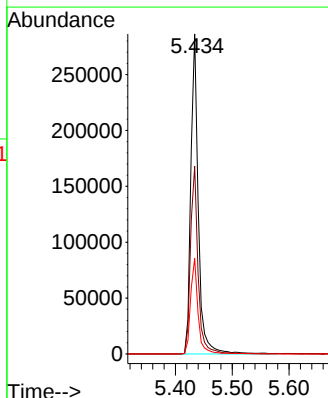
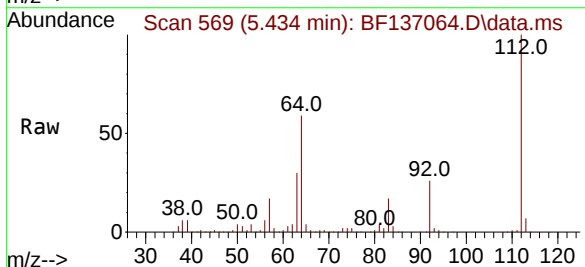
Instrument :
BNA_F
ClientSampleId :
RBR200027

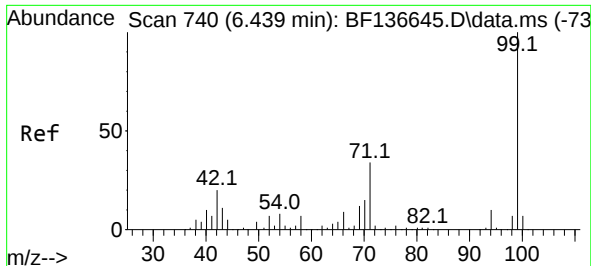
Tgt Ion:152 Resp: 43775
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 56.5 49.0 73.4



#5
2-Fluorophenol
Concen: 93.652 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:112 Resp: 262748
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 29.9 26.1 39.1

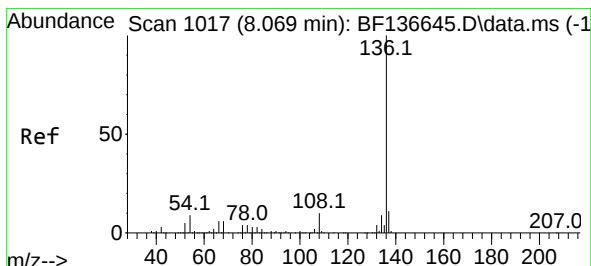
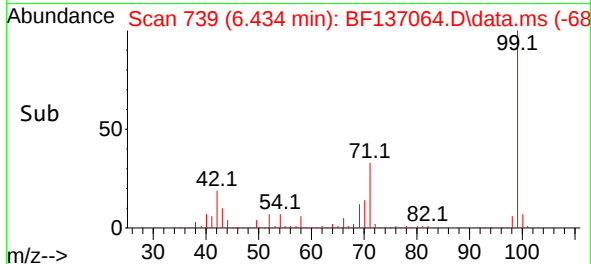
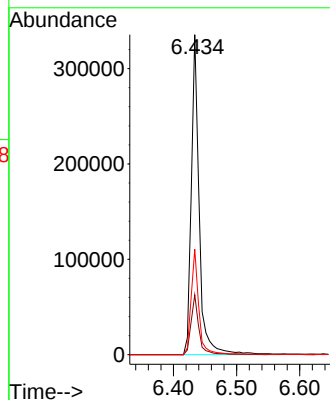
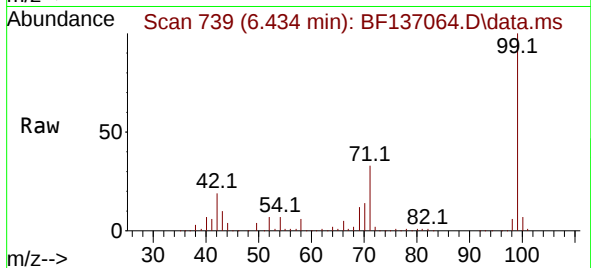




#7
Phenol-d6
Concen: 80.736 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

