

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138453.D
Acq On : 03 Jul 2024 18:38
Operator : CG\JU
Sample : P3135-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

Quant Time: Jul 03 19:06:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	110931	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403185	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	168784	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	240144	20.000	ng	0.00
76) Chrysene-d12	14.027	240	191128	20.000	ng	0.00
86) Perylene-d12	15.498	264	135405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	642390	96.010	ng	0.00
7) Phenol-d6	6.504	99	813566	90.264	ng	-0.01
23) Nitrobenzene-d5	7.434	82	515911	66.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	118191	85.709	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	787318	74.236	ng	0.00
79) Terphenyl-d14	12.974	244	707287	50.714	ng	0.00

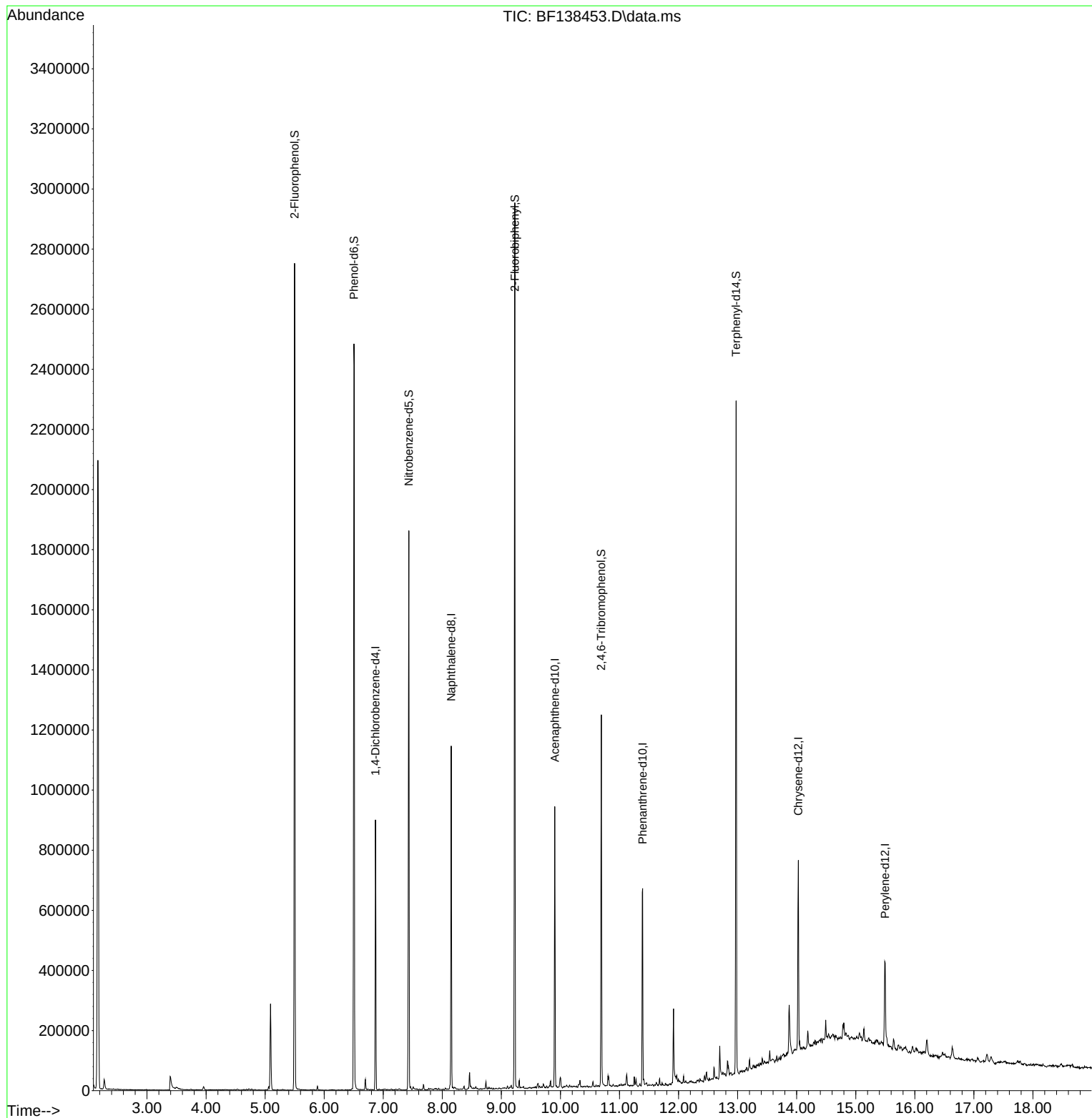
Target Compounds	Qvalue

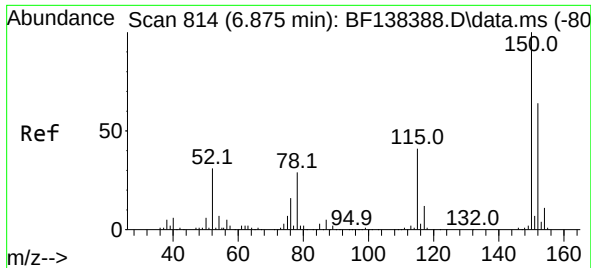
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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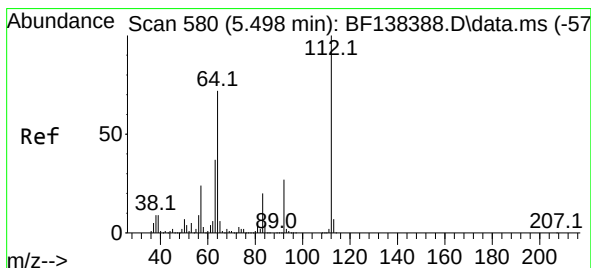
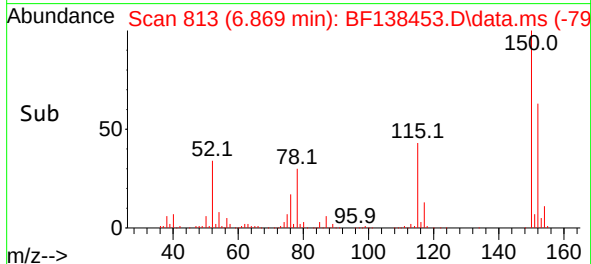
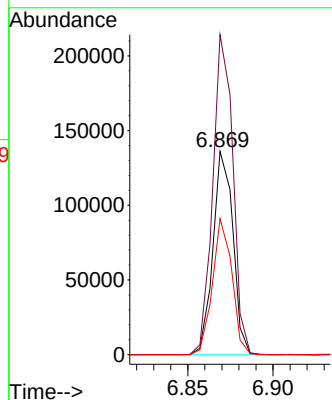
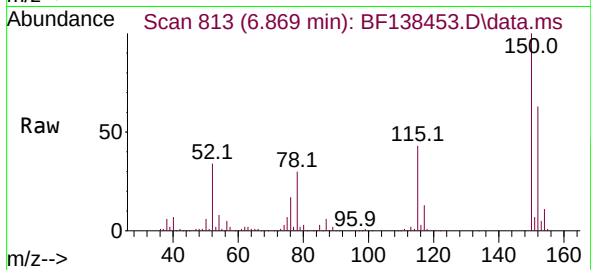




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF138453.D
 Acq: 03 Jul 2024 18:38

