

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138454.D
 Acq On : 03 Jul 2024 19:08
 Operator : CG\JU
 Sample : P3135-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 03 19:29:58 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	111463	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	397681	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	162348	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	258970	20.000	ng	0.00
76) Chrysene-d12	14.027	240	183116	20.000	ng	0.00
86) Perylene-d12	15.498	264	133376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	645842	96.065	ng	0.00
7) Phenol-d6	6.510	99	816515	90.158	ng	0.00
23) Nitrobenzene-d5	7.434	82	514060	67.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	121073	91.279	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	764883	74.980	ng	0.00
79) Terphenyl-d14	12.974	244	711705	53.263	ng	0.00

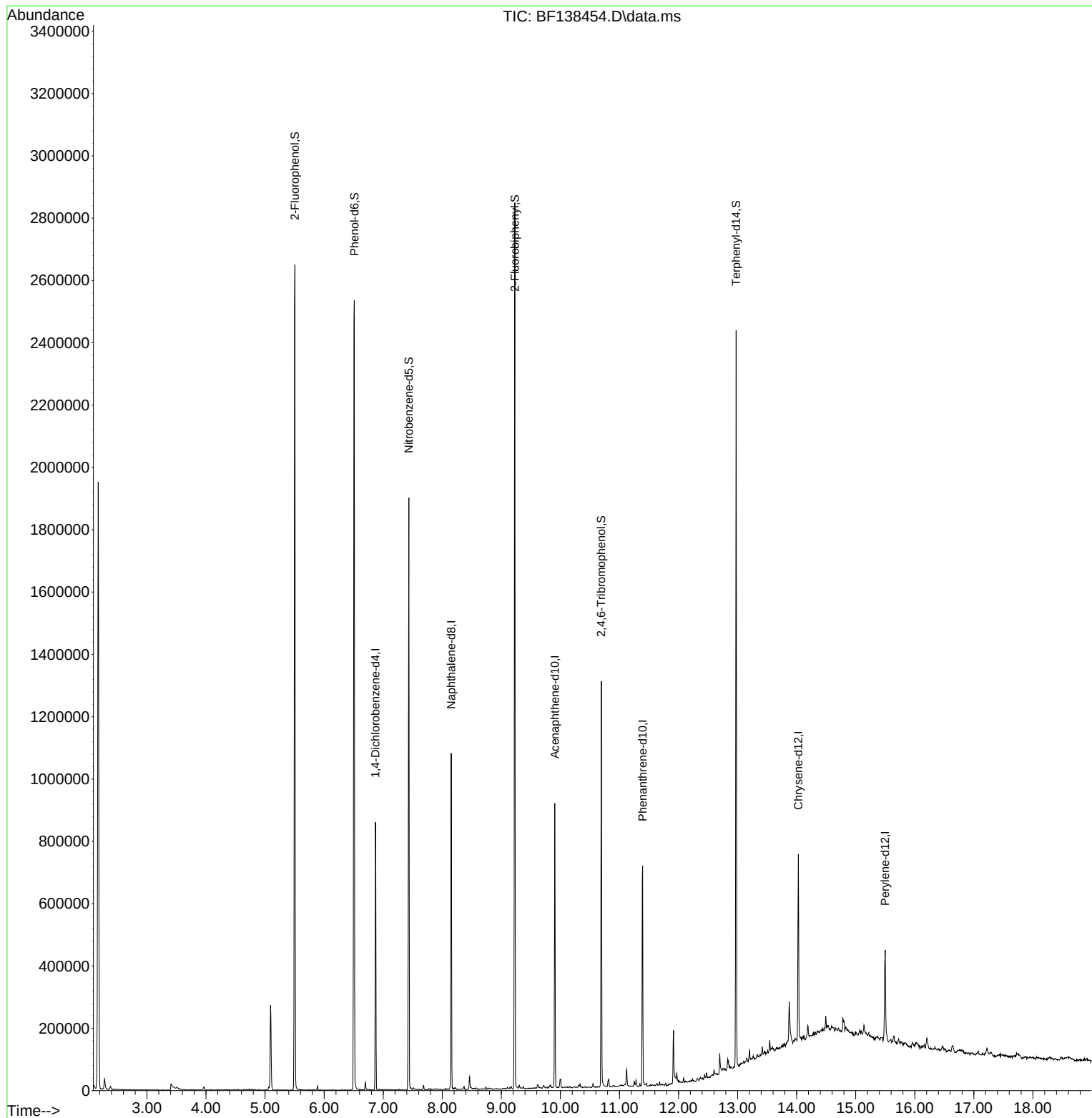
Target Compounds	Qvalue

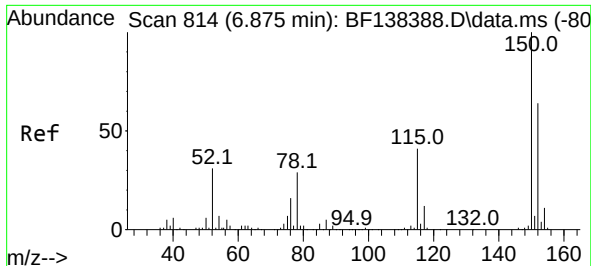
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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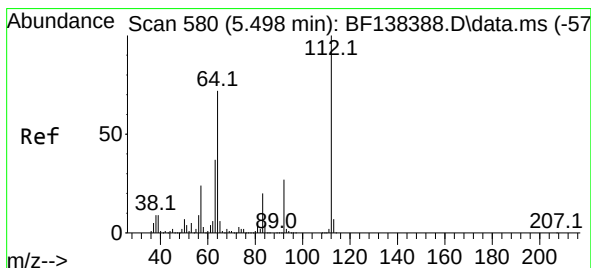
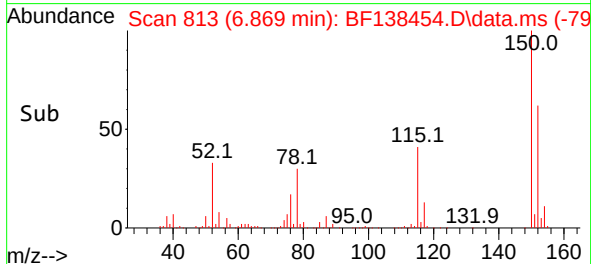
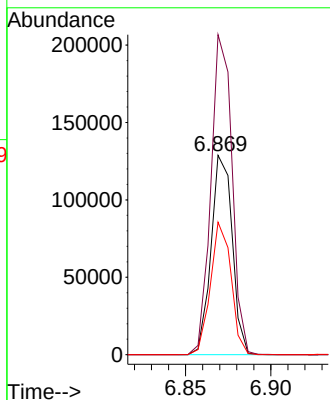
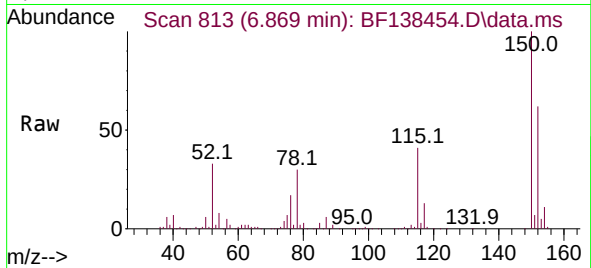




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138454.D
Acq: 03 Jul 2024 19:08