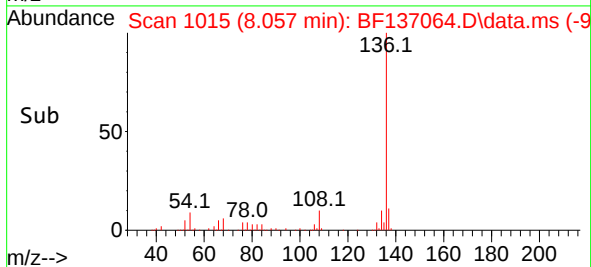
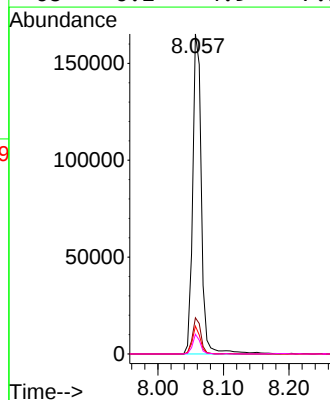
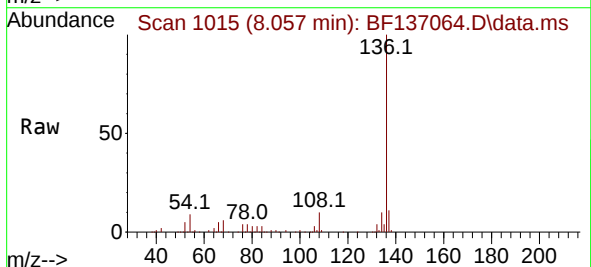
Instrument :
BNA_F
ClientSampleId :
RBR200027

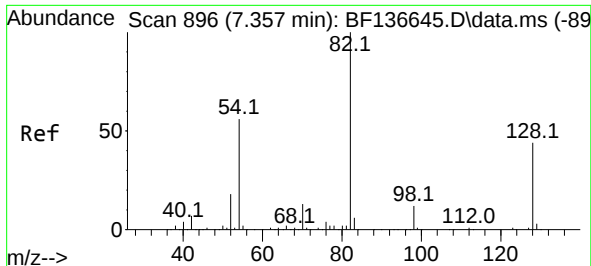
Tgt Ion: 99 Resp: 293504
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.9 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion: 136 Resp: 152880
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.7 7.2 10.8
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 62.224 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

Instrument :

BNA_F

ClientSampleId :

RBR200027

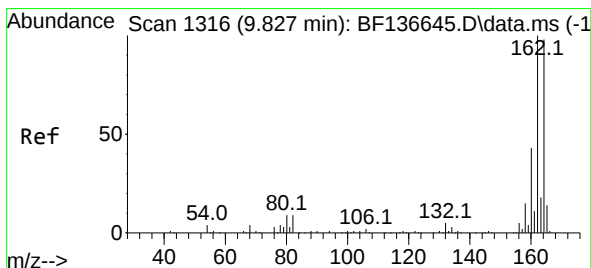
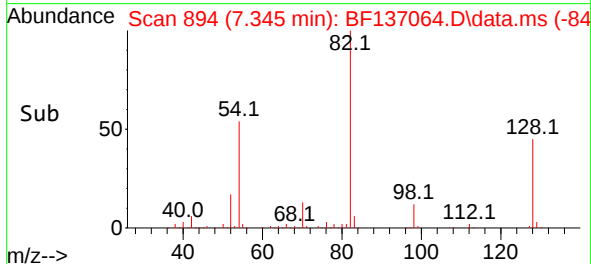
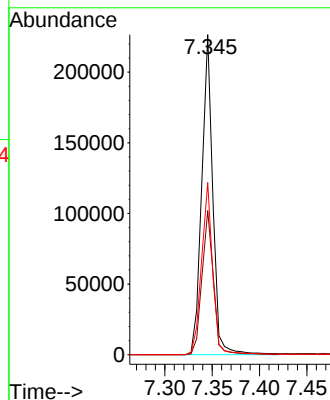
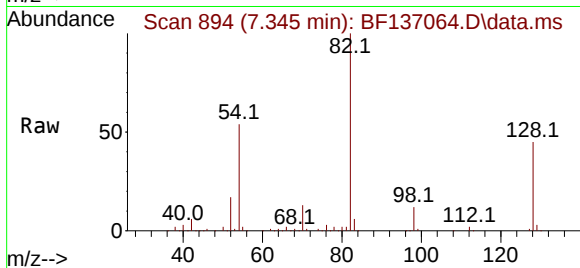
Tgt Ion: 82 Resp: 185901

