

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138448.D
 Acq On : 03 Jul 2024 16:11
 Operator : CG\JU
 Sample : P3129-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4259

Quant Time: Jul 03 16:33:38 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)

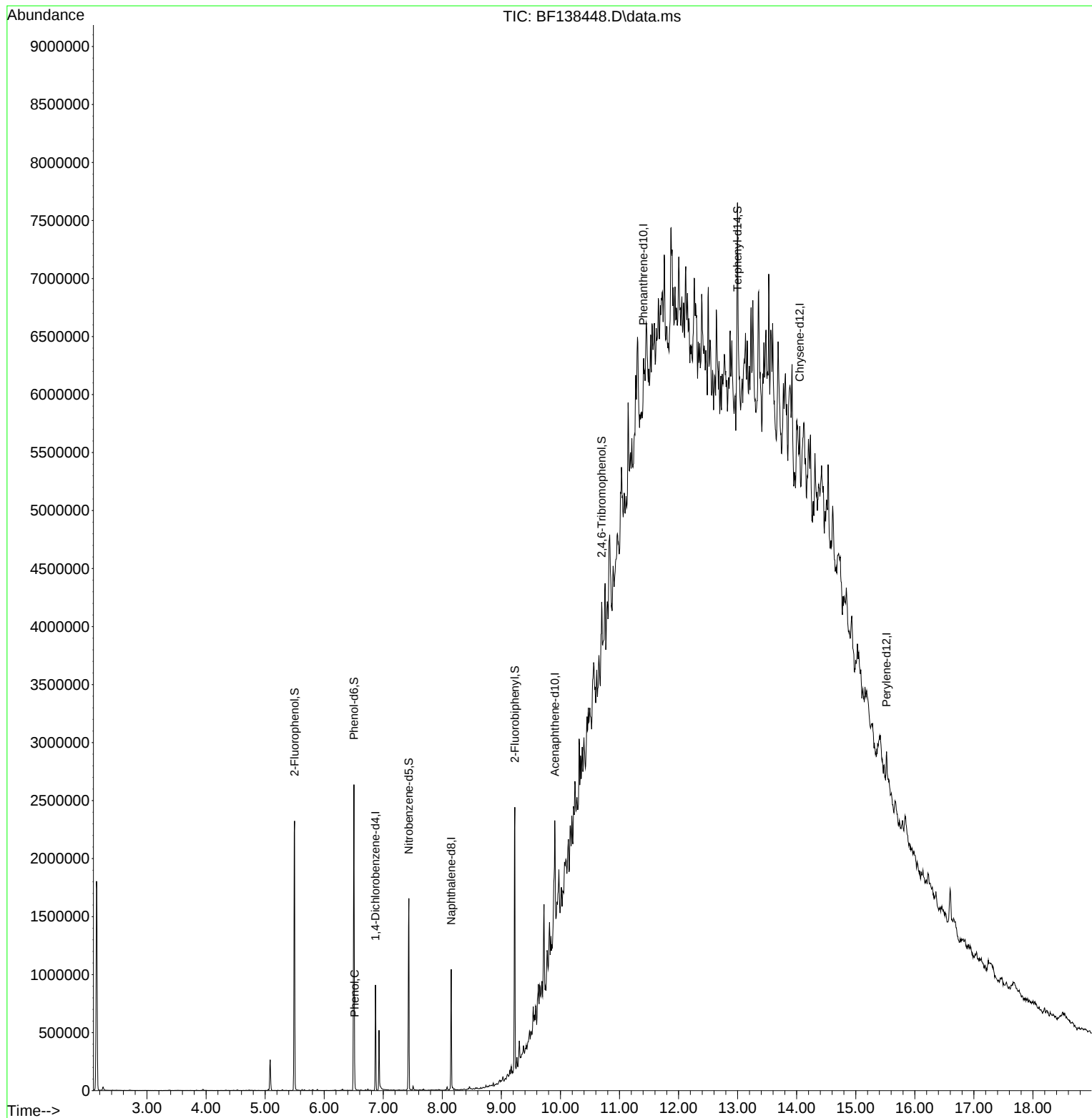
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	110440	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	386371	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	145381	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	175336	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	147349	20.000	ng	0.02
86) Perylene-d12	15.521	264	119492	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	570459	85.639	ng	0.00
7) Phenol-d6	6.504	99	753044	83.920	ng	-0.01
23) Nitrobenzene-d5	7.434	82	472049	63.467	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	85139	71.679	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	670171	73.362	ng	0.00
79) Terphenyl-d14	12.998	244	494499	45.991	ng	0.02
Target Compounds						
10) Phenol	6.516	94	38087	3.984	ng	Qvalue 94