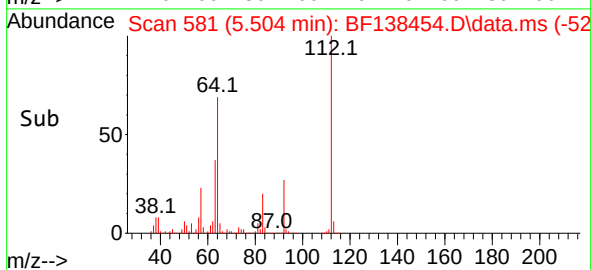
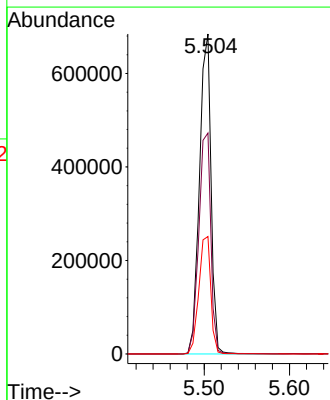
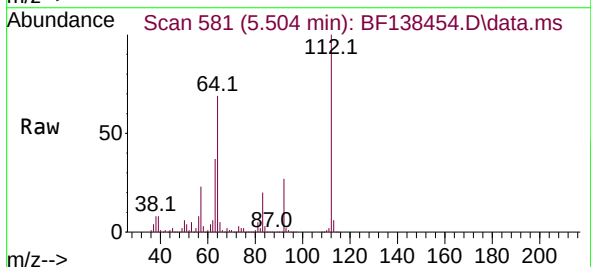
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02

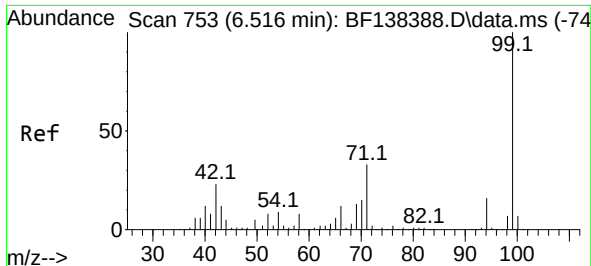
Tgt Ion:152 Resp: 111463
Ion Ratio Lower Upper
152 100
150 160.6 124.9 187.3
115 66.5 50.8 76.2



#5
2-Fluorophenol
Concen: 96.065 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138454.D
Acq: 03 Jul 2024 19:08

Tgt Ion:112 Resp: 645842
Ion Ratio Lower Upper
112 100
64 69.0 57.2 85.8
63 36.7 29.4 44.0

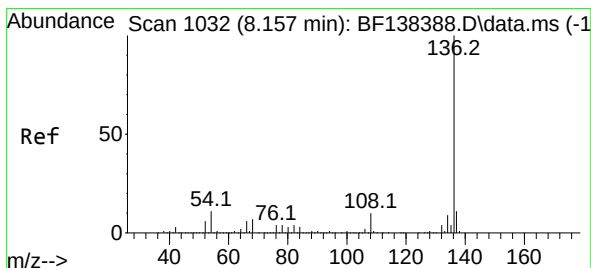
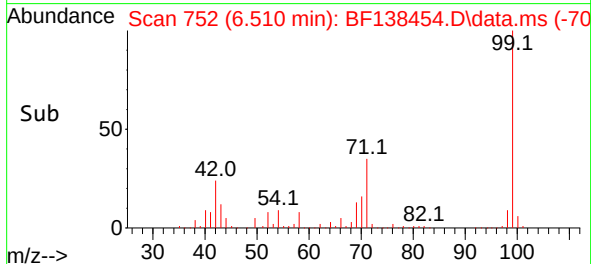
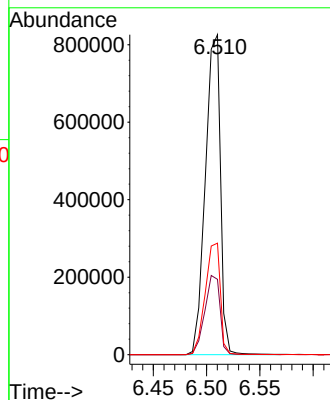
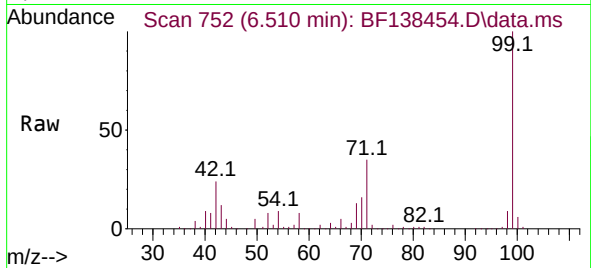




