

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138331.D
 Acq On : 25 Jun 2024 13:35
 Operator : CG\JU
 Sample : P2998-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Quant Time: Jun 25 13:58:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	209466	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	813249	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	471477	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	920324	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	551960	20.000	ng	0.00
86) Perylene-d12	15.521	264	414495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1661253	132.670	ng	0.02
7) Phenol-d6	6.522	99	1999627	125.937	ng	0.00
23) Nitrobenzene-d5	7.451	82	1263469	90.445	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	774185	164.943	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2479388	83.622	ng	0.00
79) Terphenyl-d14	12.998	244	3412769	97.928	ng	0.00

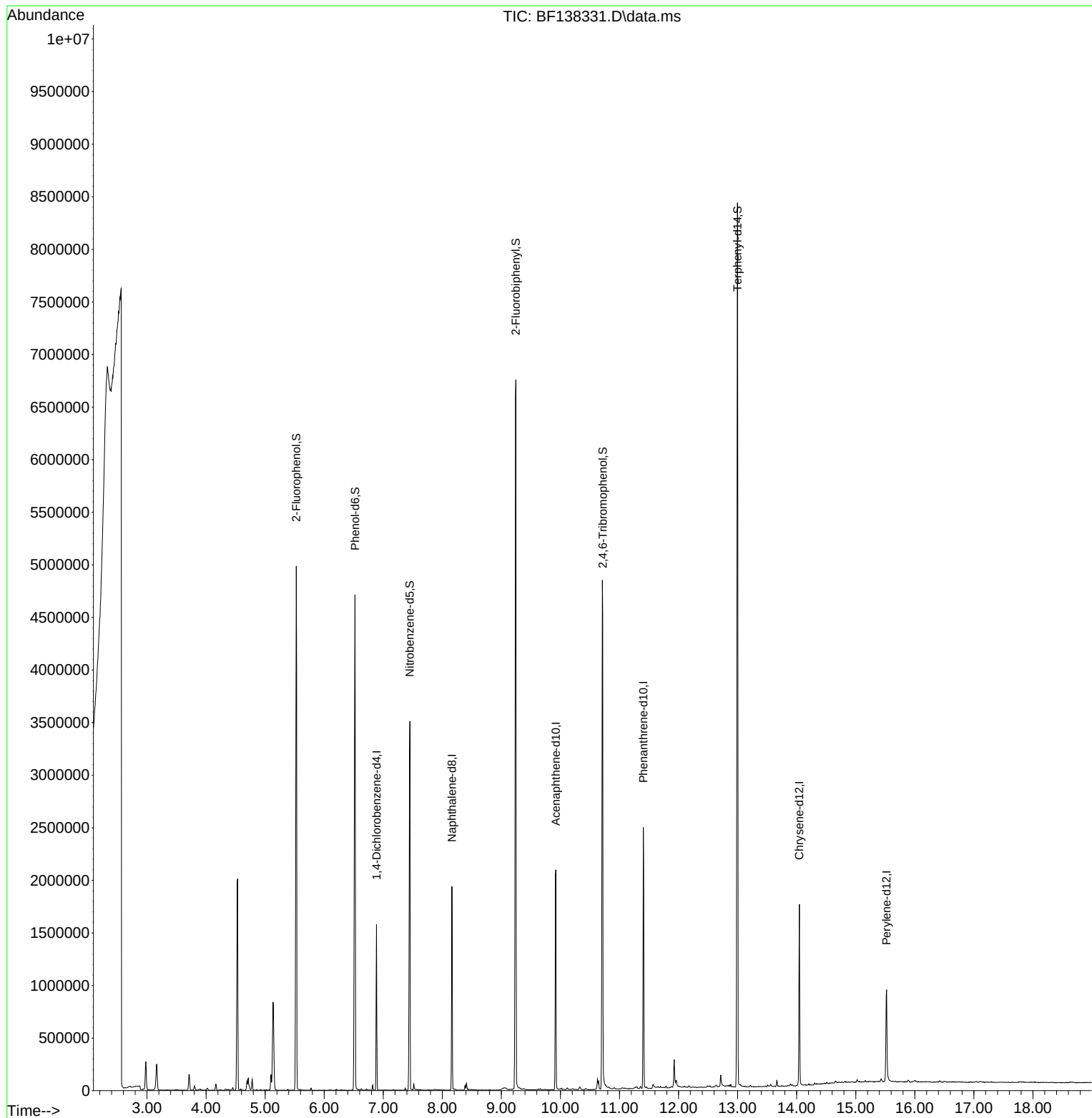
Target Compounds	Qvalue

