

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138173.D
 Acq On : 10 Jun 2024 15:42
 Operator : CG\JU
 Sample : P2795-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-15)-COMP

Quant Time: Jun 10 16:21:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	371647	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	1441250	20.000	ng	-0.02
39) Acenaphthene-d10	9.933	164	777841	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1269823	20.000	ng	#-0.02
76) Chrysene-d12	14.051	240	739877	20.000	ng	-0.02
86) Perylene-d12	15.533	264	724469	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2176272	99.796	ng	-0.01
7) Phenol-d6	6.522	99	2714912	98.398	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1513604	71.453	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	579444	77.407	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	3102991	69.753	ng	-0.01
79) Terphenyl-d14	13.004	244	2870677	58.034	ng	-0.02

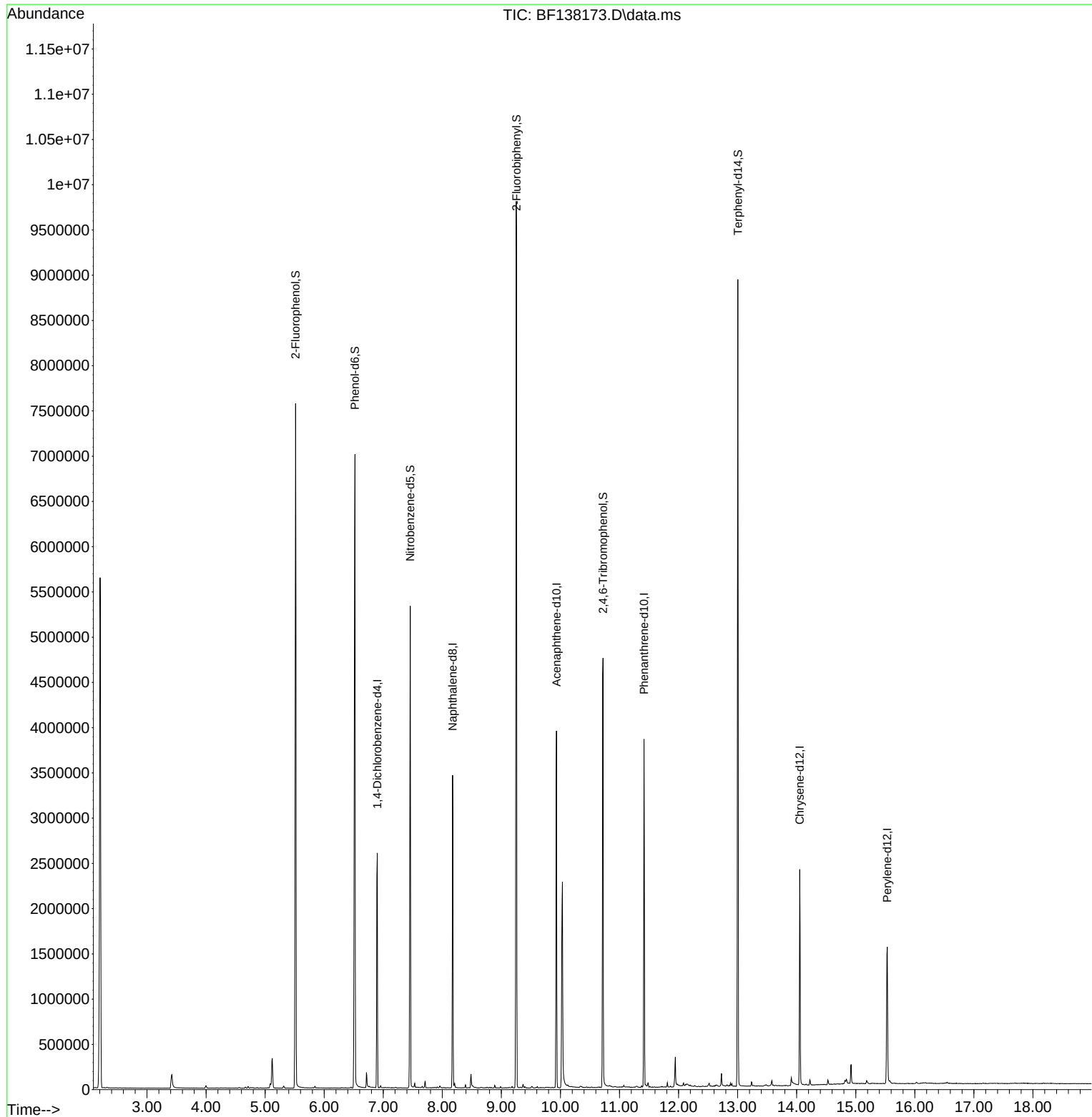
Target Compounds	Qvalue

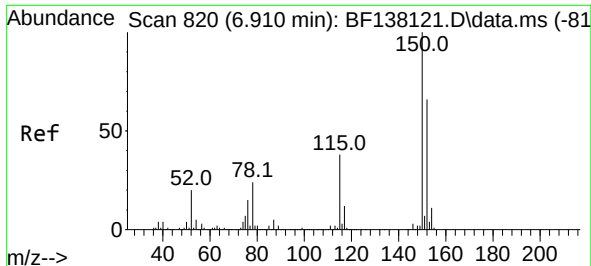
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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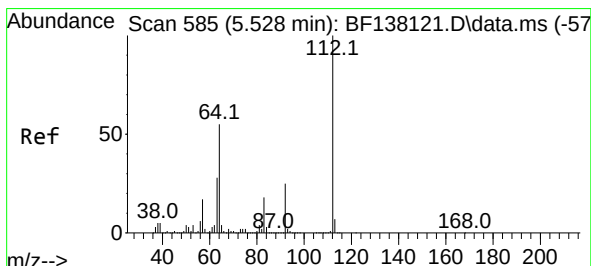
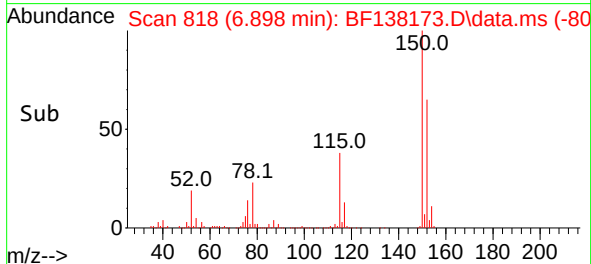
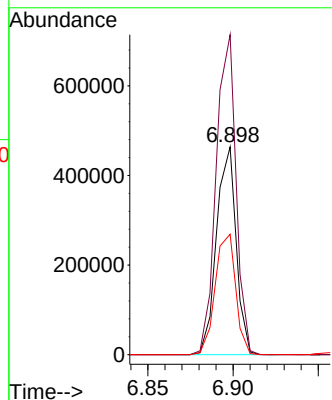
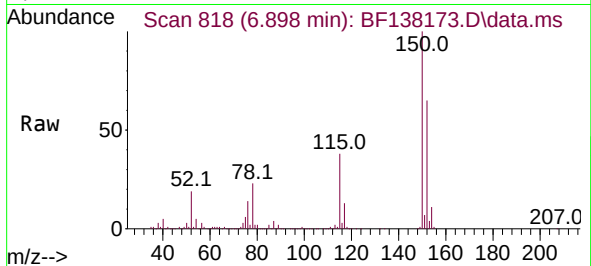




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

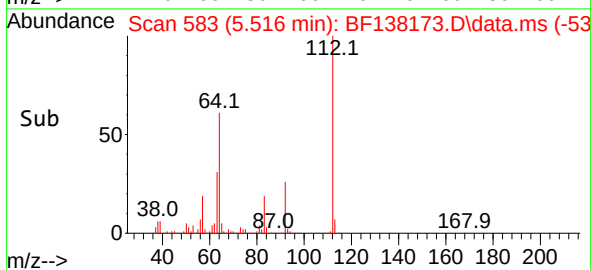
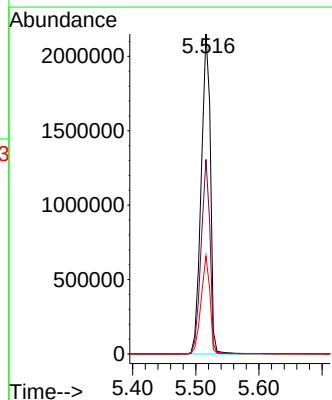
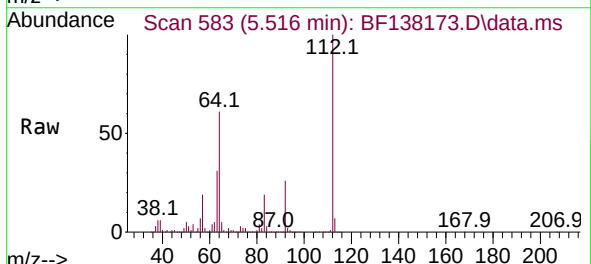
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

