

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061024\
 Data File : BF138172.D
 Acq On : 10 Jun 2024 15:07
 Operator : CG\JU
 Sample : PB161401TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161401TB

Quant Time: Jun 10 15:38:09 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	390352	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	1487364	20.000	ng	-0.02
39) Acenaphthene-d10	9.933	164	797339	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	1386520	20.000	ng	#-0.02
76) Chrysene-d12	14.057	240	1012572	20.000	ng	-0.01
86) Perylene-d12	15.533	264	906607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2928049	127.836	ng	0.00
7) Phenol-d6	6.522	99	3597961	124.154	ng	-0.01
23) Nitrobenzene-d5	7.457	82	2099069	96.019	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	749588	97.687	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	3948623	86.592	ng	-0.01
79) Terphenyl-d14	13.010	244	4360647	64.414	ng	-0.01

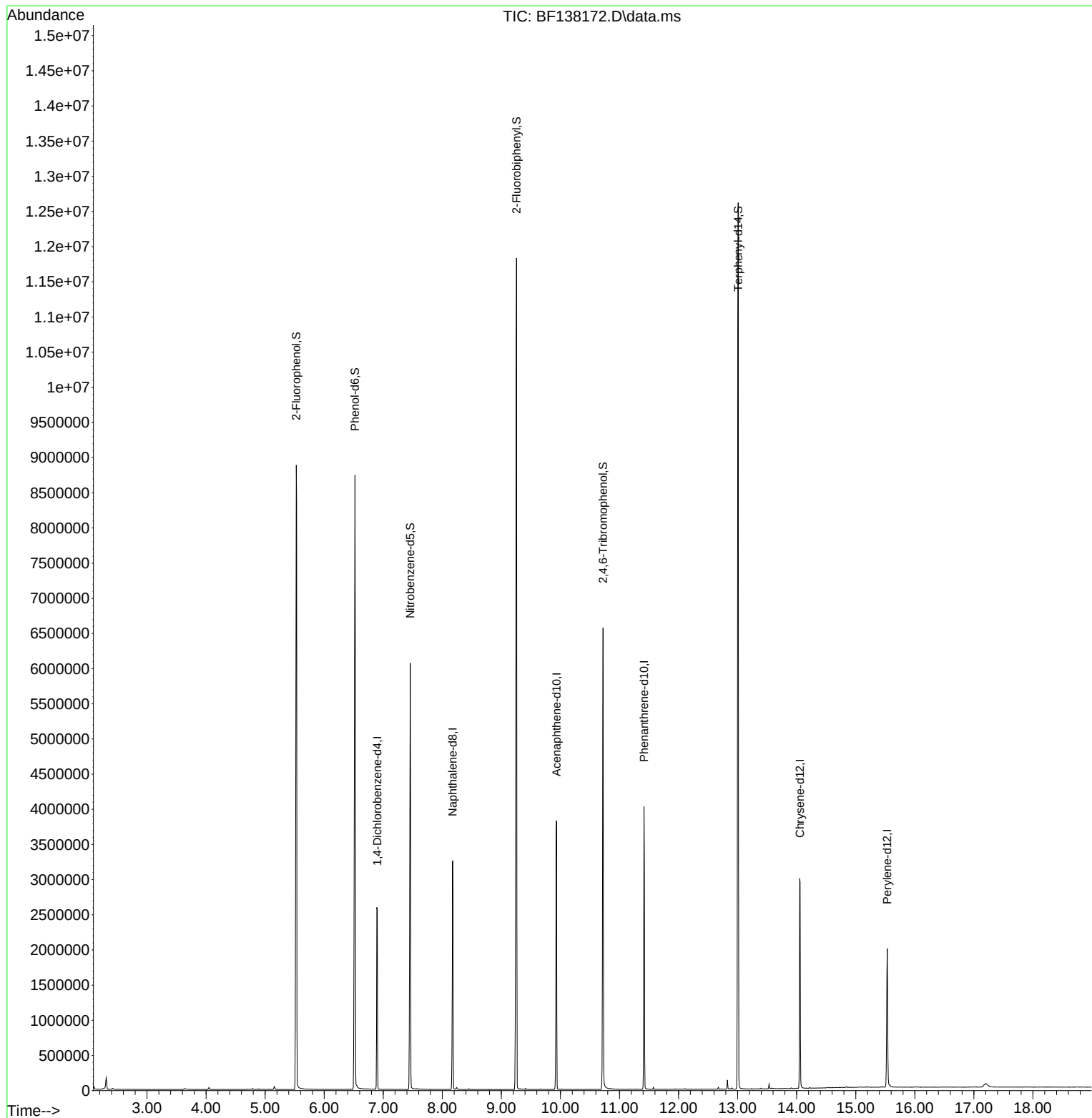
Target Compounds	Qvalue

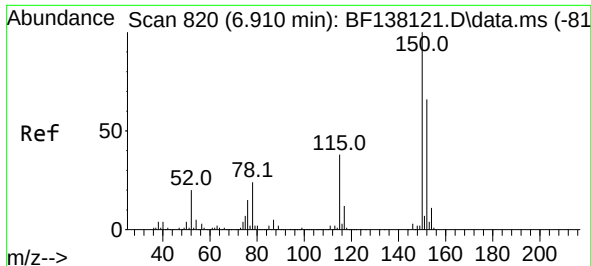
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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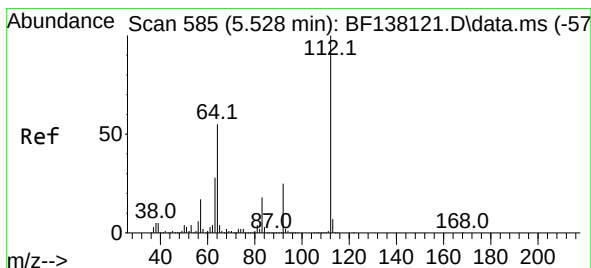
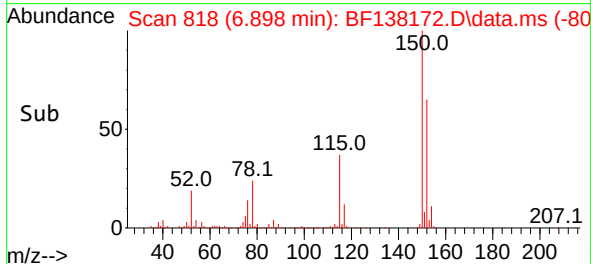
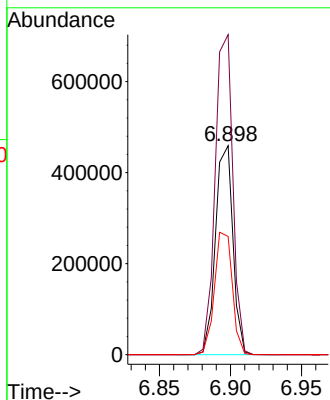
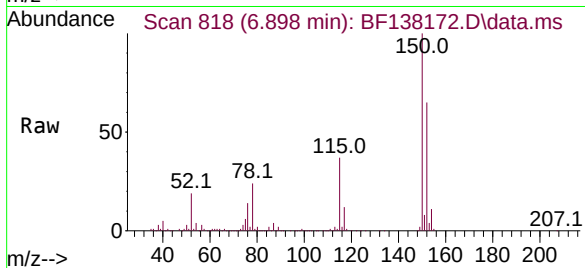




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138172.D
 Acq: 10 Jun 2024 15:07