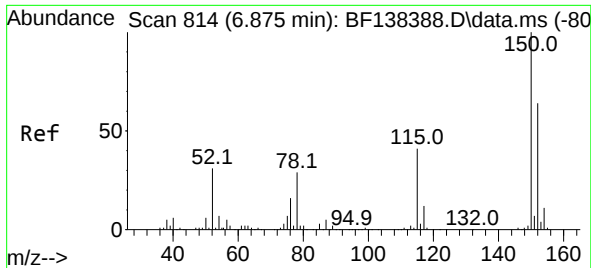
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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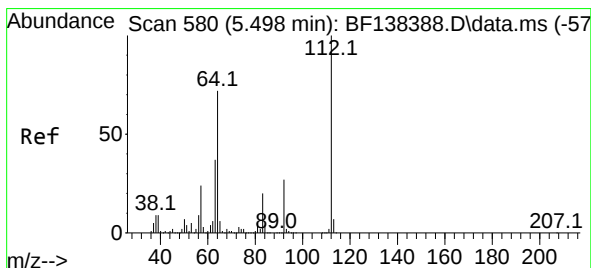
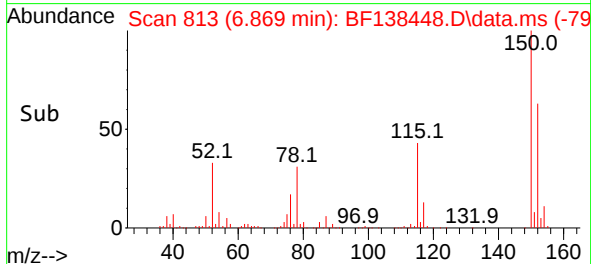
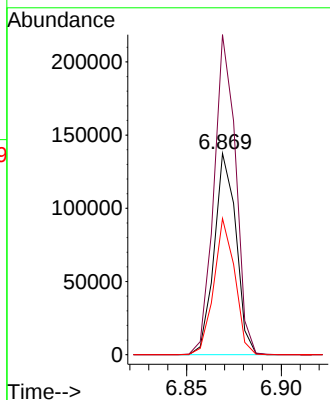
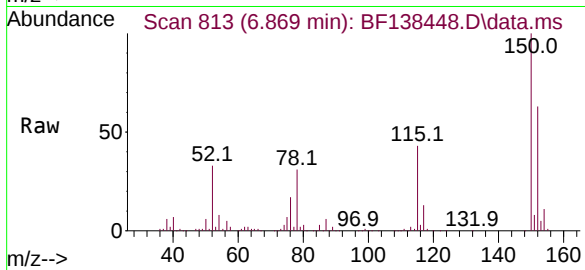




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

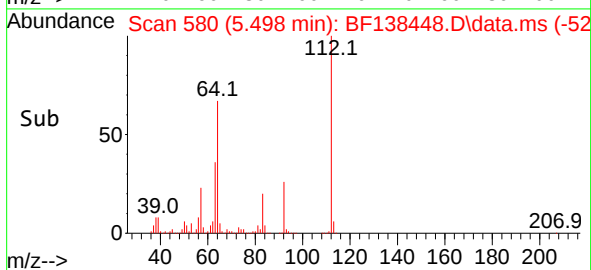
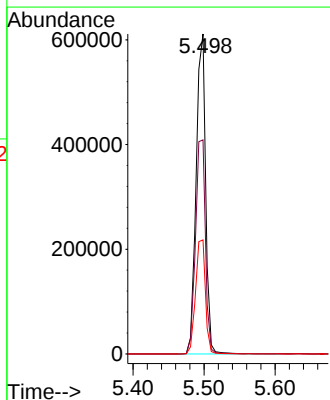
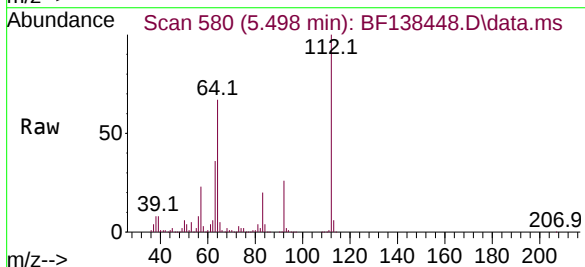
Instrument :
BNA_F
ClientSampleId :
RT4259