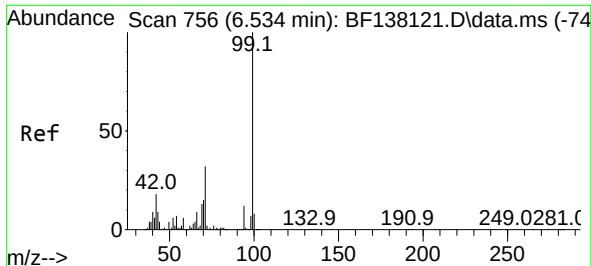
Tgt Ion:152 Resp: 371647
Ion Ratio Lower Upper
152 100
150 153.9 121.8 182.6
115 57.9 46.2 69.2



#5
2-Fluorophenol
Concen: 99.796 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:112 Resp: 2176272
Ion Ratio Lower Upper
112 100
64 60.8 44.0 66.0
63 30.6 22.1 33.1

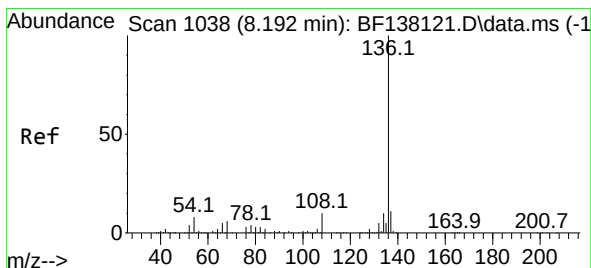
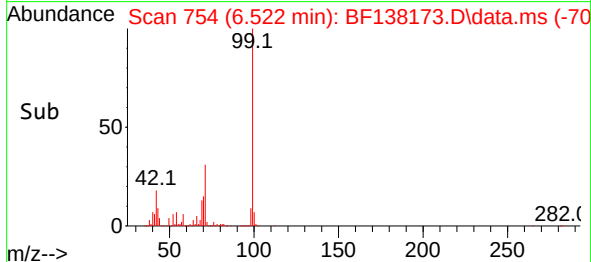
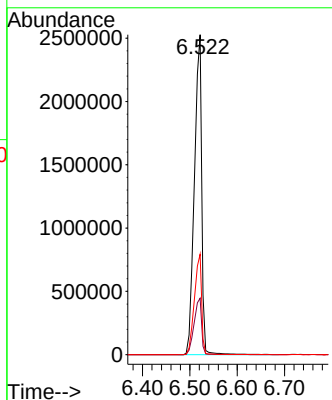
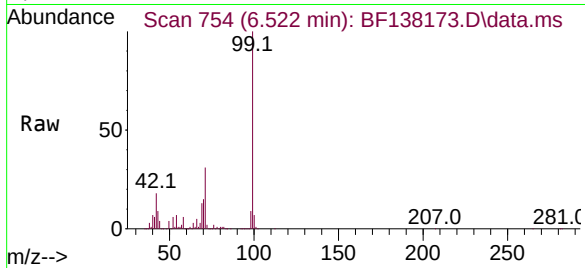




#7
Phenol-d6
Concen: 98.398 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

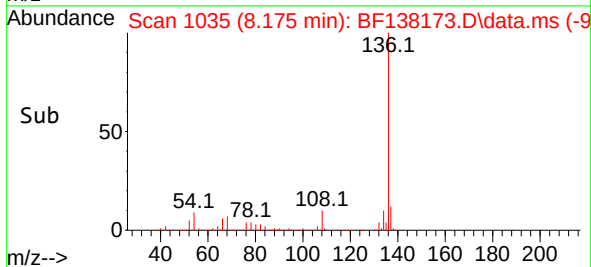
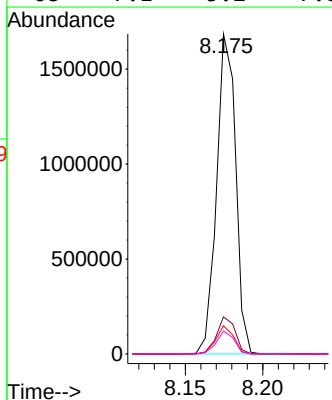
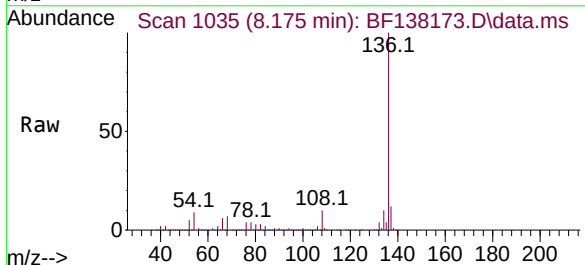
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