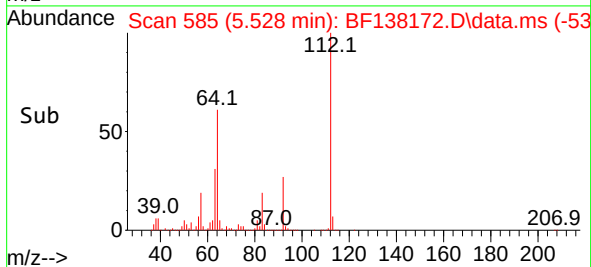
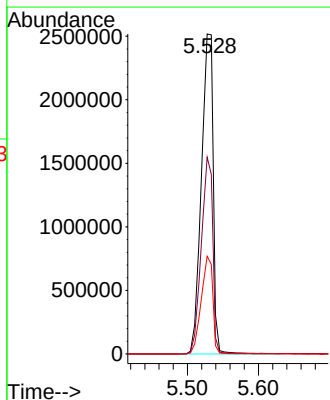
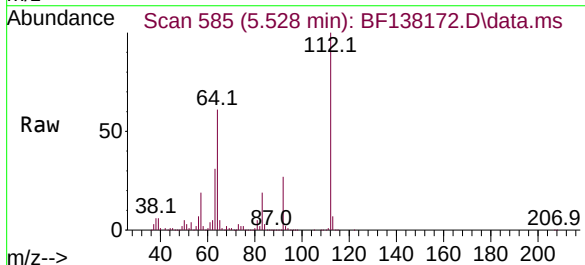
Instrument :
 BNA_F
 ClientSampleId :
 PB161401TB

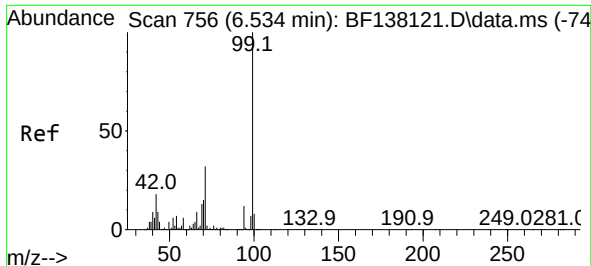
Tgt Ion:152 Resp: 390352
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.8 182.6
 115 56.5 46.2 69.2



#5
 2-Fluorophenol
 Concen: 127.836 ng
 RT: 5.528 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BF138172.D
 Acq: 10 Jun 2024 15:07

Tgt Ion:112 Resp: 2928049
 Ion Ratio Lower Upper
 112 100
 64 61.5 44.0 66.0
 63 30.6 22.1 33.1

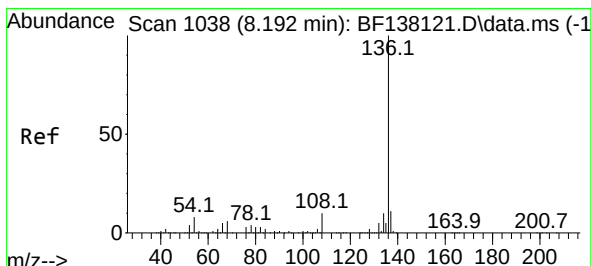
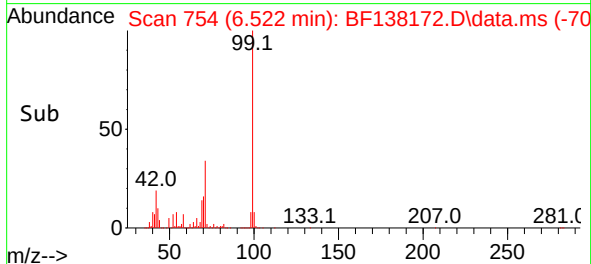
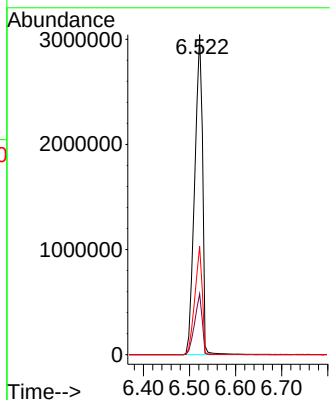
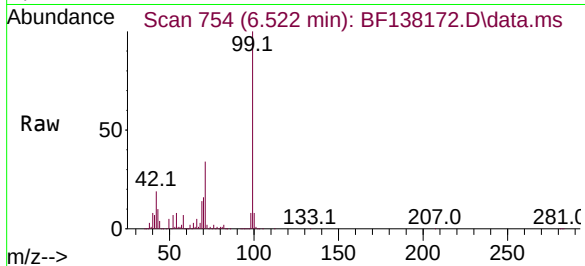