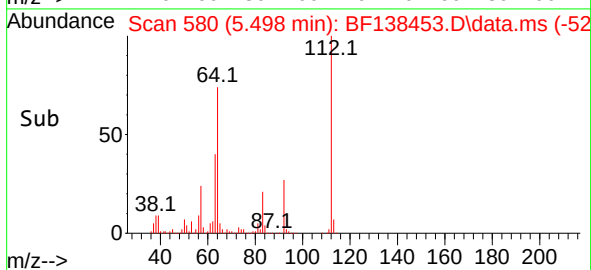
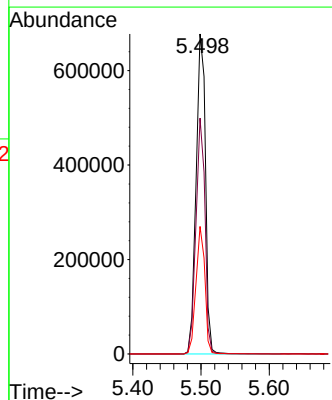
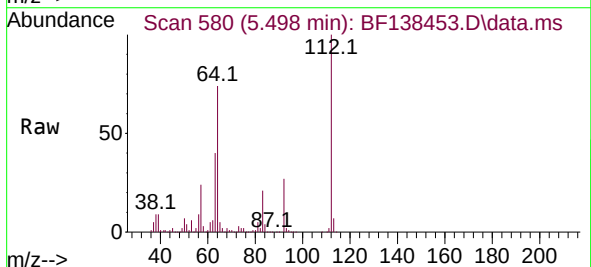
Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-01

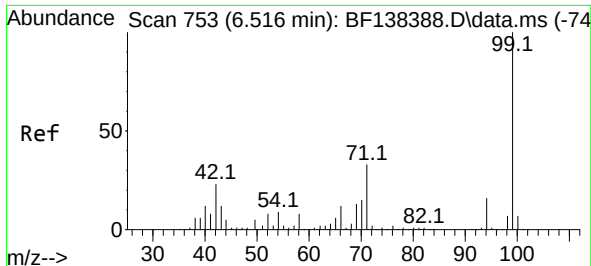
Tgt Ion:152 Resp: 110931
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.9 187.3
 115 67.0 50.8 76.2



#5
 2-Fluorophenol
 Concen: 96.010 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.000 min
 Lab File: BF138453.D
 Acq: 03 Jul 2024 18:38

Tgt Ion:112 Resp: 642390
 Ion Ratio Lower Upper
 112 100
 64 73.7 57.2 85.8
 63 39.9 29.4 44.0

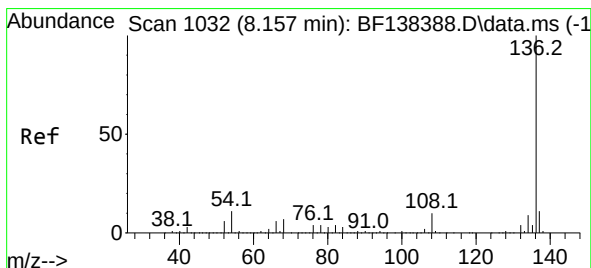
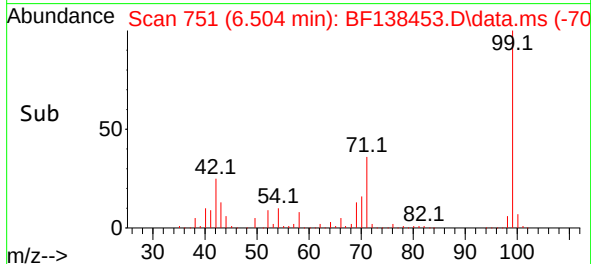
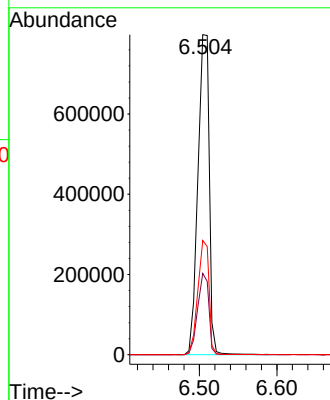
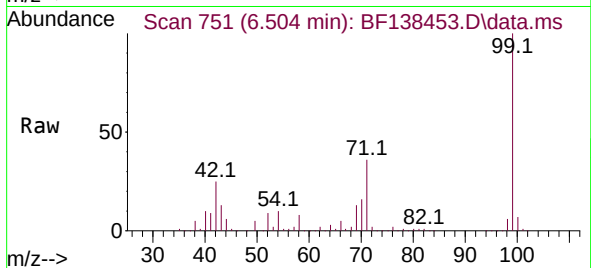