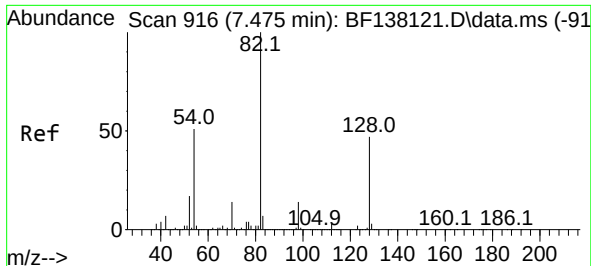
Tgt Ion: 99 Resp: 2714912
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 31.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion: 136 Resp: 1441250
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.8 6.2 9.2
68 7.1 5.2 7.8

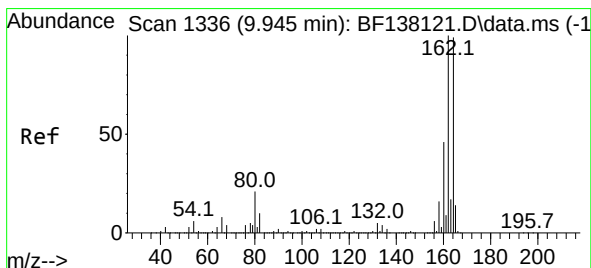
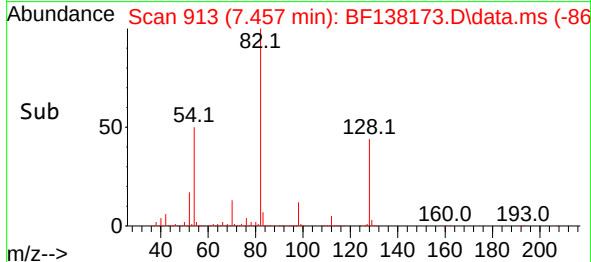
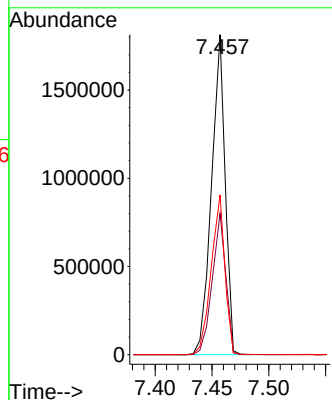
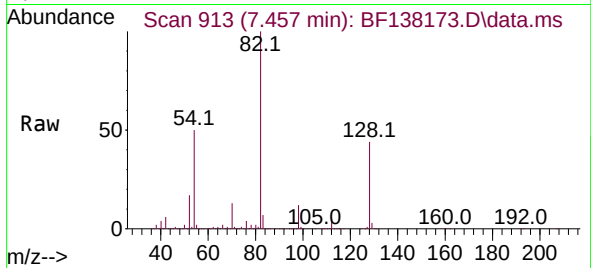




#23
Nitrobenzene-d5
Concen: 71.453 ng
RT: 7.457 min Scan# 916
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

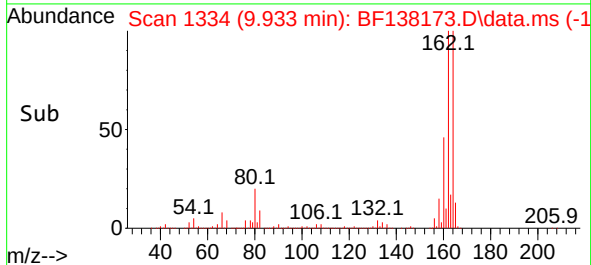
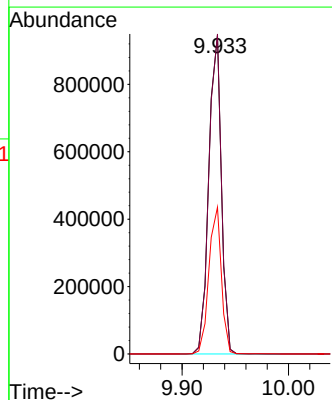
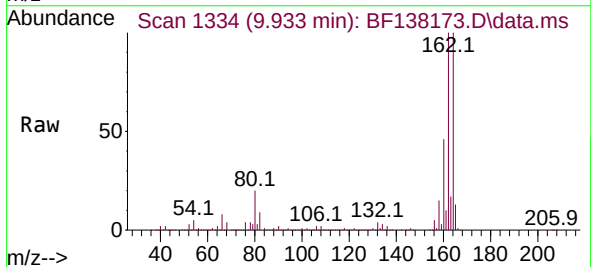
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-15)-COMP