#7
Phenol-d6
Concen: 124.154 ng
RT: 6.522 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF138172.D
Acq: 10 Jun 2024 15:07

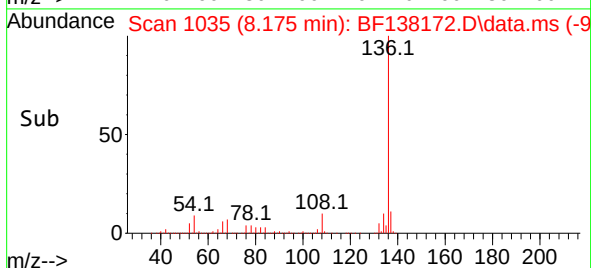
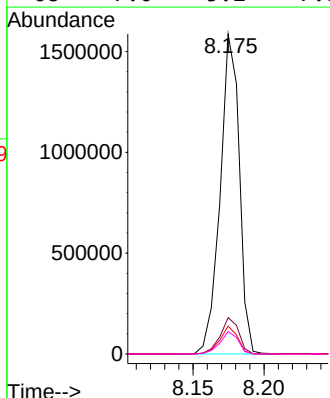
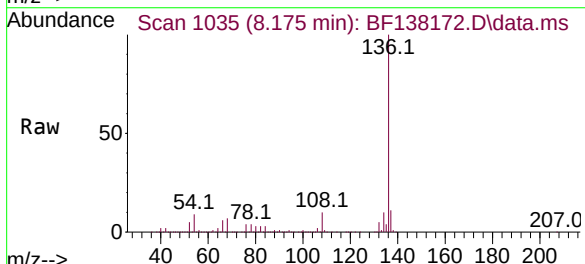
Instrument :
BNA_F
ClientSampleId :
PB161401TB

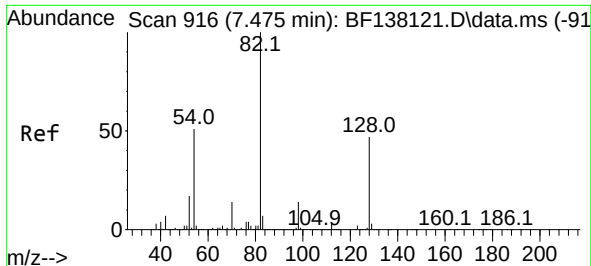
Tgt Ion: 99 Resp: 3597961
Ion Ratio Lower Upper
99 100
42 19.0 14.4 21.6
71 33.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.018 min
Lab File: BF138172.D
Acq: 10 Jun 2024 15:07

Tgt Ion: 136 Resp: 1487364
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.7 6.2 9.2
68 7.0 5.2 7.8