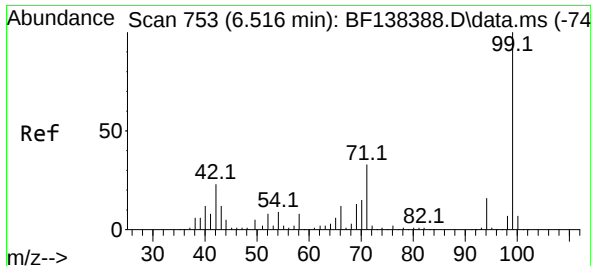
Tgt Ion:152 Resp: 110440
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 67.7 50.8 76.2



#5
2-Fluorophenol
Concen: 85.639 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:112 Resp: 570459
Ion Ratio Lower Upper
112 100
64 66.9 57.2 85.8
63 35.7 29.4 44.0

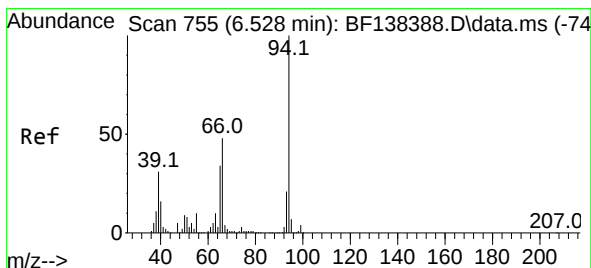
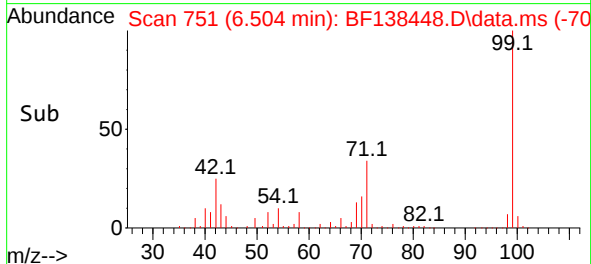
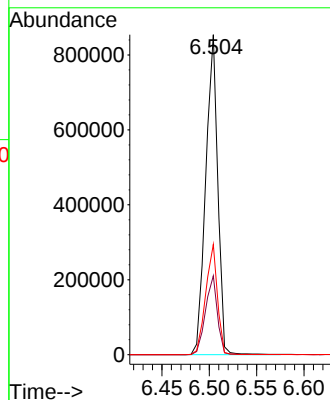
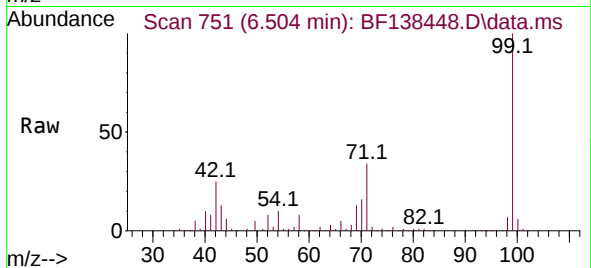




#7
Phenol-d6
Concen: 83.920 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