#7
Phenol-d6
Concen: 90.158 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138454.D
Acq: 03 Jul 2024 19:08

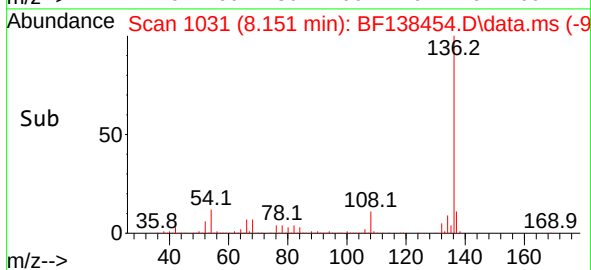
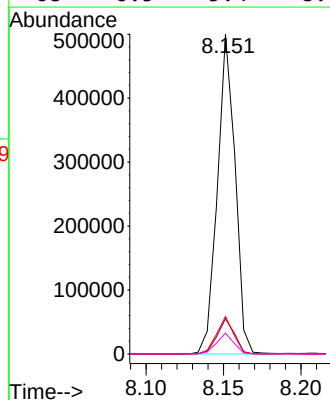
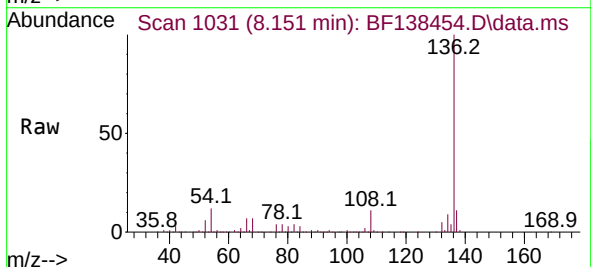
Instrument :
BNA_F
ClientSampleId :
OK-628-COMP-02

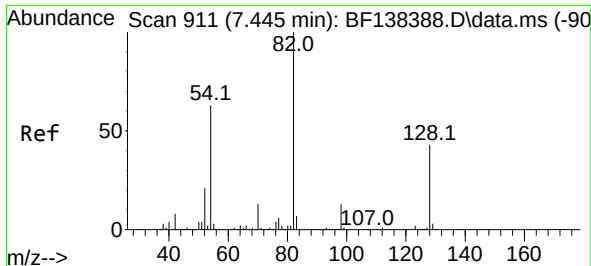
Tgt Ion: 99 Resp: 816515
Ion Ratio Lower Upper
99 100
42 23.5 18.5 27.7
71 34.8 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138454.D
Acq: 03 Jul 2024 19:08

Tgt Ion: 136 Resp: 397681
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.7 9.0 13.4
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 67.150 ng