#7
Phenol-d6
Concen: 90.264 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

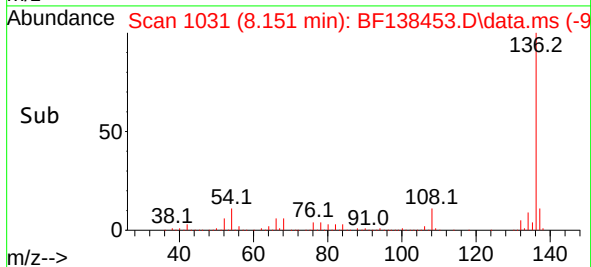
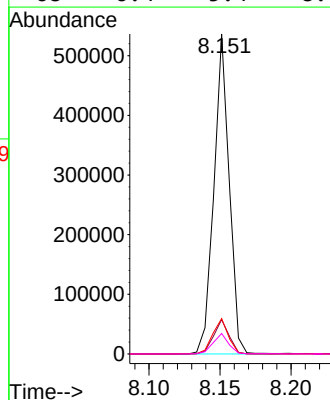
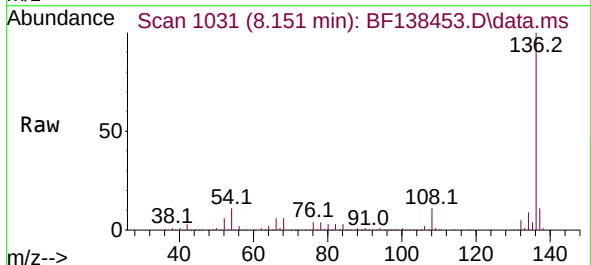
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-01

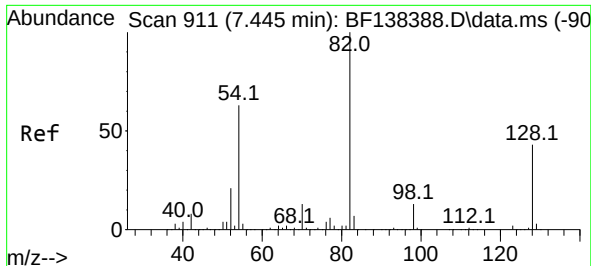
Tgt Ion: 99 Resp: 813566
Ion Ratio Lower Upper
99 100
42 25.4 18.5 27.7
71 35.7 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

Tgt Ion: 136 Resp: 403185
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.0 9.0 13.4
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.472 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01