Ion Ratio Lower Upper

82 100

128 45.1 35.3 52.9

54 53.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

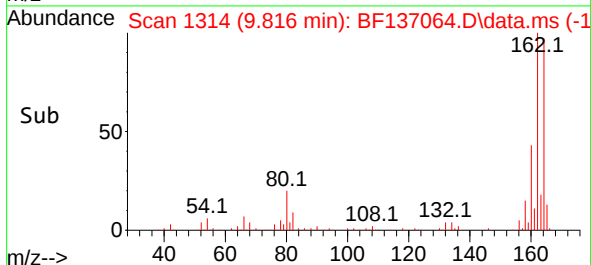
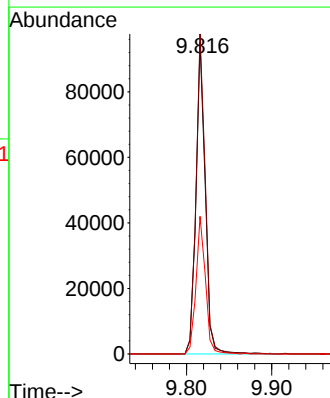
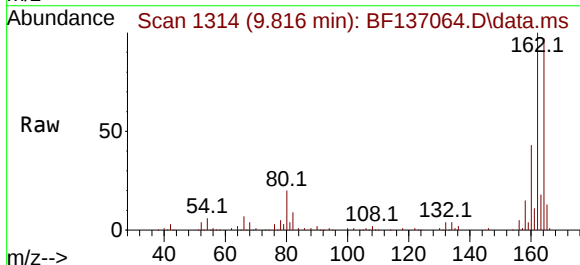
Tgt Ion:164 Resp: 71927

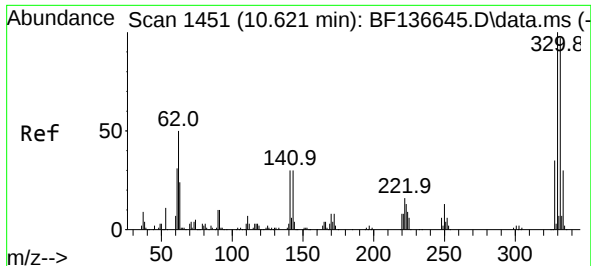
Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

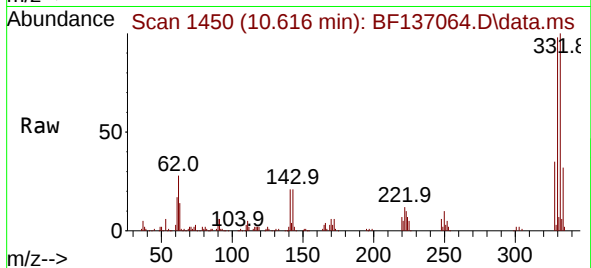
160 44.1 34.9 52.3



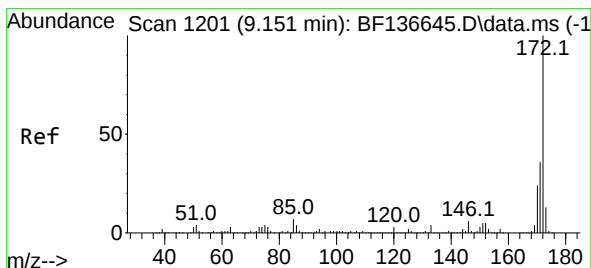
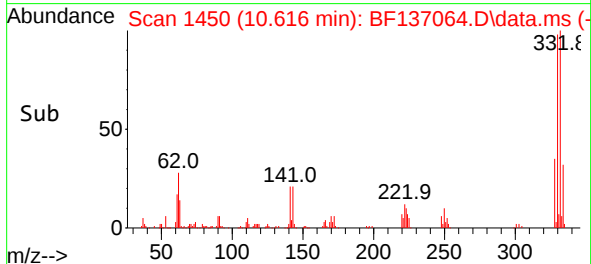
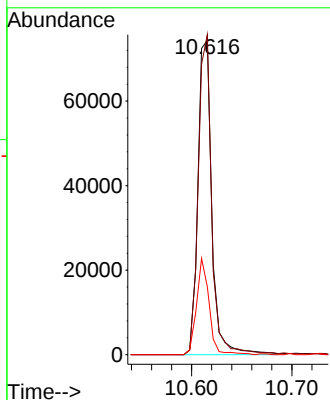