RT: 7.434 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138454.D

Acq: 03 Jul 2024 19:08

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02

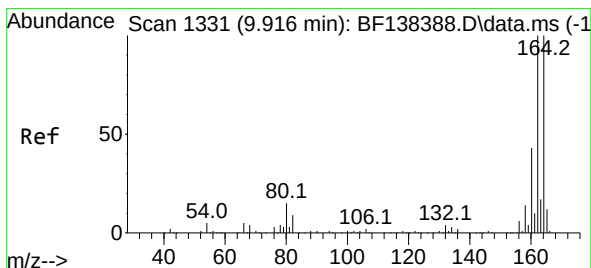
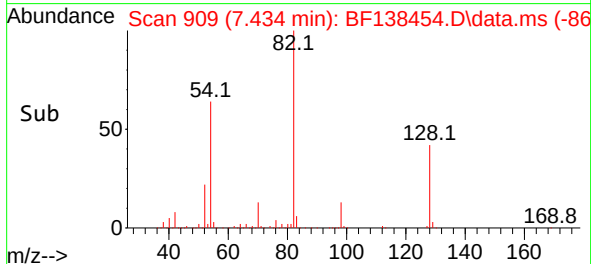
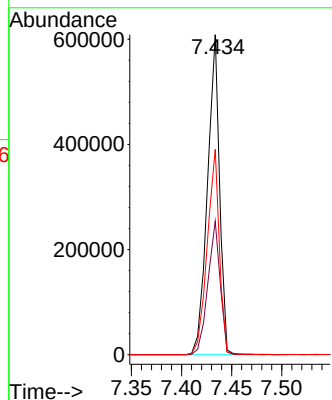
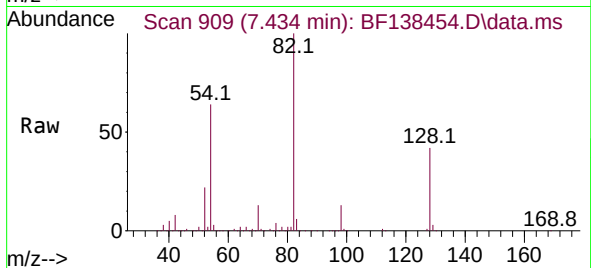
Tgt Ion: 82 Resp: 514060

Ion Ratio Lower Upper

82 100

128 41.7 34.6 52.0

54 64.1 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: BF138454.D

Acq: 03 Jul 2024 19:08

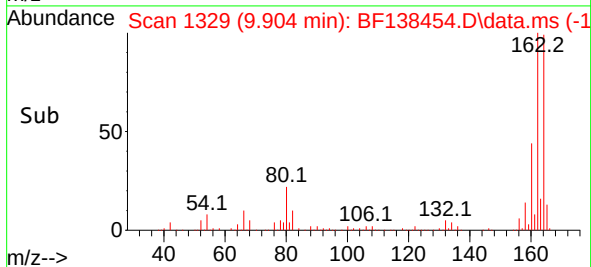
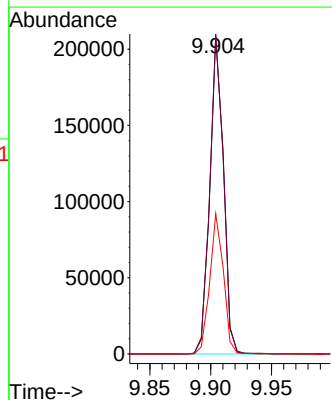
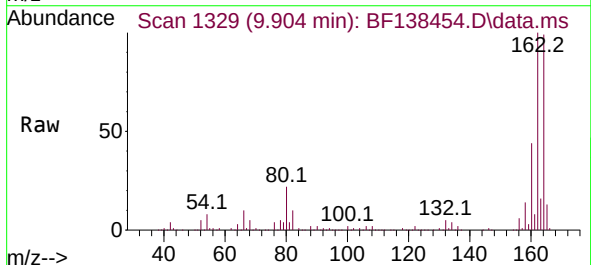
Tgt Ion: 164 Resp: 162348

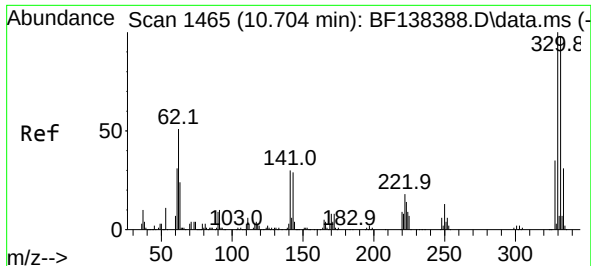
Ion Ratio Lower Upper

164 100

162 100.9 80.1 120.1

160 44.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 91.279 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.012 min