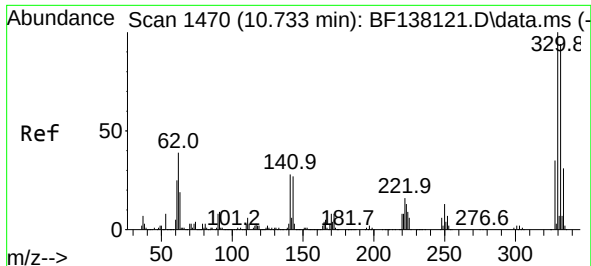
Tgt Ion: 82 Resp: 1513604
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 50.0 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:164 Resp: 777841
Ion Ratio Lower Upper
164 100
162 100.4 80.9 121.3
160 46.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 77.407 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.011 min

Lab File: BF138173.D

Acq: 10 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-15)-COMP

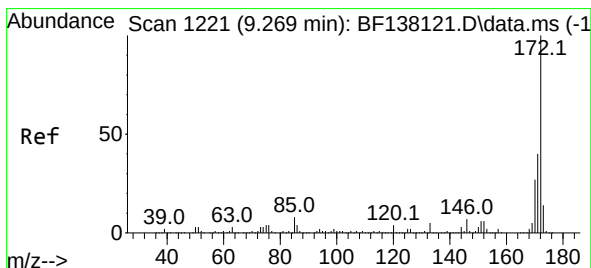
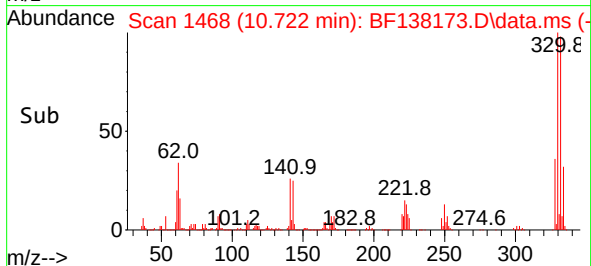
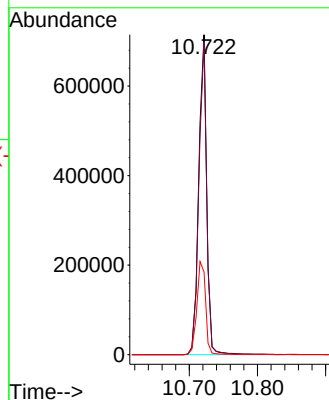
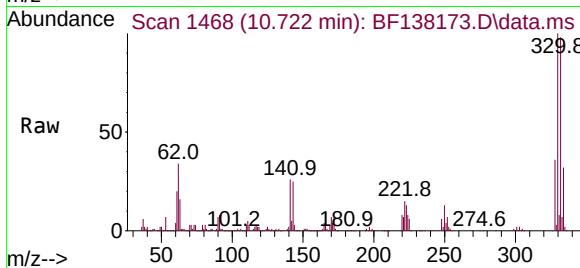
Tgt Ion:330 Resp: 579444

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.8

141 32.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 69.753 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF138173.D

