

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138472.D
 Acq On : 05 Jul 2024 17:04
 Operator : CG\JU
 Sample : P3135-07RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-02RE

Quant Time: Jul 05 17:24:53 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	56626	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	221593	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	115221	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	176391	20.000	ng	0.00
76) Chrysene-d12	14.027	240	116449	20.000	ng	0.00
86) Perylene-d12	15.498	264	83443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	339395	99.371	ng	-0.01
7) Phenol-d6	6.504	99	444866	96.691	ng	-0.01
23) Nitrobenzene-d5	7.428	82	277318	65.011	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	83561	88.765	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	489254	67.577	ng	0.00
79) Terphenyl-d14	12.974	244	413179	48.625	ng	0.00

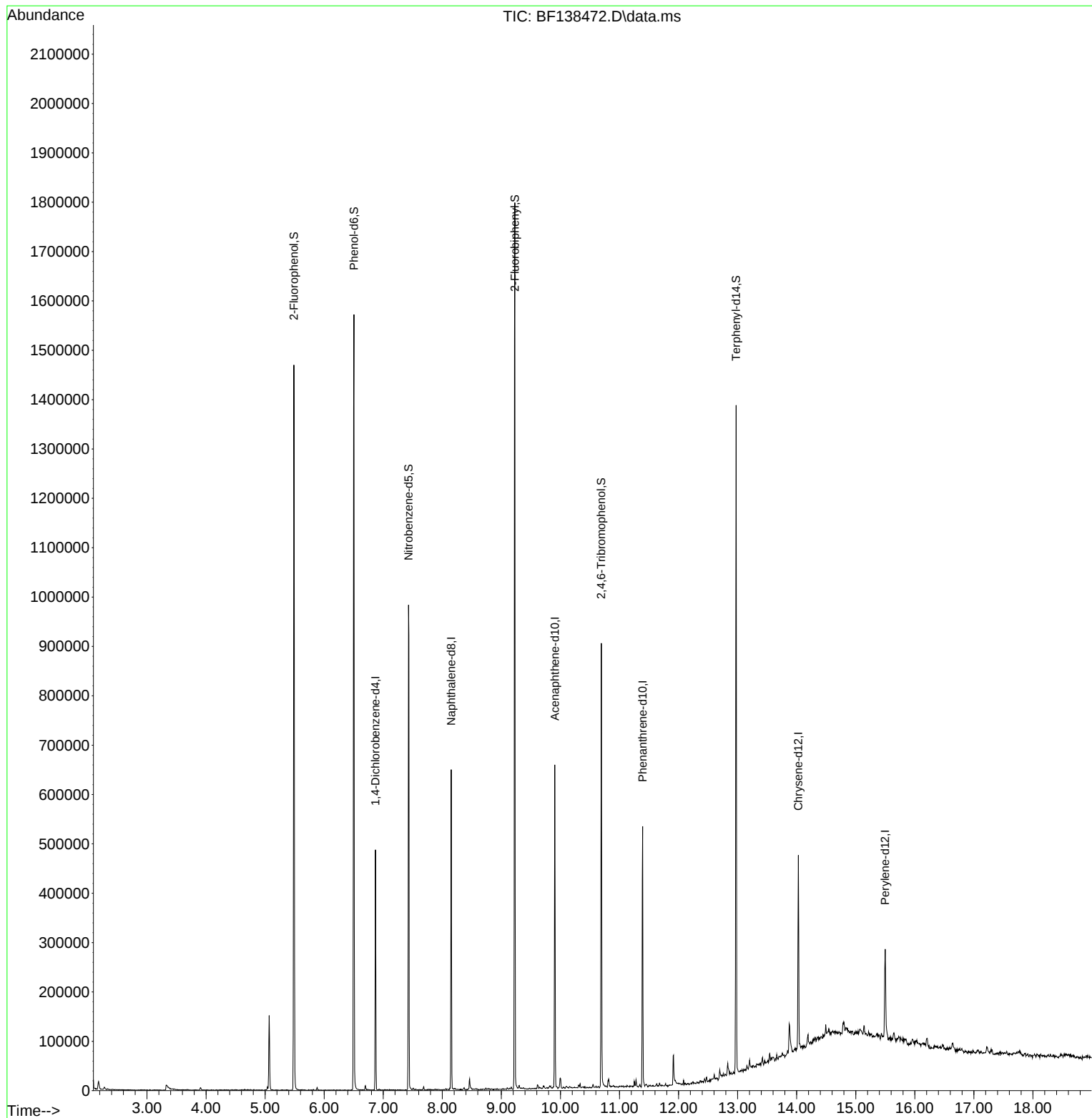
Target Compounds	Qvalue

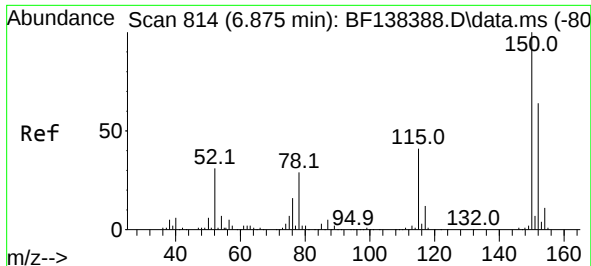
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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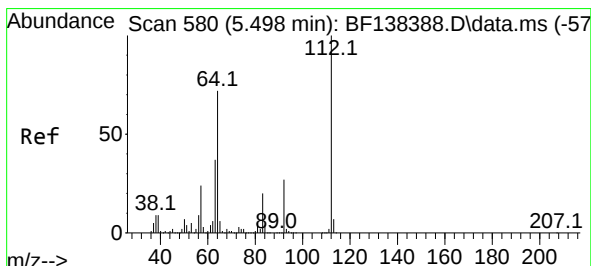
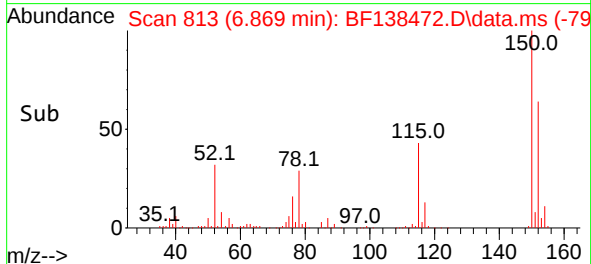
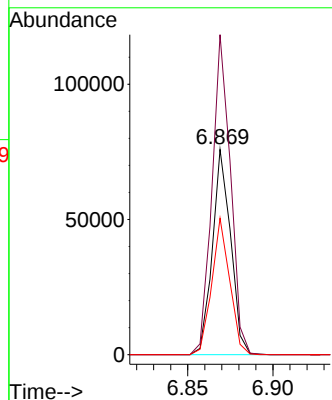
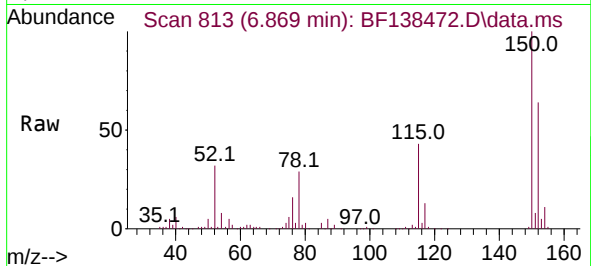