Lab File: BF138454.D

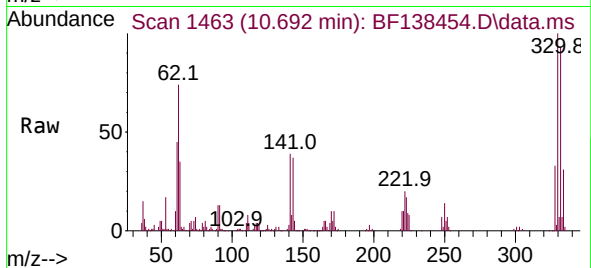
Acq: 03 Jul 2024 19:08

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02



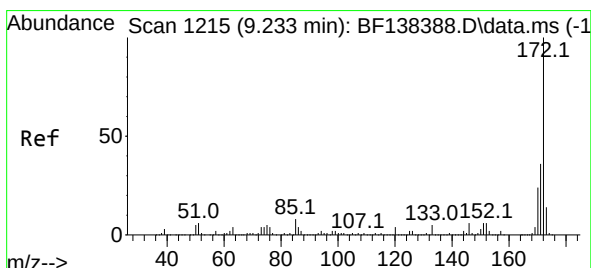
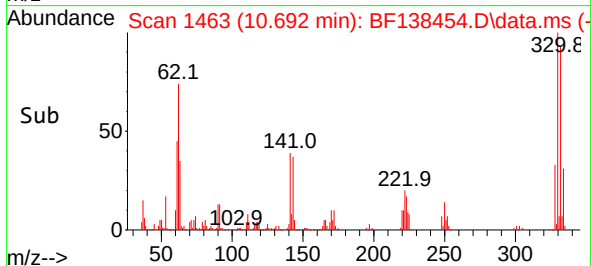
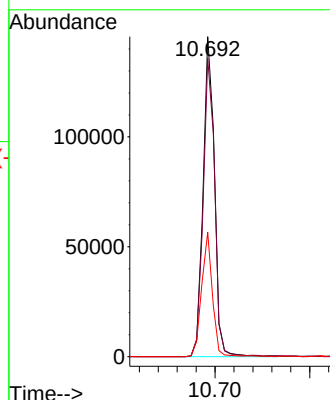
Tgt Ion:330 Resp: 121073

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

141 37.3 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 74.980 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.005 min

Lab File: BF138454.D

Acq: 03 Jul 2024 19:08

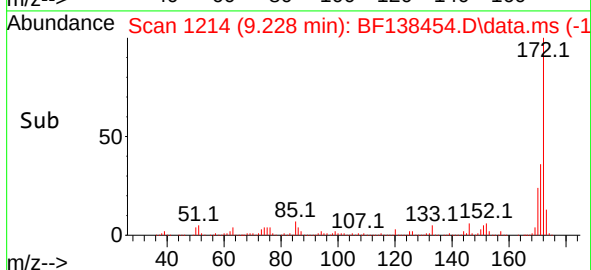
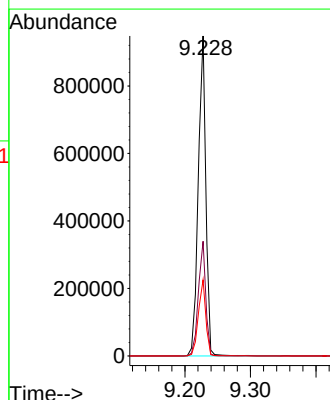
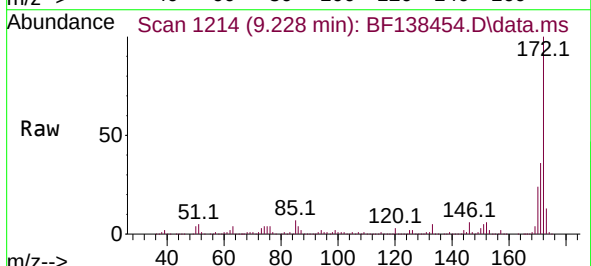
Tgt Ion:172 Resp: 764883