#42
2,4,6-Tribromophenol
Concen: 85.293 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Instrument :
BNA_F
ClientSampleId :
RBR200027

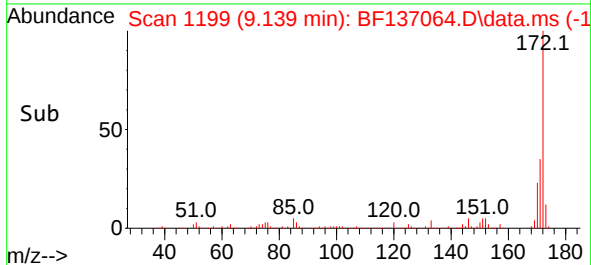
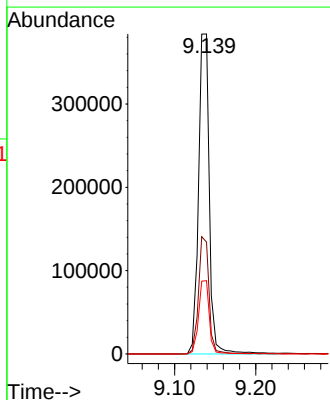
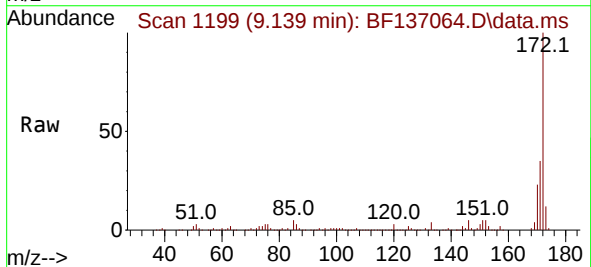


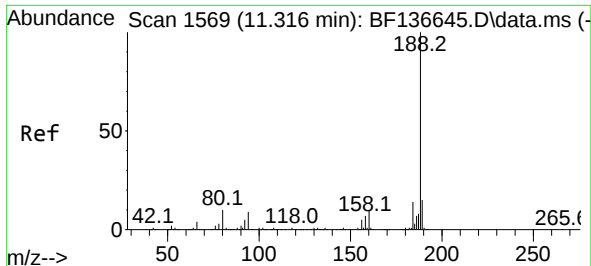
Tgt Ion:330 Resp: 72252
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.0
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 66.614 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:172 Resp: 356236
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 22.9 19.0 28.4

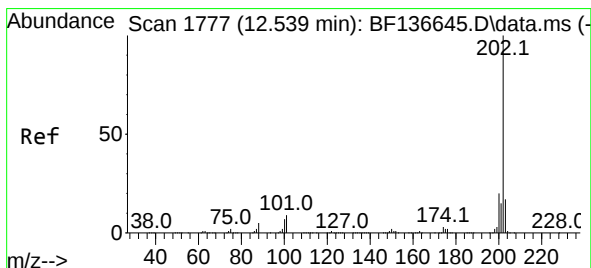
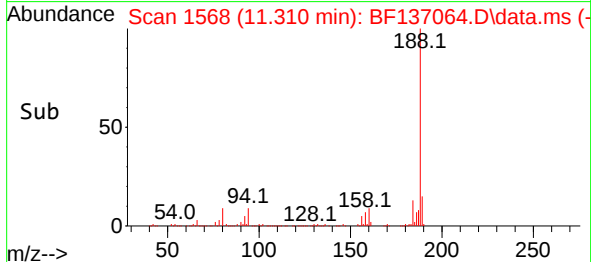
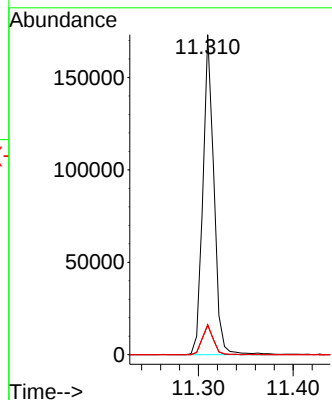
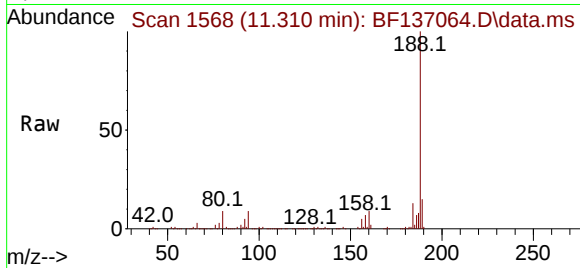