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

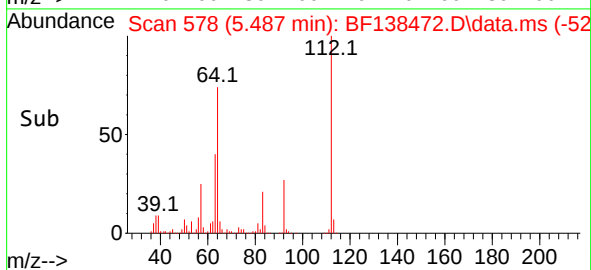
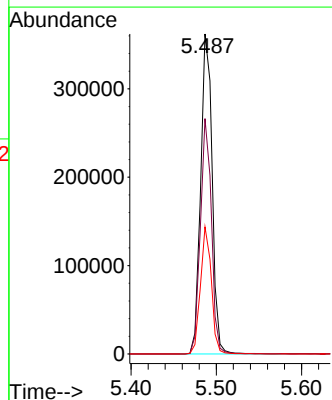
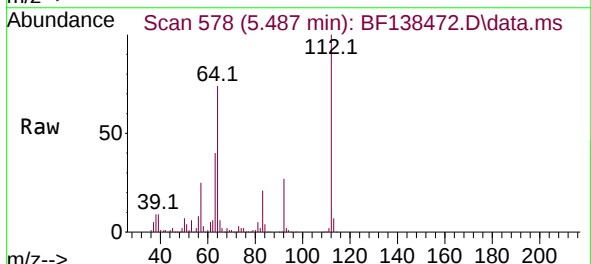
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

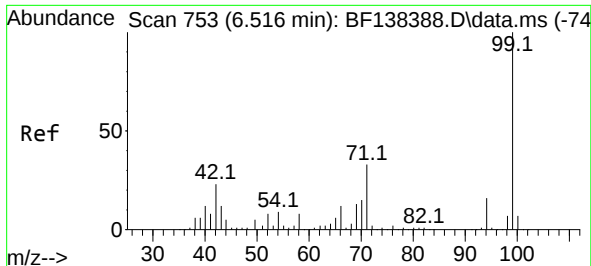
Tgt Ion:152 Resp: 56626
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 66.4 50.8 76.2



#5
2-Fluorophenol
Concen: 99.371 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion:112 Resp: 339395
Ion Ratio Lower Upper
112 100
64 73.5 57.2 85.8
63 39.7 29.4 44.0

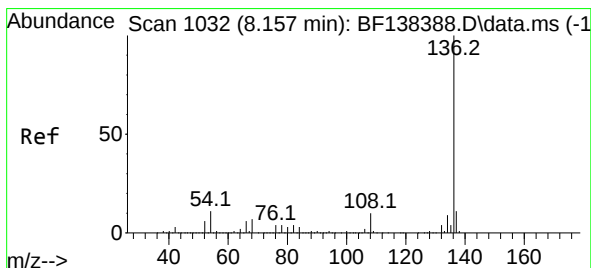
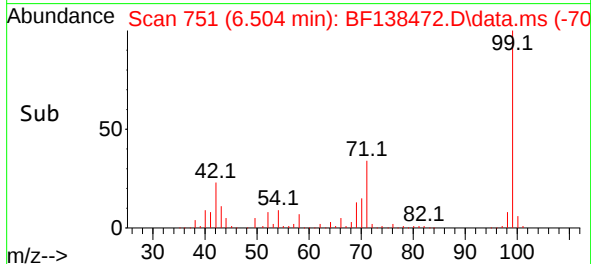
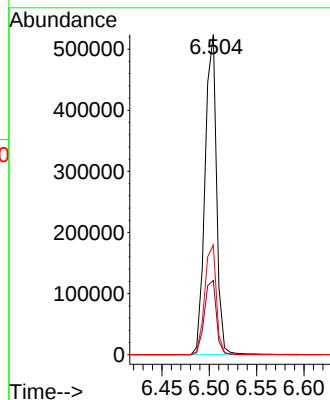
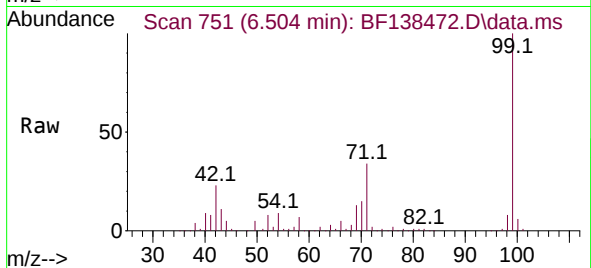