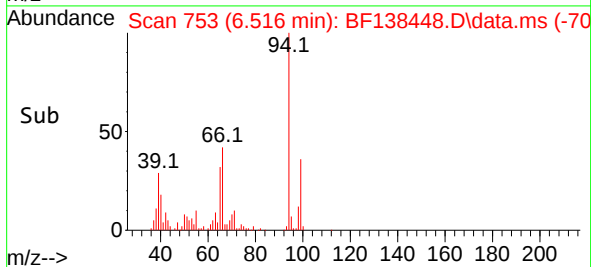
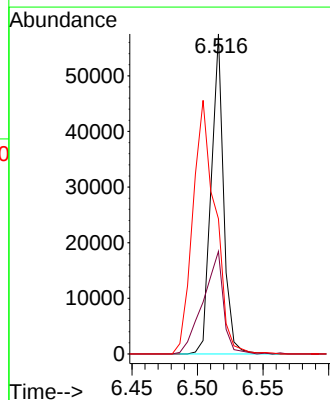
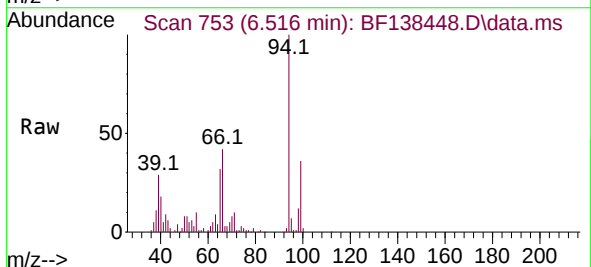
Instrument :
BNA_F
ClientSampleId :
RT4259

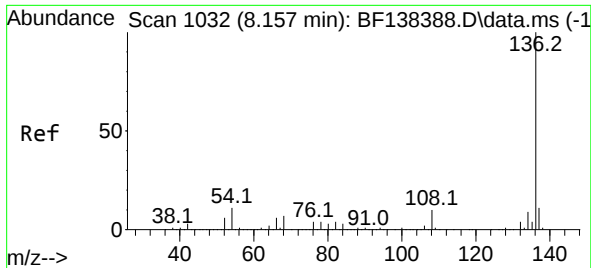
Tgt Ion: 99 Resp: 753044
Ion Ratio Lower Upper
99 100
42 24.7 18.5 27.7
71 34.5 26.1 39.1



#10
Phenol
Concen: 3.984 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion: 94 Resp: 38087
Ion Ratio Lower Upper
94 100
65 32.1 14.2 54.2
66 42.3 27.9 67.9

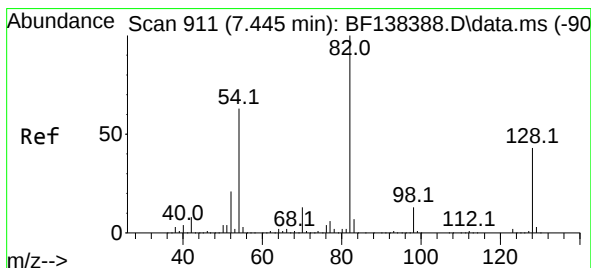
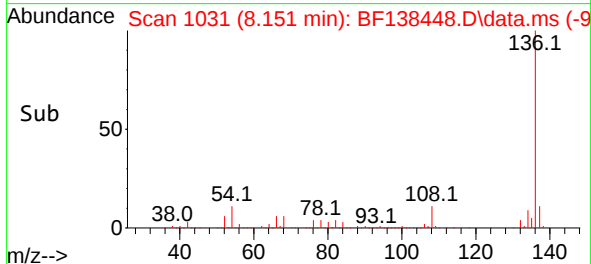
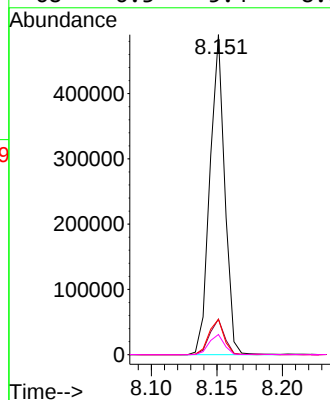
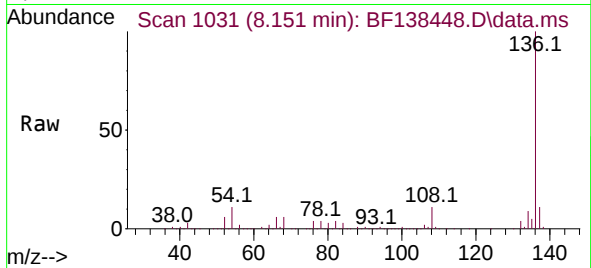