Acq: 10 Jun 2024 15:42

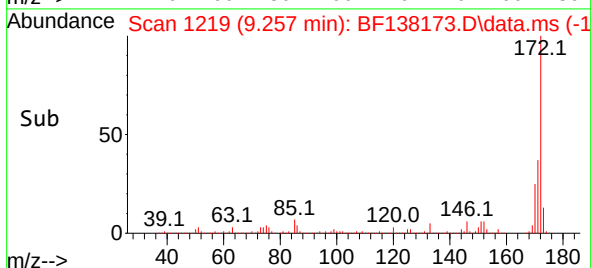
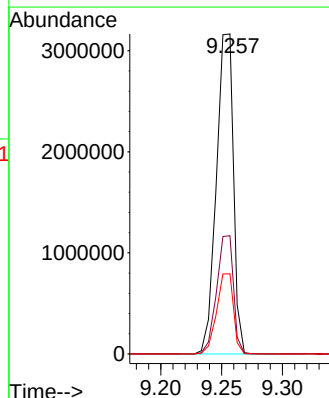
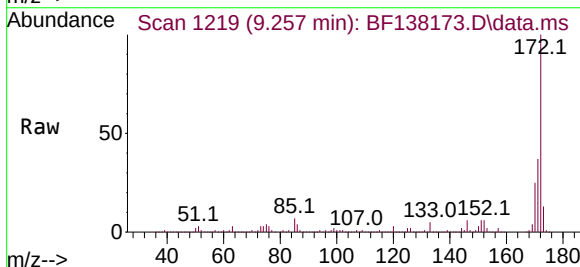
Tgt Ion:172 Resp: 3102991

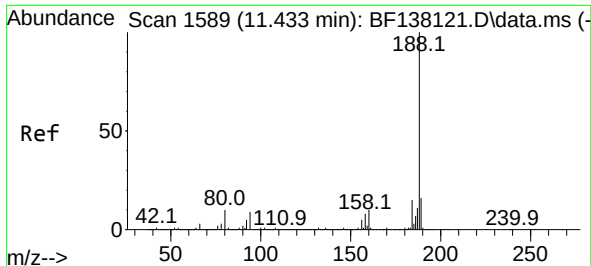
Ion Ratio Lower Upper

172 100

171 36.9 31.6 47.4

170 25.1 21.4 32.2

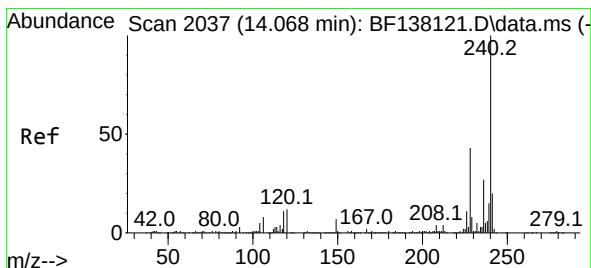
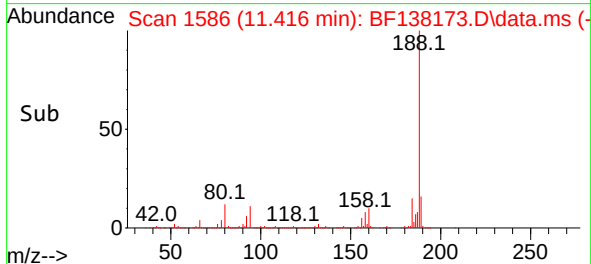
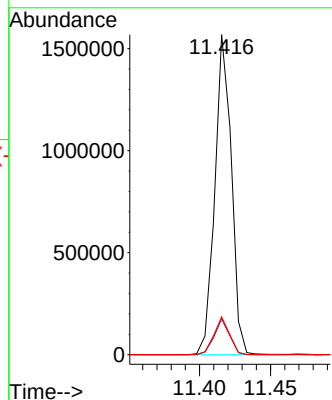
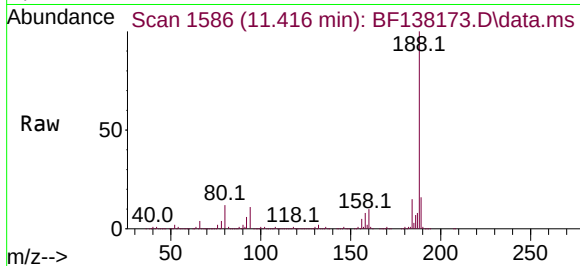