#7
Phenol-d6
Concen: 96.691 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

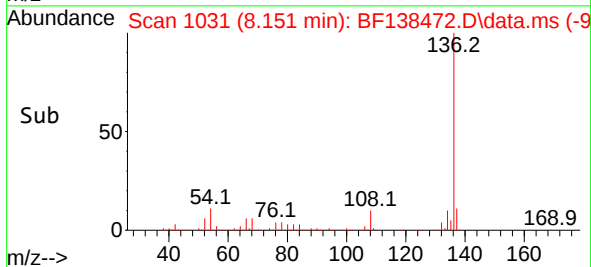
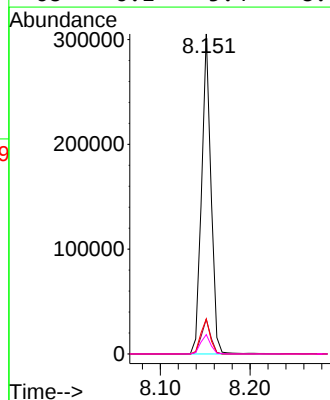
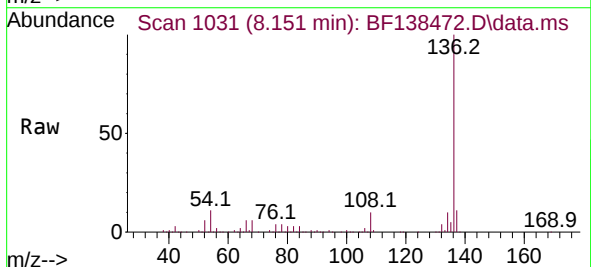
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02RE

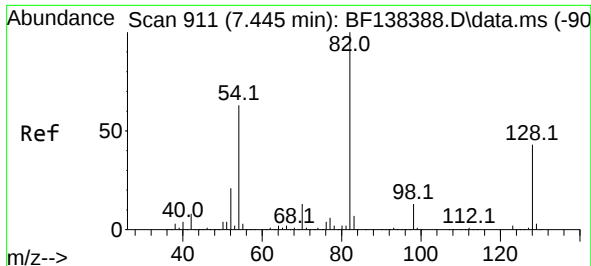
Tgt Ion: 99 Resp: 444866
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 34.3 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

Tgt Ion: 136 Resp: 221593
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 9.0 13.4
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.011 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF138472.D