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

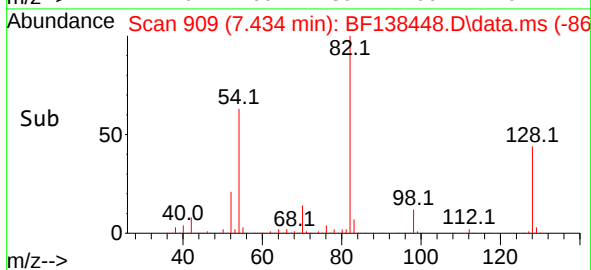
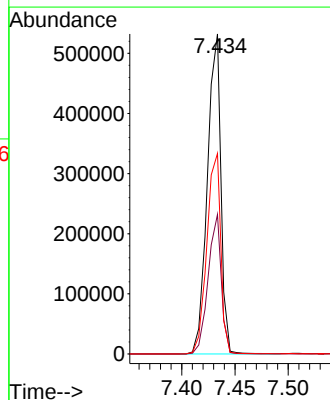
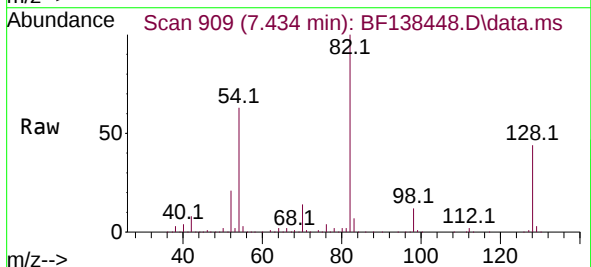
Instrument :
BNA_F
ClientSampleId :
RT4259

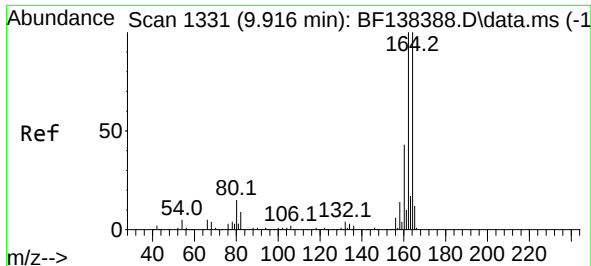
Tgt	Ion:136	Resp:	386371
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	9.0	13.4
68	6.3	5.4	8.0



#23
Nitrobenzene-d5
Concen: 63.467 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion: 82	Resp: 472049
Ion Ratio	Lower Upper
82 100	
128 43.6	34.6 52.0
54 62.6	50.5 75.7

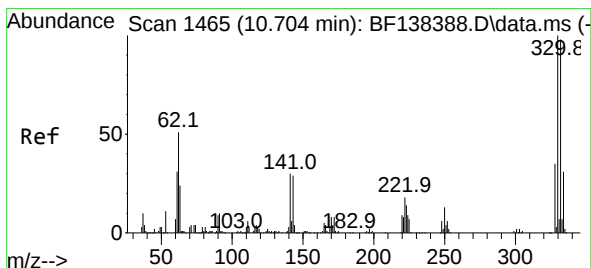
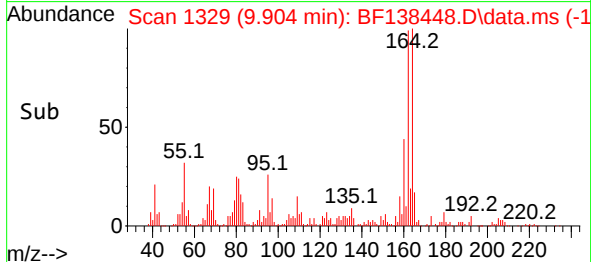
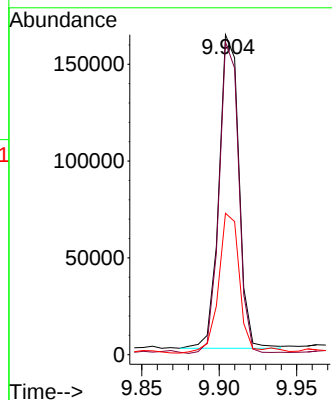
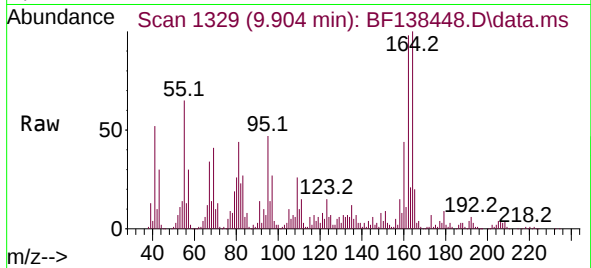