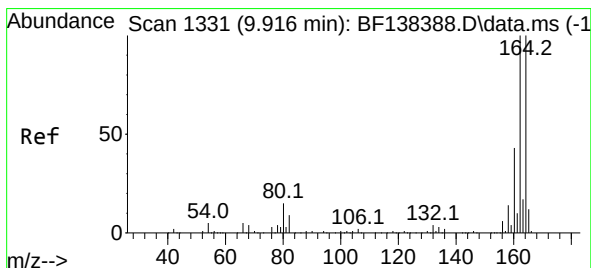
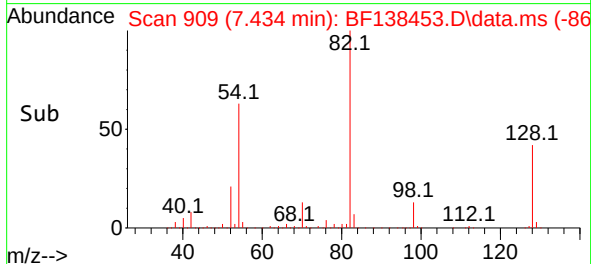
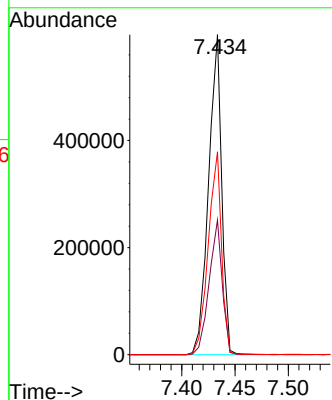
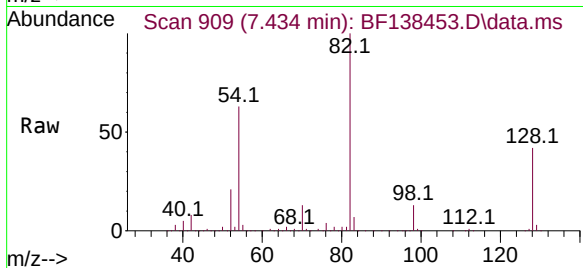
Tgt Ion: 82 Resp: 515911

Ion Ratio Lower Upper

82 100

128 42.1 34.6 52.0

54 63.4 50.5 75.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

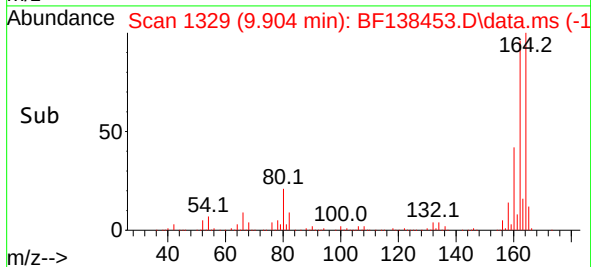
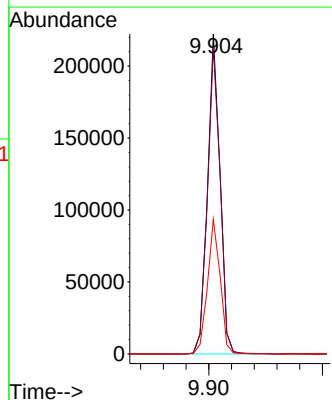
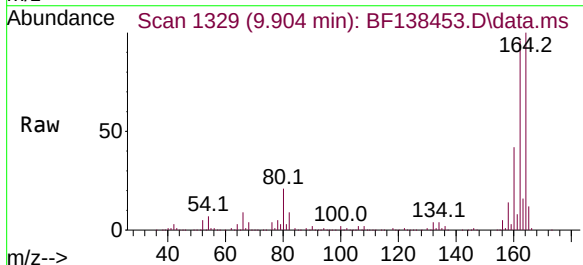
Tgt Ion:164 Resp: 168784

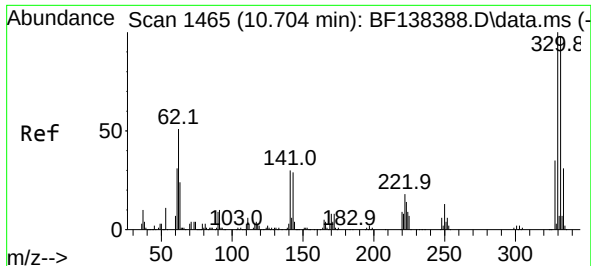
Ion Ratio Lower Upper

164 100

162 95.9 80.1 120.1

160 42.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 85.709 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138453.D