Acq: 05 Jul 2024 17:04

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02RE

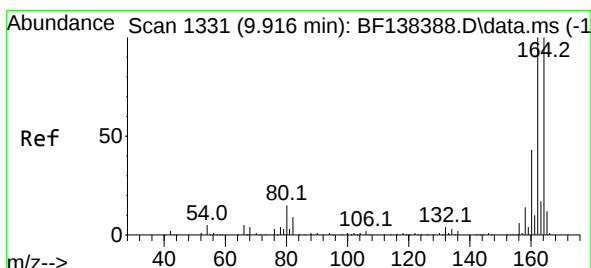
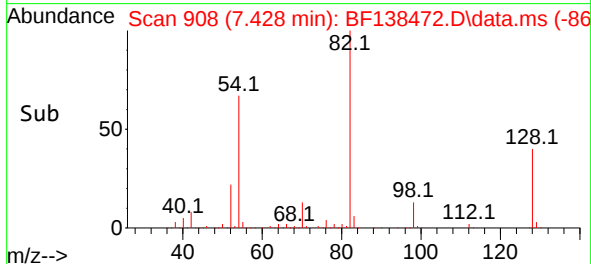
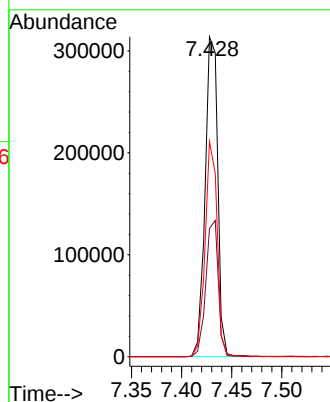
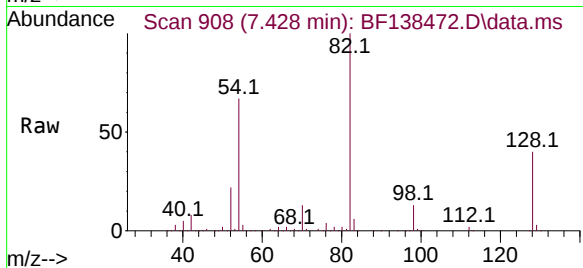
Tgt Ion: 82 Resp: 277318

Ion Ratio Lower Upper

82 100

128 40.1 34.6 52.0

54 67.3 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: BF138472.D

Acq: 05 Jul 2024 17:04

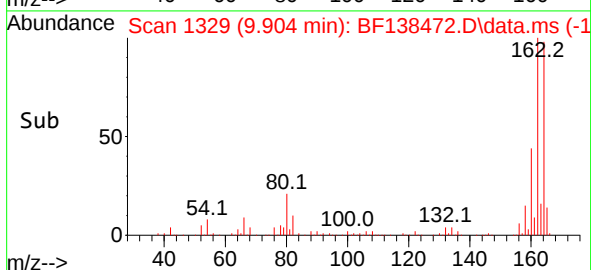
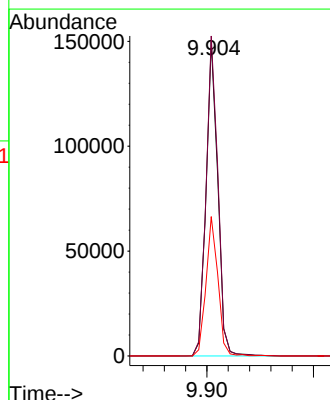
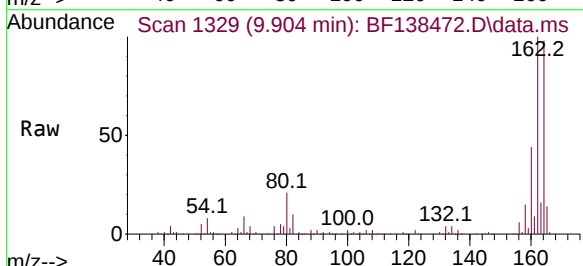
Tgt Ion:164 Resp: 115221

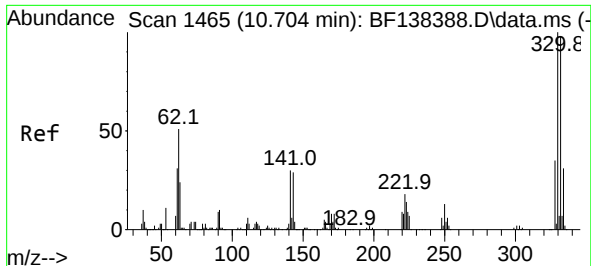
Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 44.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 88.765 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138472.D