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

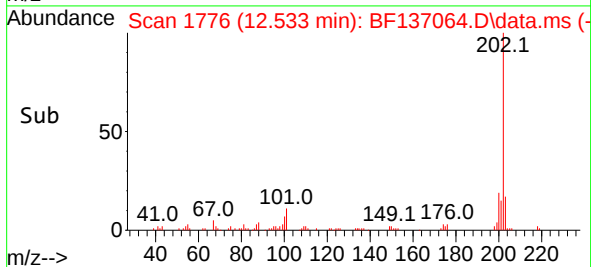
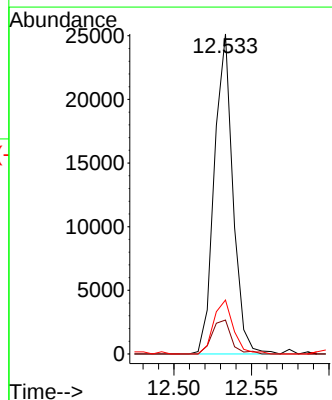
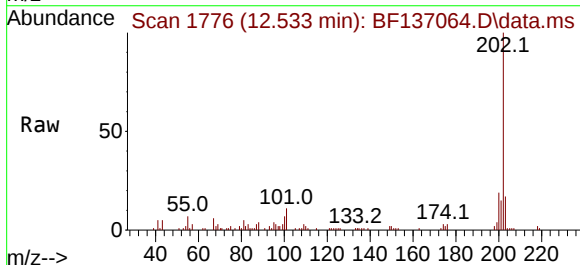
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BNA_F
ClientSampleId :
RBR200027

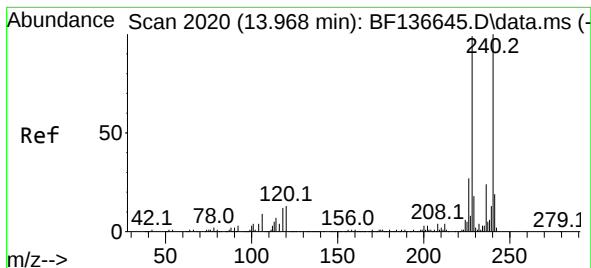
Tgt Ion:188 Resp: 140061
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.4 8.1 12.1



#75
Fluoranthene
Concen: 2.728 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

Tgt Ion:202 Resp: 20974
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.3
203 16.8 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

Instrument :

BNA_F

ClientSampleId :