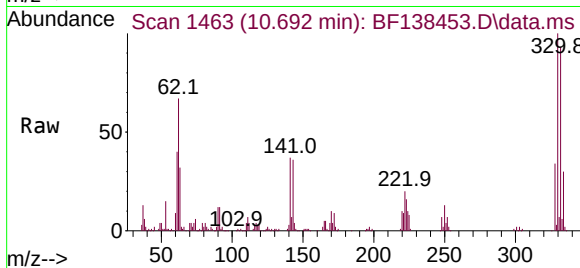
Acq: 03 Jul 2024 18:38

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-01



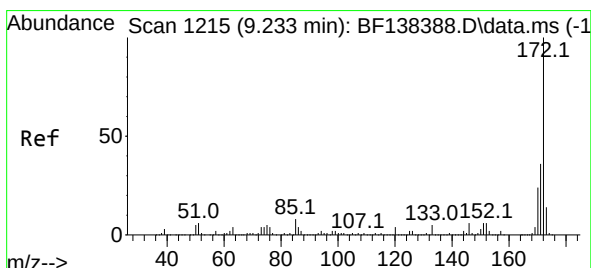
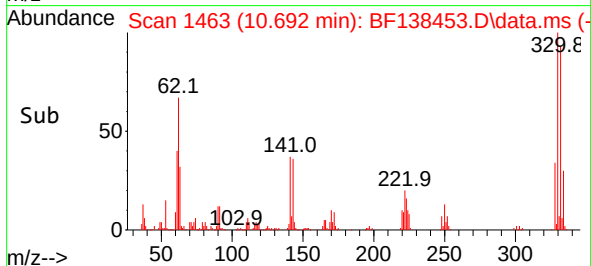
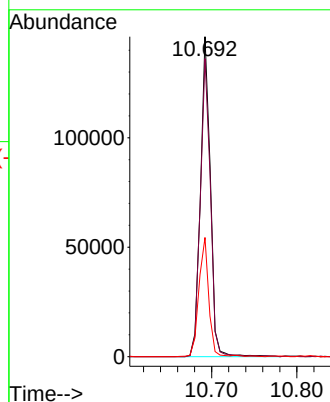
Tgt Ion:330 Resp: 118191

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 37.6 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 74.236 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138453.D

Acq: 03 Jul 2024 18:38

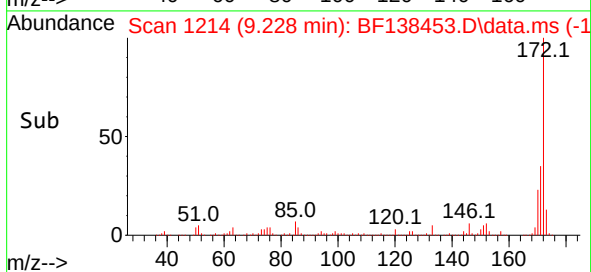
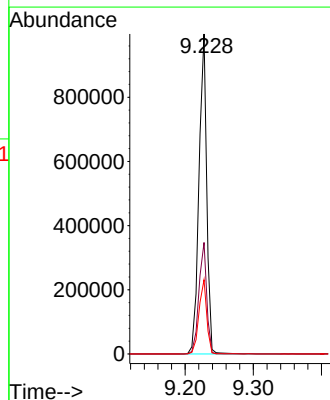
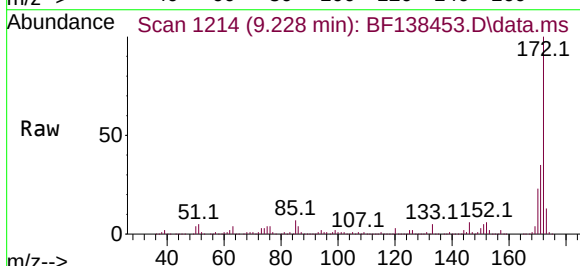
Tgt Ion:172 Resp: 787318

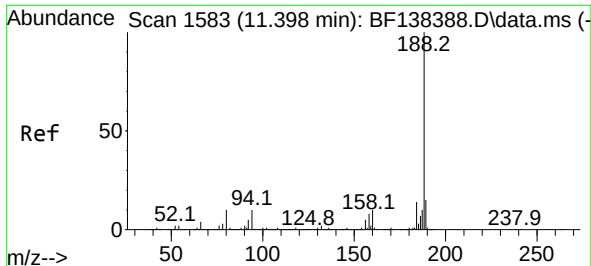
Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.4