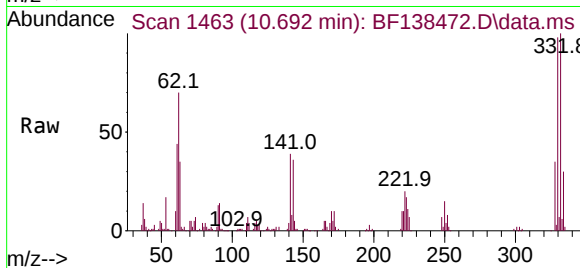
Acq: 05 Jul 2024 17:04

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02RE



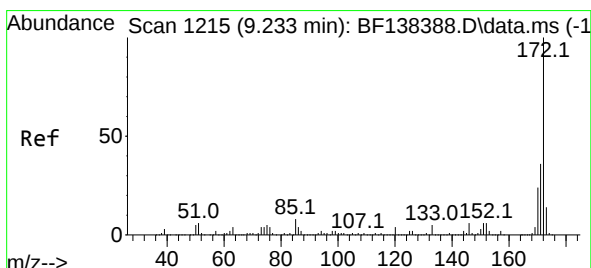
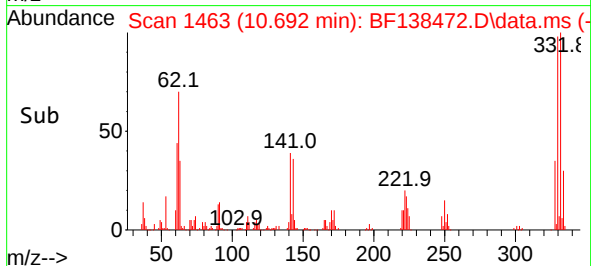
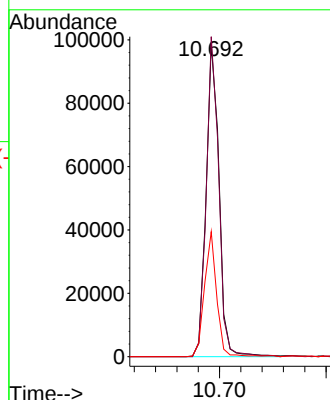
Tgt Ion:330 Resp: 83561

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

141 37.7 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 67.577 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138472.D

Acq: 05 Jul 2024 17:04

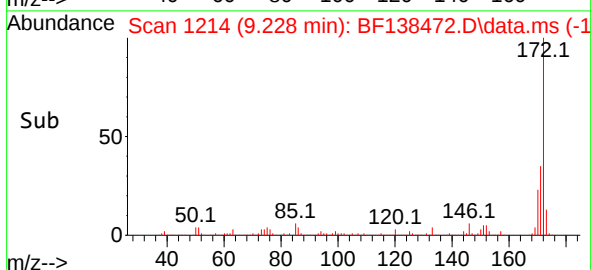
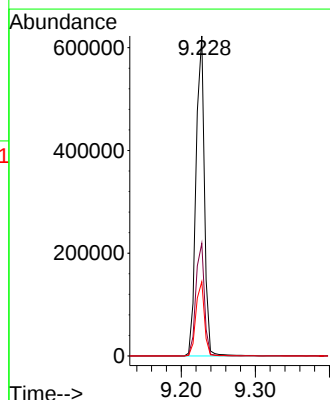
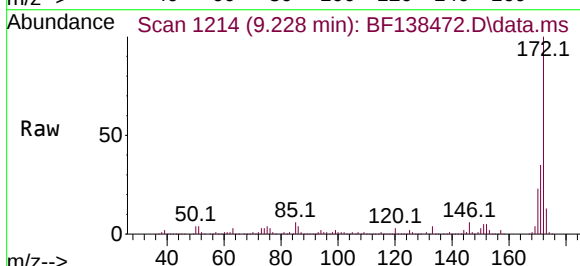
Tgt Ion:172 Resp: 489254

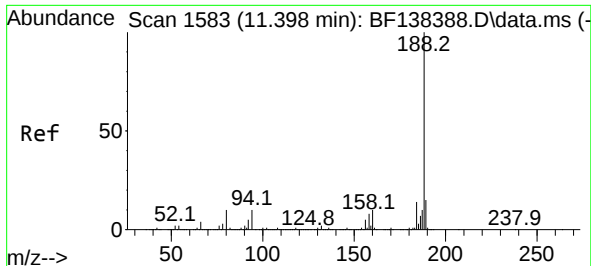
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.4