RBR200027

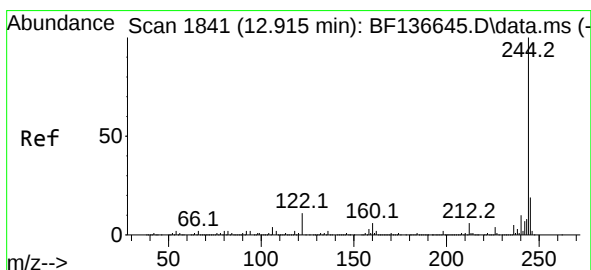
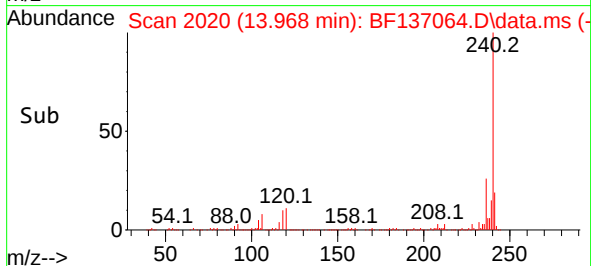
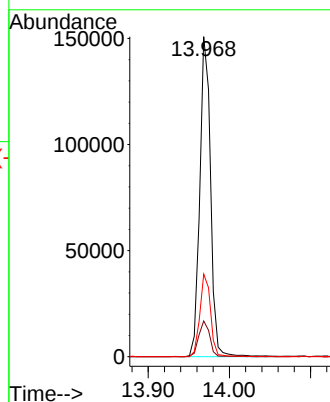
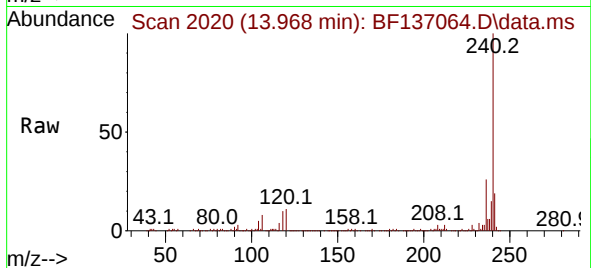
Tgt Ion:240 Resp: 139265

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 25.8 19.4 29.2



#79

Terphenyl-d14

Concen: 41.767 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137064.D

Acq: 15 Jan 2024 15:41

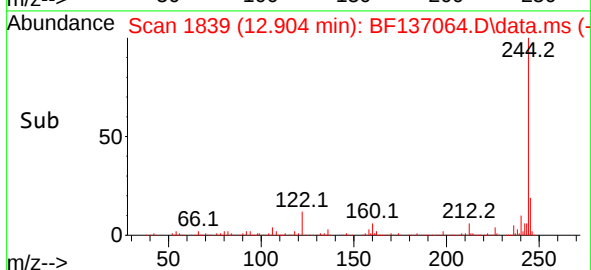
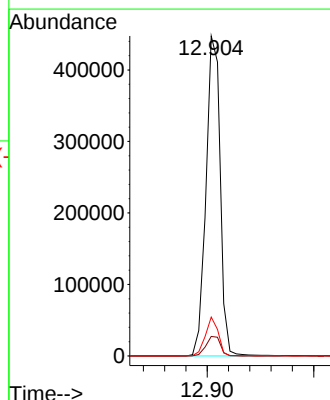
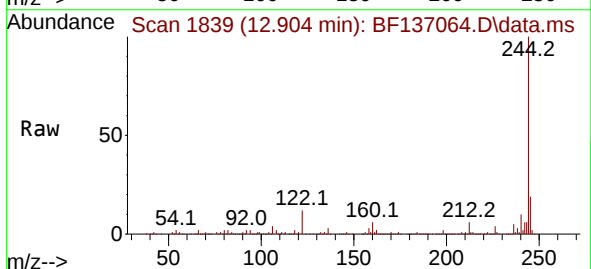
Tgt Ion:244 Resp: 416233

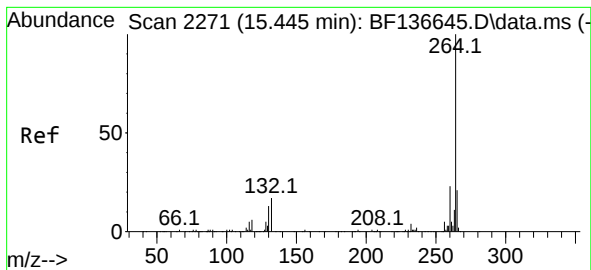
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

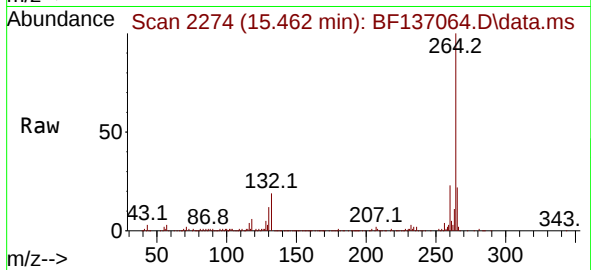
122 12.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137064.D
Acq: 15 Jan 2024 15:41

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Tgt Ion:264 Resp: 143215

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.0	17.0	25.6