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

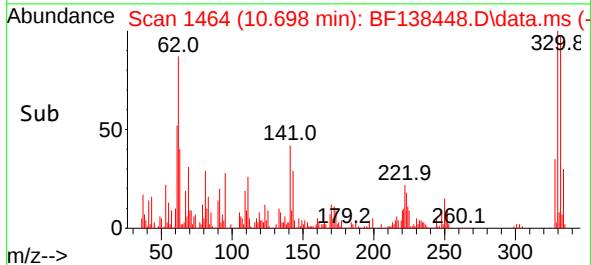
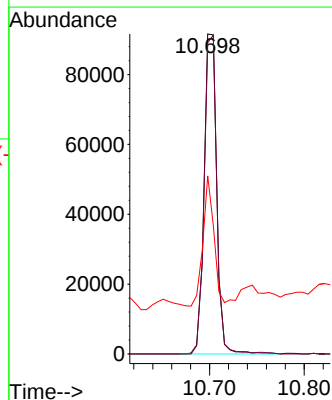
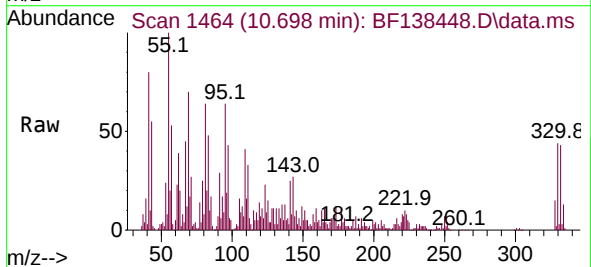
Instrument :
BNA_F
ClientSampleId :
RT4259

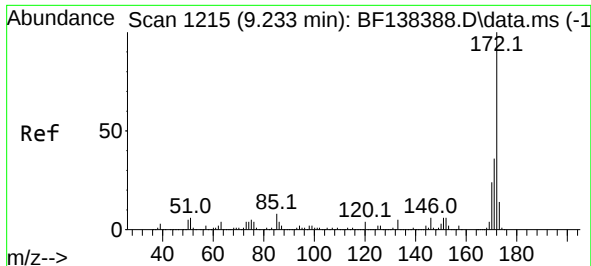
Tgt Ion:164 Resp: 145381
Ion Ratio Lower Upper
164 100
162 97.7 80.1 120.1
160 44.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 71.679 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:330 Resp: 85139
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 35.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 73.362 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