170 23.2 19.0 28.6

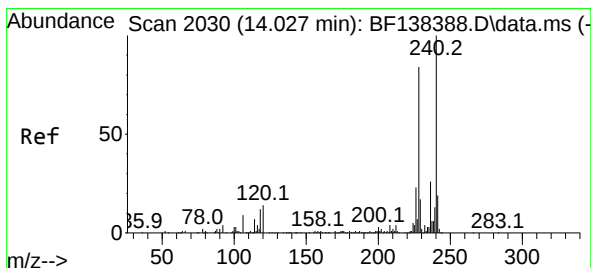
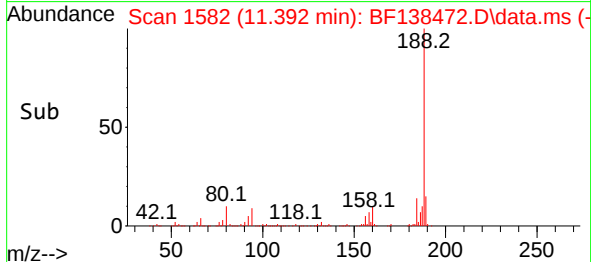
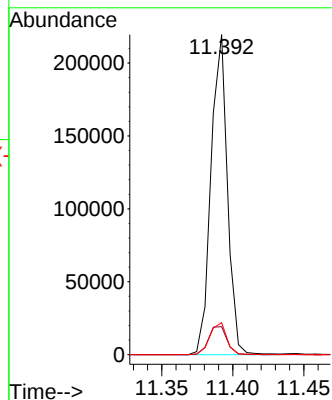
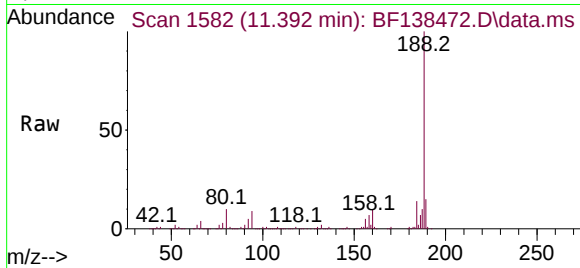




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

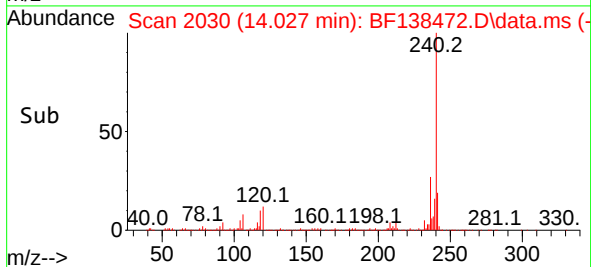
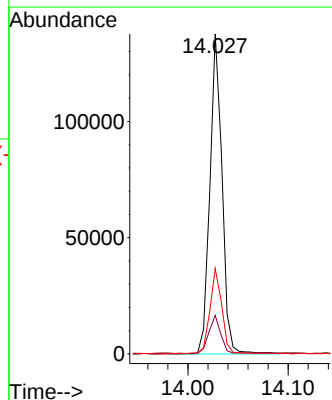
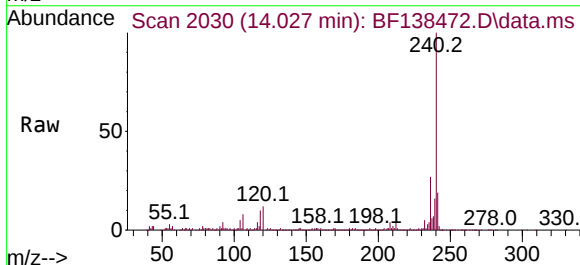
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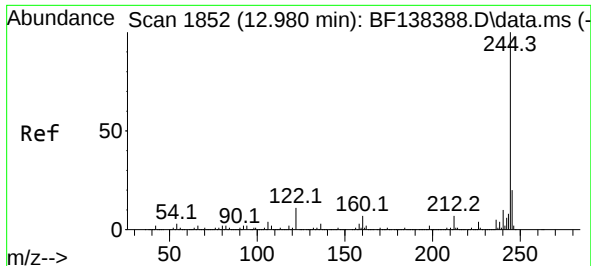
Tgt Ion:188 Resp: 176391
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138472.D
Acq: 05 Jul 2024 17:04