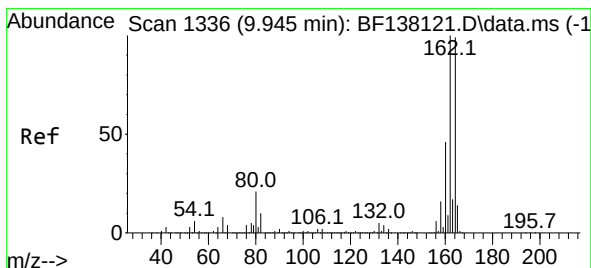
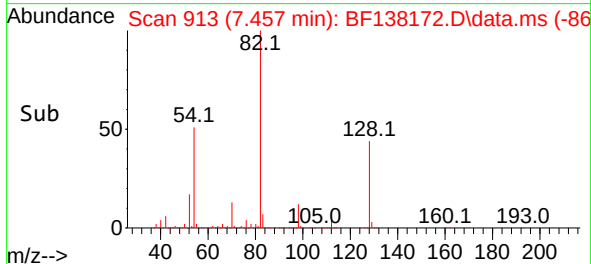
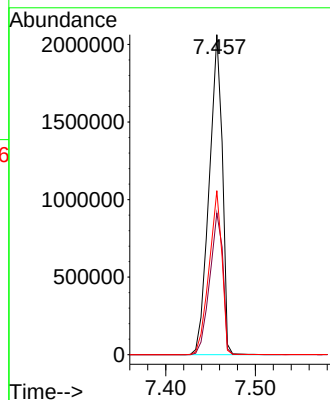
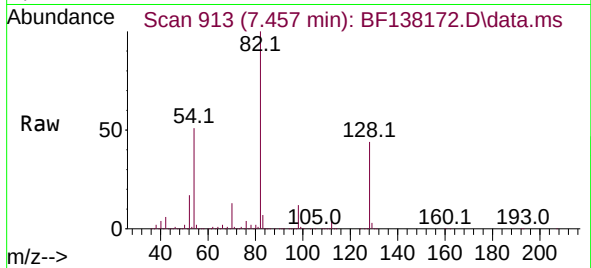




#23
Nitrobenzene-d5
Concen: 96.019 ng
RT: 7.457 min Scan# 916
Delta R.T. -0.018 min
Lab File: BF138172.D
Acq: 10 Jun 2024 15:07

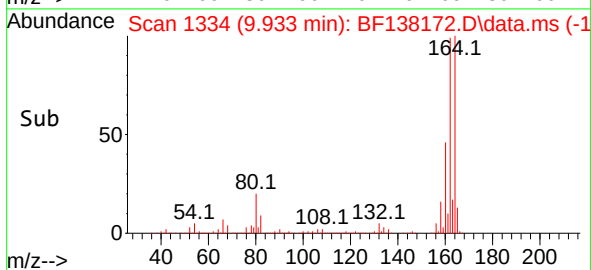
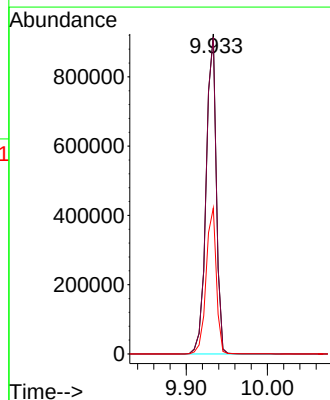
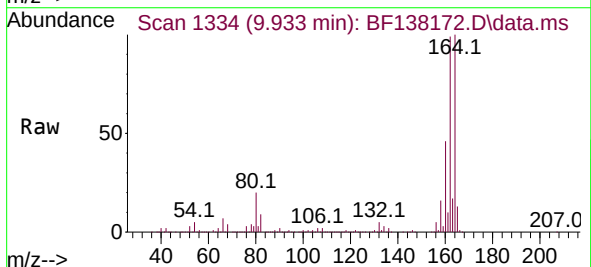
Instrument :
BNA_F
ClientSampleId :
PB161401TB

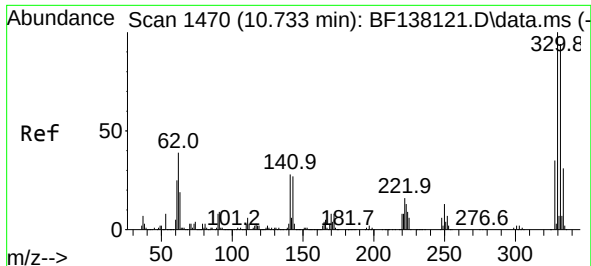
Tgt Ion: 82 Resp: 2099069
Ion Ratio Lower Upper
82 100
128 44.3 37.7 56.5
54 51.2 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF138172.D
Acq: 10 Jun 2024 15:07

Tgt Ion: 164 Resp: 797339
Ion Ratio Lower Upper
164 100
162 98.9 80.9 121.3
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 97.687 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.011 min