RT4259

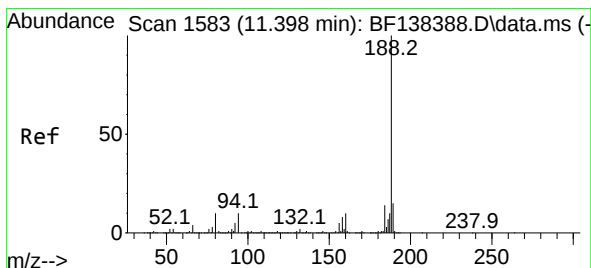
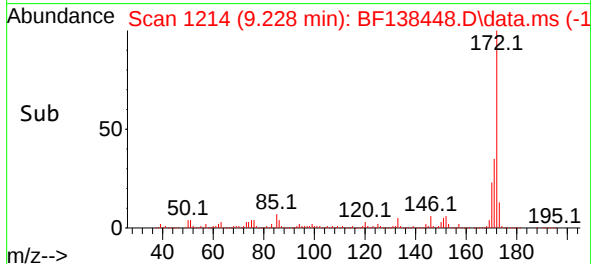
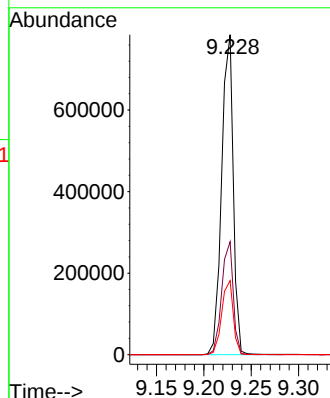
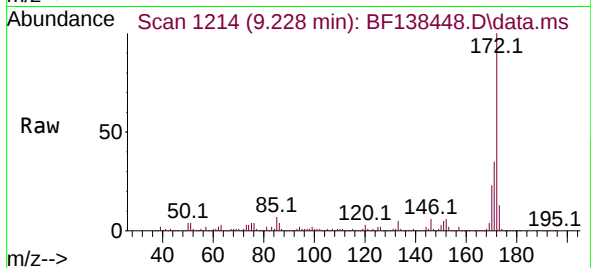
Tgt Ion:172 Resp: 670171

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.1 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

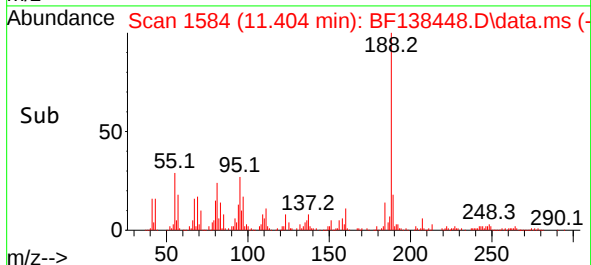
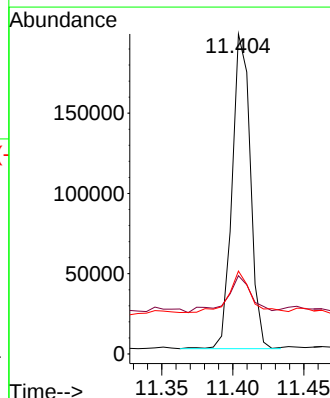
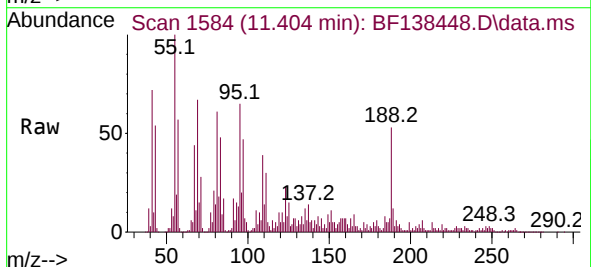
Tgt Ion:188 Resp: 175336