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

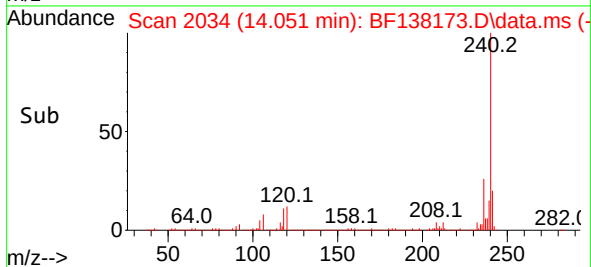
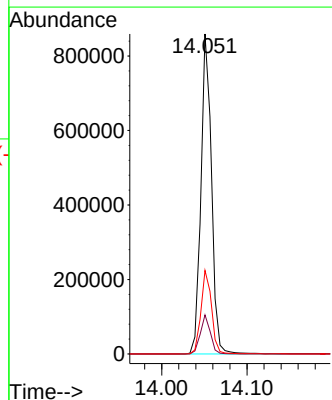
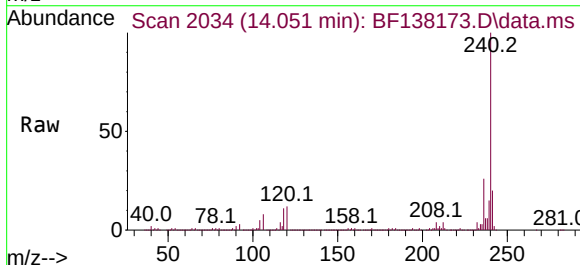
Instrument :
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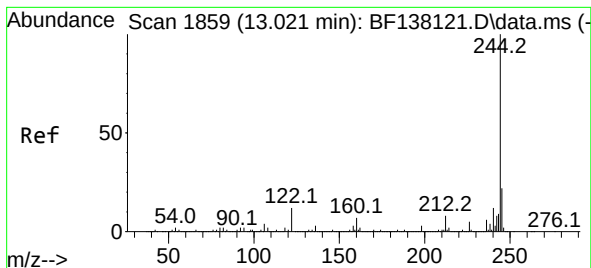
Tgt Ion:188 Resp: 1269823
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.8 7.7 11.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF138173.D
Acq: 10 Jun 2024 15:42

Tgt Ion:240 Resp: 739877
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.8
236 26.1 21.2 31.8





#79

Terphenyl-d14

Concen: 58.034 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.018 min

Lab File: BF138173.D

Acq: 10 Jun 2024 15:42

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-15)-COMP

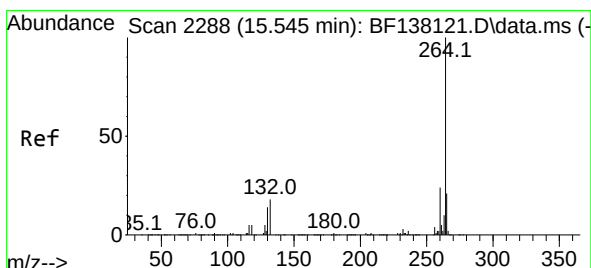
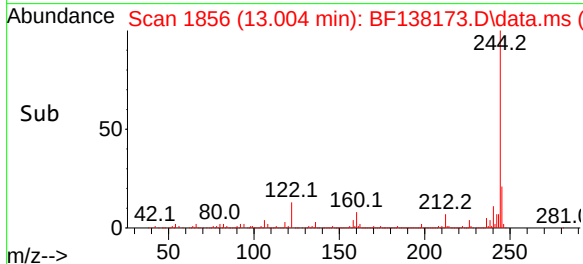
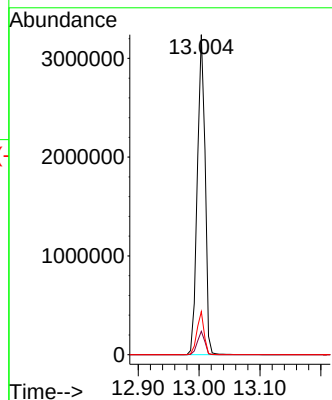
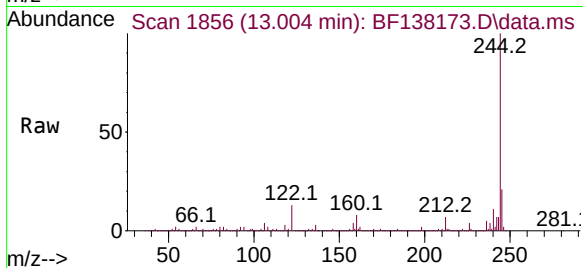
Tgt Ion:244 Resp: 2870677

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

122 13.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.012 min

Lab File: BF138173.D

Acq: 10 Jun 2024 15:42

Tgt Ion:264 Resp: 724469

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.0 17.1 25.7