Lab File: BF138172.D

Acq: 10 Jun 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB161401TB

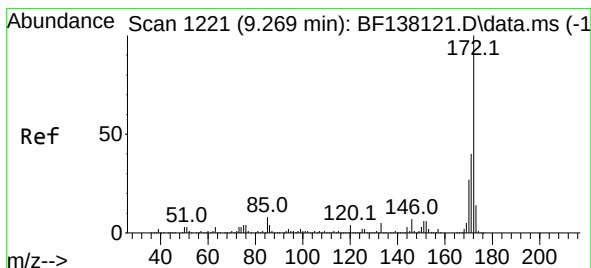
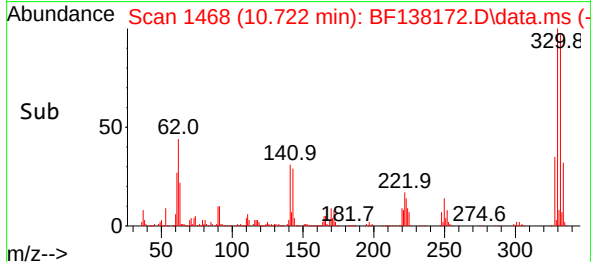
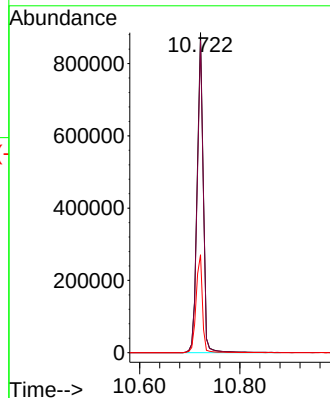
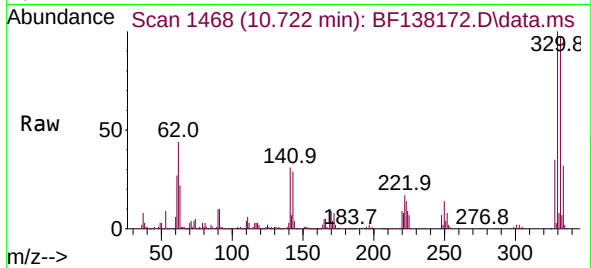
Tgt Ion:330 Resp: 749588

Ion Ratio Lower Upper

330 100

332 96.9 75.8 113.8

141 31.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 86.592 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF138172.D

Acq: 10 Jun 2024 15:07

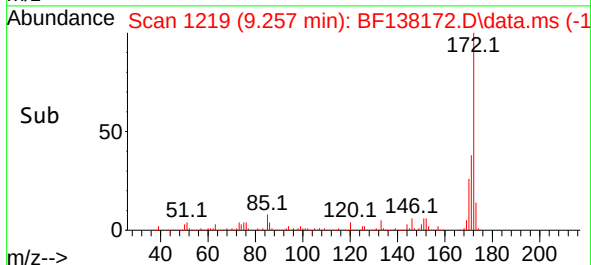
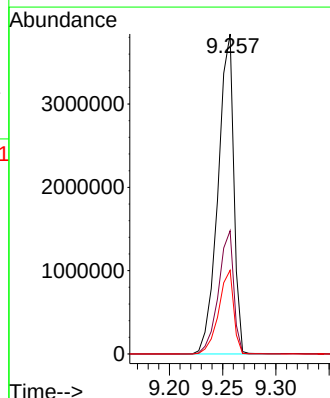
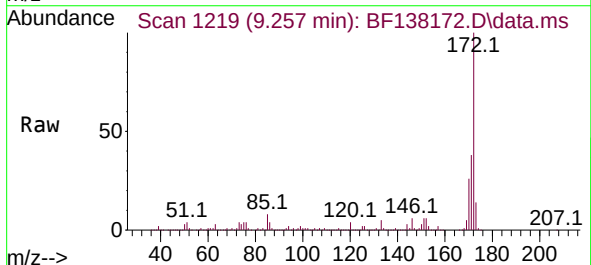
Tgt Ion:172 Resp: 3948623