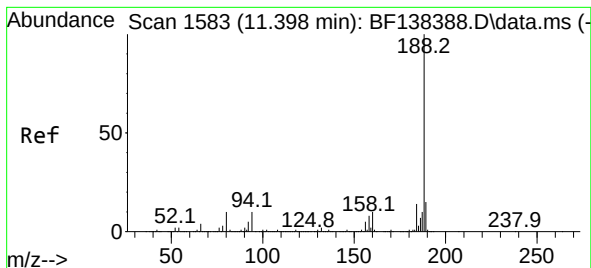
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138454.D

Acq: 03 Jul 2024 19:08

Instrument :

BNA_F

ClientSampleId :

OK-628-COMP-02

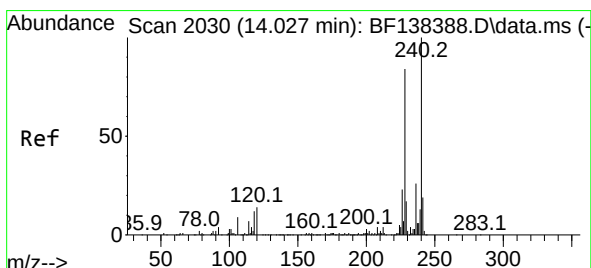
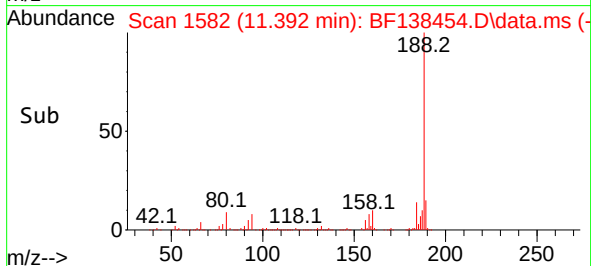
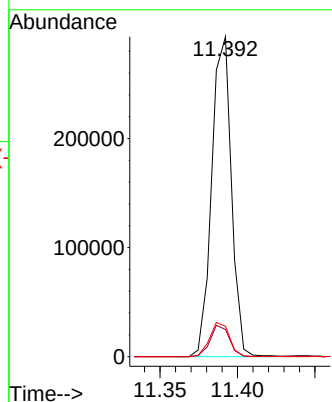
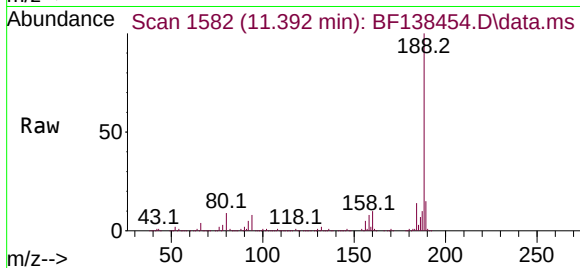
Tgt Ion:188 Resp: 258970

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

80 9.5 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: BF138454.D

Acq: 03 Jul 2024 19:08

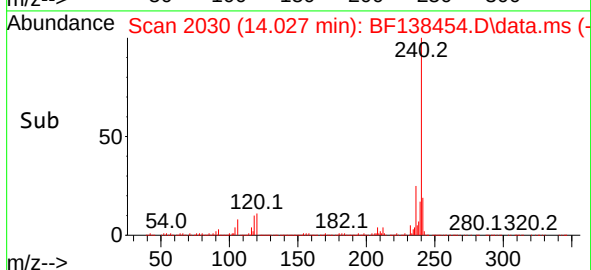
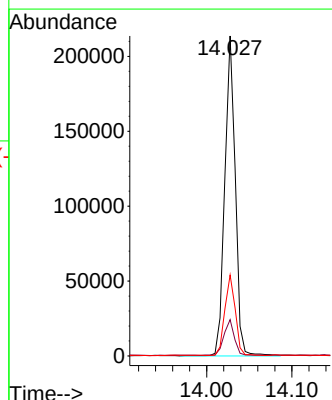
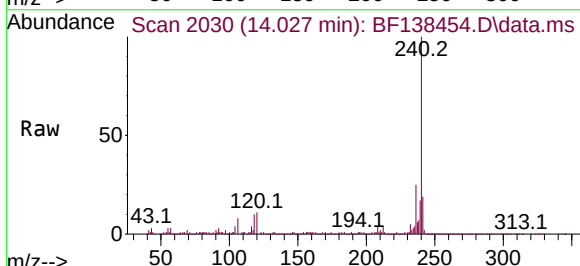
Tgt Ion:240 Resp: 183116