170 23.2 19.0 28.6

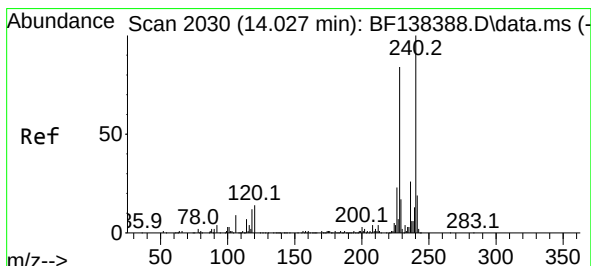
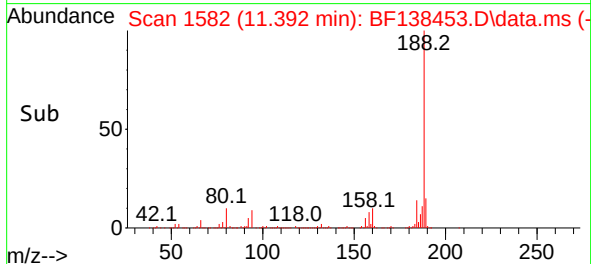
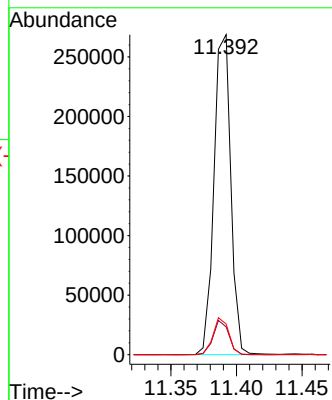
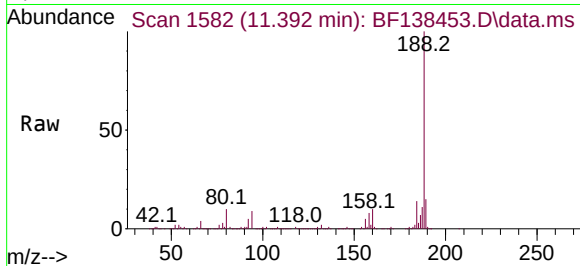




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

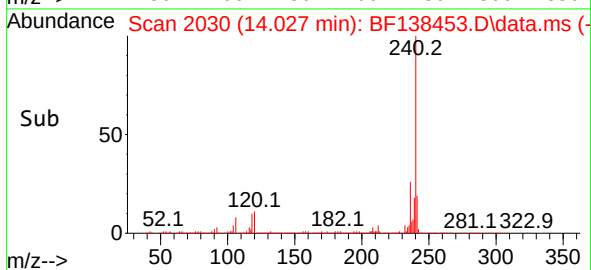
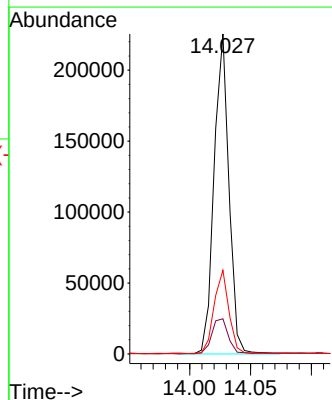
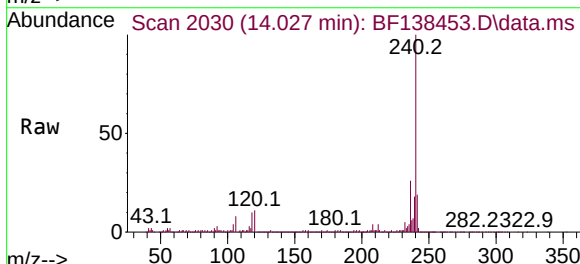
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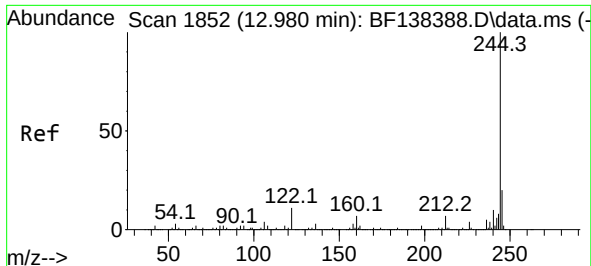
Tgt Ion:188 Resp: 240144
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138453.D
Acq: 03 Jul 2024 18:38