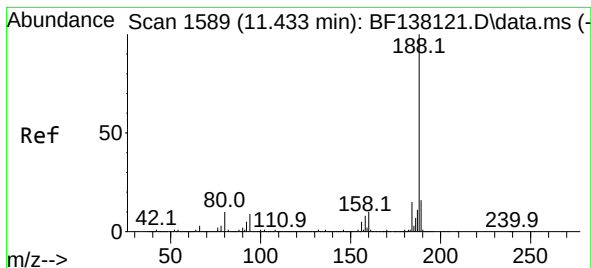
Ion Ratio Lower Upper

172 100

171 38.5 31.6 47.4

170 26.2 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138172.D

Acq: 10 Jun 2024 15:07

Instrument :

BNA_F

ClientSampleId :

PB161401TB

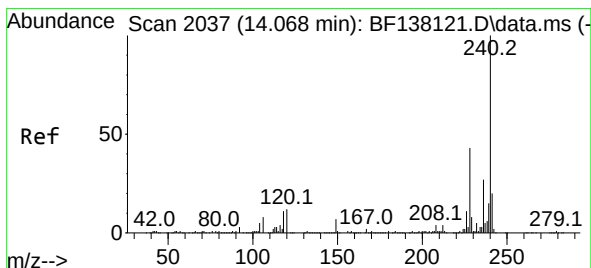
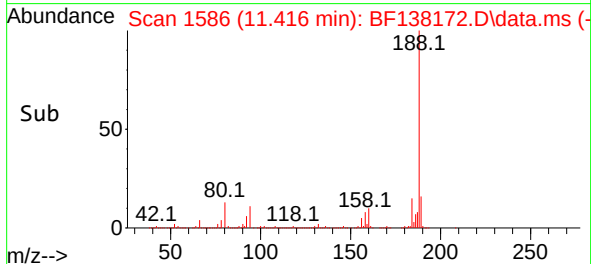
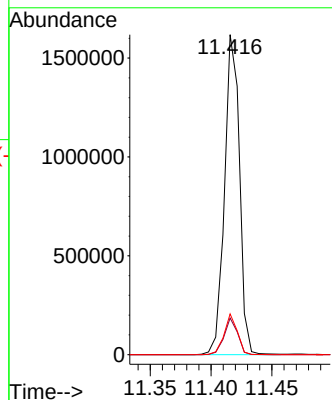
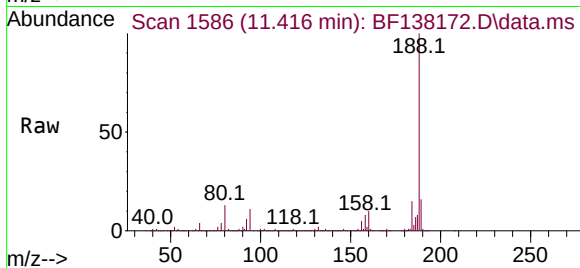
Tgt Ion:188 Resp: 1386520