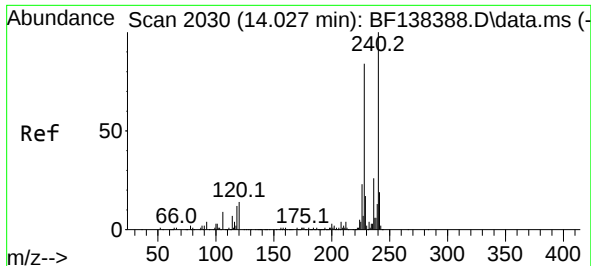
Ion Ratio Lower Upper

188 100

94 24.5 8.0 12.0#

80 25.9 8.2 12.4#

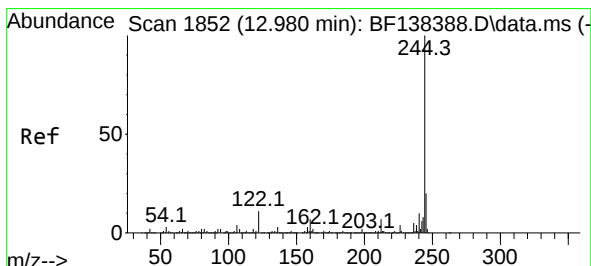
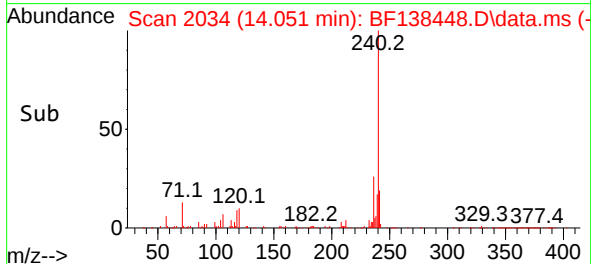
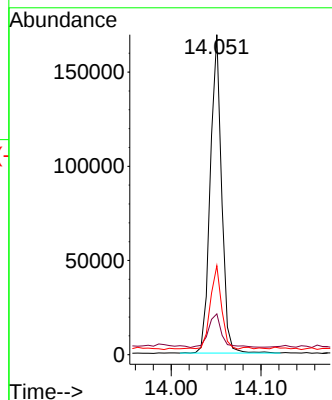
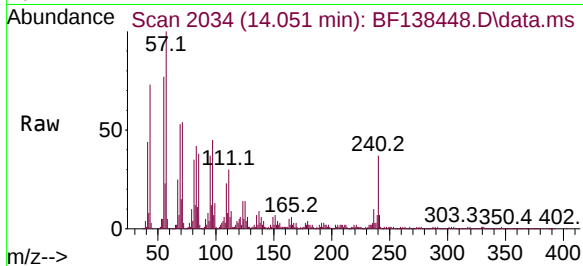




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2030
Delta R.T. 0.024 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

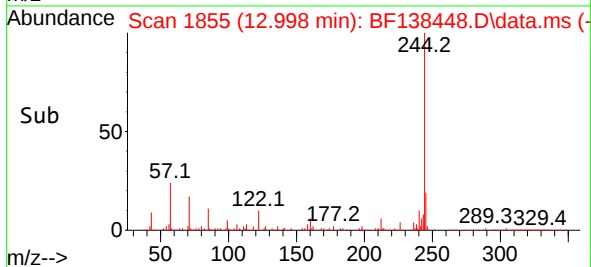
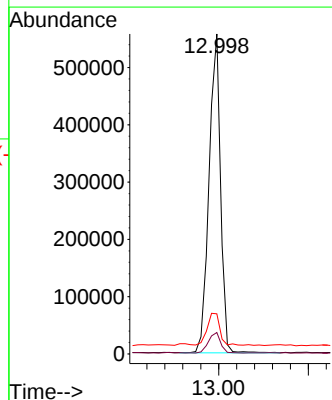
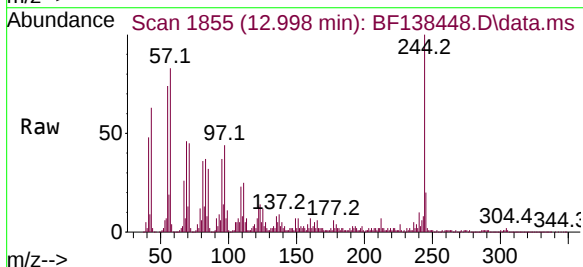
Instrument :
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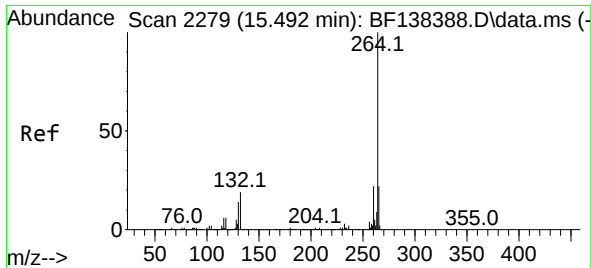
Tgt Ion:240 Resp: 147349
Ion Ratio Lower Upper
240 100
120 12.7 10.9 16.3
236 27.8 20.6 30.8



#79
Terphenyl-d14
Concen: 45.991 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.018 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:244 Resp: 494499
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 12.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
RT4259

Tgt Ion:264 Resp: 119492
Ion Ratio Lower Upper
264 100
260 24.2 17.8 26.6
265 21.4 17.5 26.3