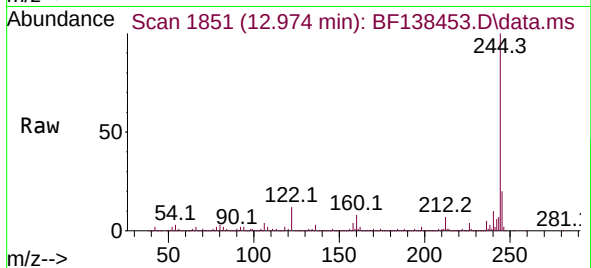
Tgt Ion:240 Resp: 191128
Ion Ratio Lower Upper
240 100
120 11.0 10.9 16.3
236 26.1 20.6 30.8



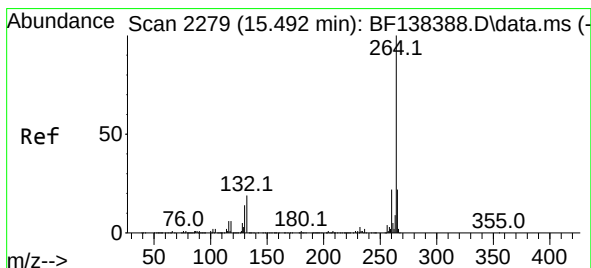
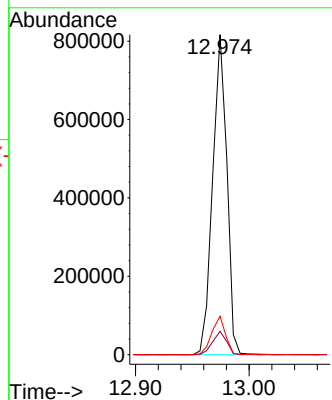
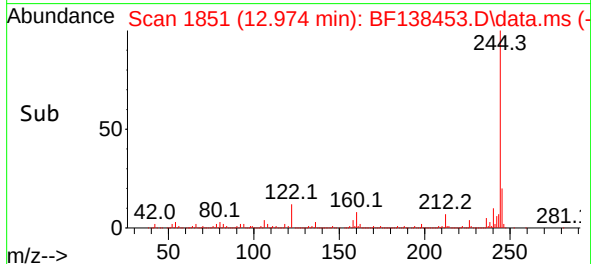


#79
 Terphenyl-d14
 Concen: 50.714 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138453.D
 Acq: 03 Jul 2024 18:38

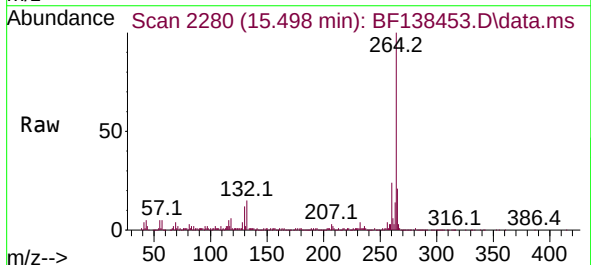
Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-01



Tgt Ion:244 Resp: 707287
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF138453.D
 Acq: 03 Jul 2024 18:38



Tgt Ion:264 Resp: 135405
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.1 17.5 26.3