Ion Ratio Lower Upper

188 100

94 11.5 7.4 11.2#

80 12.8 7.7 11.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.011 min

Lab File: BF138172.D

Acq: 10 Jun 2024 15:07

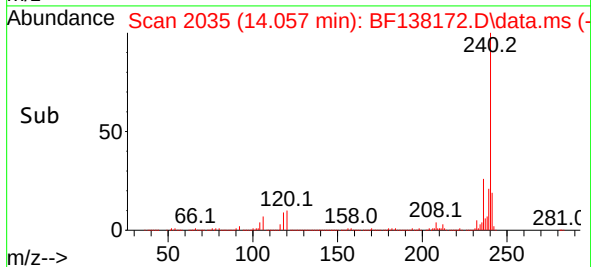
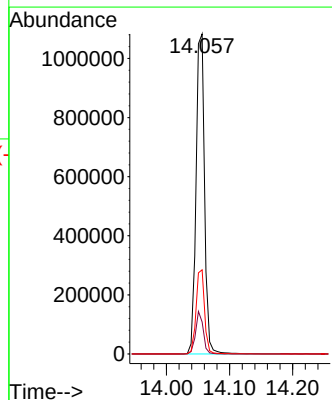
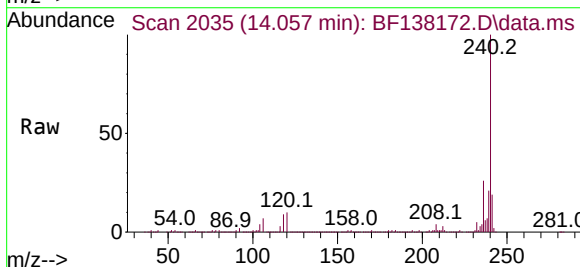
Tgt Ion:240 Resp: 1012572

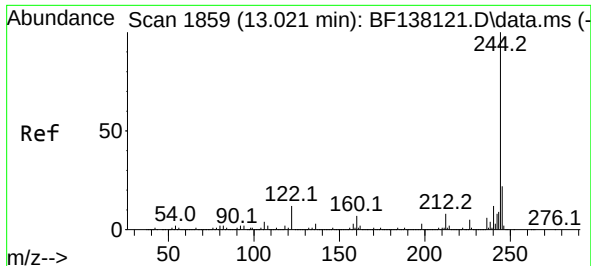
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 26.3 21.2 31.8

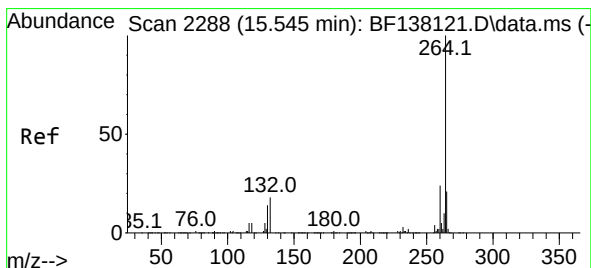
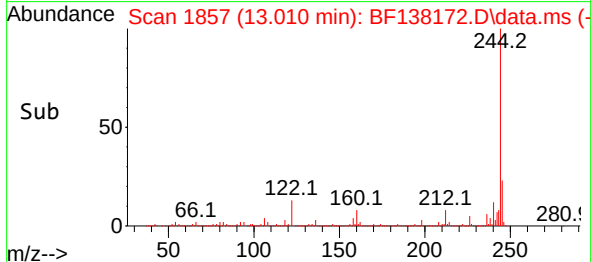
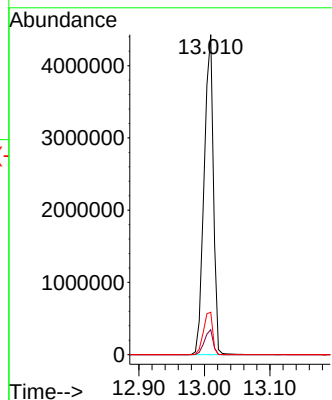
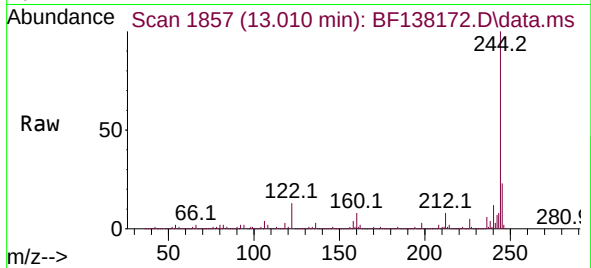




#79
 Terphenyl-d14
 Concen: 64.414 ng
 RT: 13.010 min Scan# 1859
 Delta R.T. -0.012 min
 Lab File: BF138172.D
 Acq: 10 Jun 2024 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB161401TB

Tgt Ion:244 Resp: 4360647
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.3 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: BF138172.D
 Acq: 10 Jun 2024 15:07

Tgt Ion:264 Resp: 906607
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.1 17.1 25.7