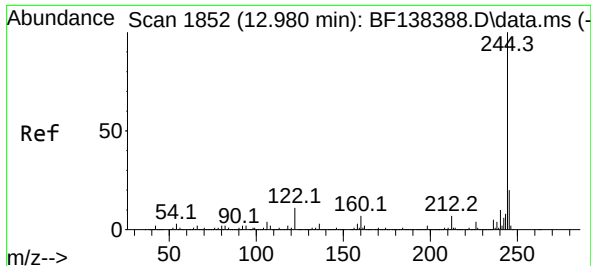
Ion Ratio Lower Upper

240 100

120 11.3 10.9 16.3

236 25.3 20.6 30.8

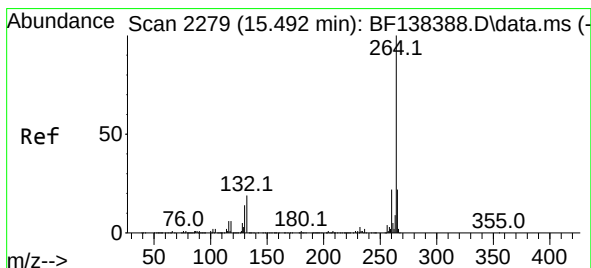
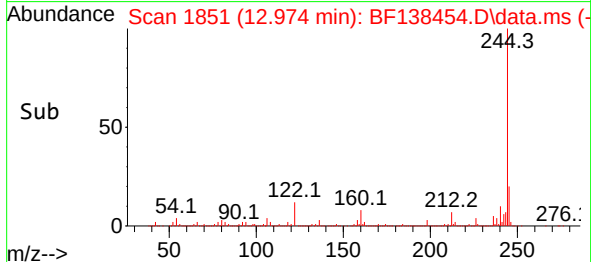
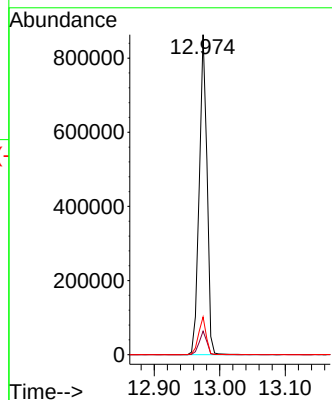
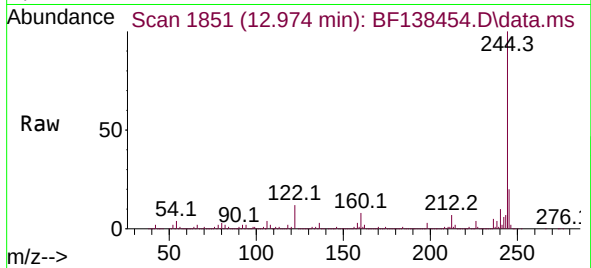




#79
 Terphenyl-d14
 Concen: 53.263 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138454.D
 Acq: 03 Jul 2024 19:08

Instrument :
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Tgt Ion:244 Resp: 711705
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 11.8 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: BF138454.D
 Acq: 03 Jul 2024 19:08

Tgt Ion:264 Resp: 133376
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.8 26.6
 265 21.1 17.5 26.3