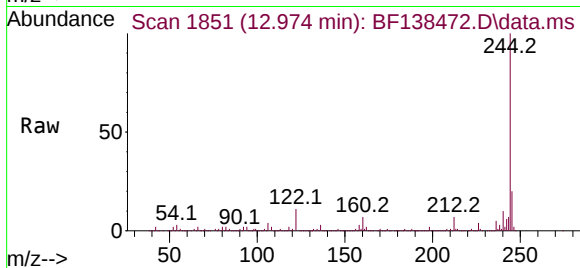
Tgt Ion:240 Resp: 116449
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 26.7 20.6 30.8



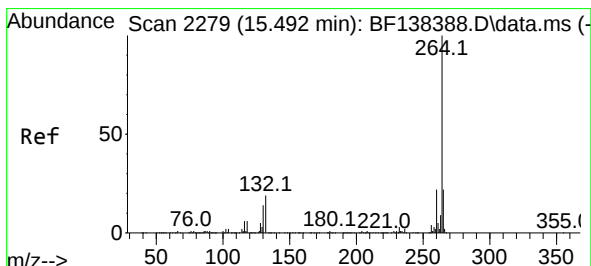
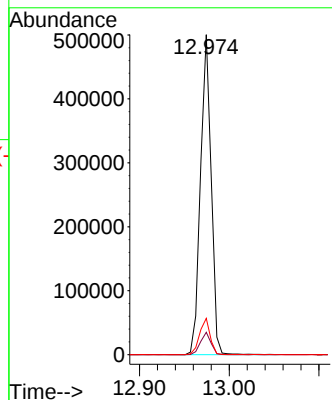
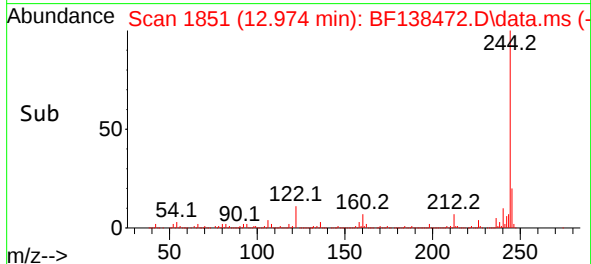


#79
 Terphenyl-d14
 Concen: 48.625 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138472.D
 Acq: 05 Jul 2024 17:04

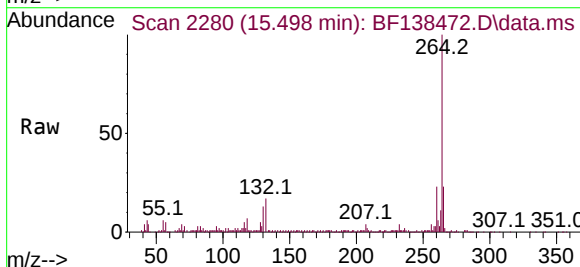
Instrument :
 BNA_F
 ClientSampleId :
 OK-628-COMP-02RE



Tgt Ion:244 Resp: 413179
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.4 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: BF138472.D
 Acq: 05 Jul 2024 17:04



Tgt Ion:264 Resp: 83443
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 23.1 17.5 26.3