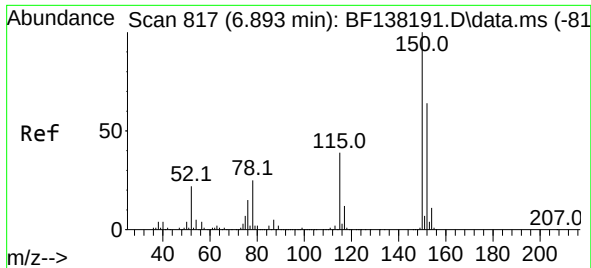
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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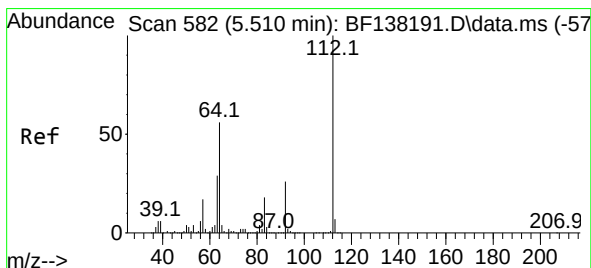
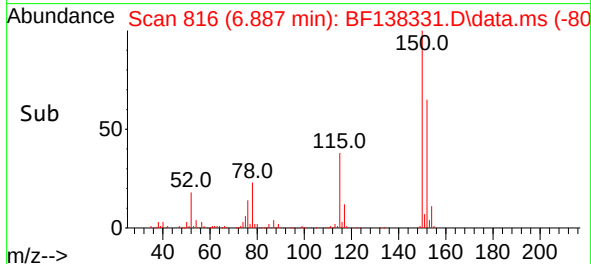
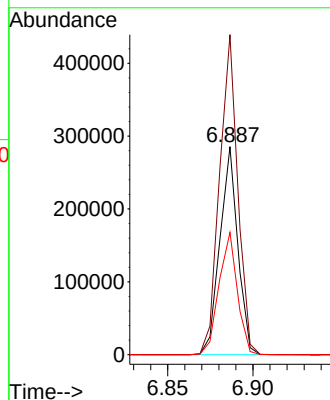
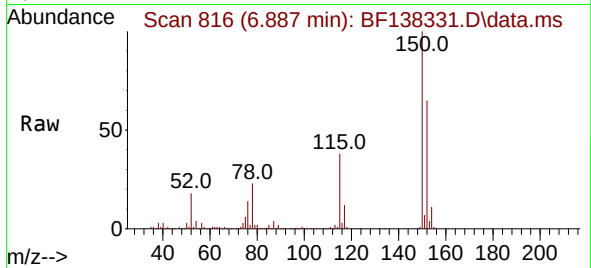




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

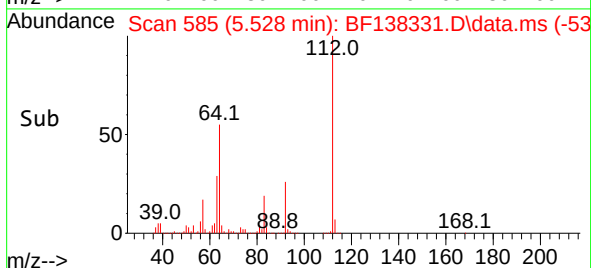
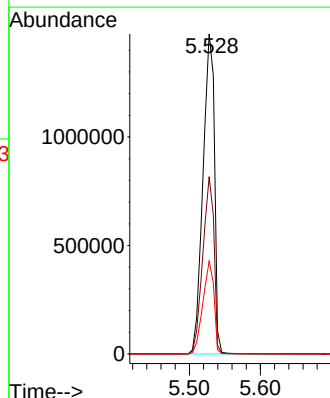
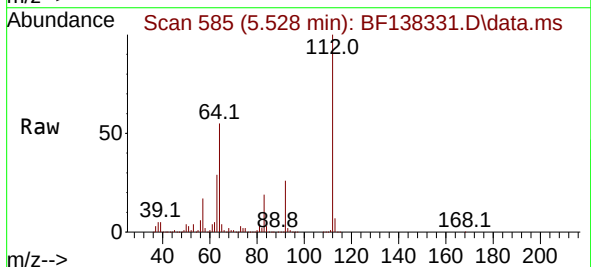
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

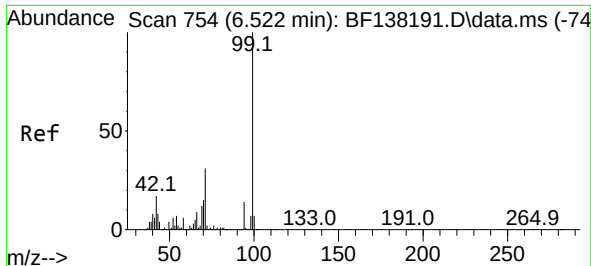
Tgt Ion:152 Resp: 209466
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 58.8 48.4 72.6



#5
2-Fluorophenol
Concen: 132.670 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion:112 Resp: 1661253
Ion Ratio Lower Upper
112 100
64 55.4 45.2 67.8
63 29.0 22.9 34.3





#7

Phenol-d6

Concen: 125.937 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

Instrument :

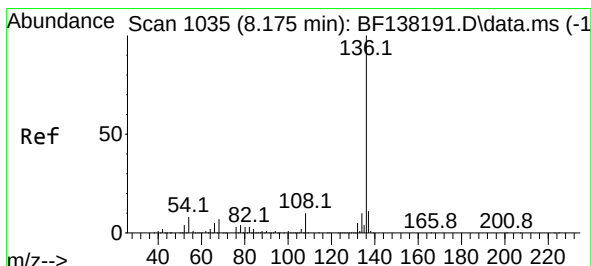
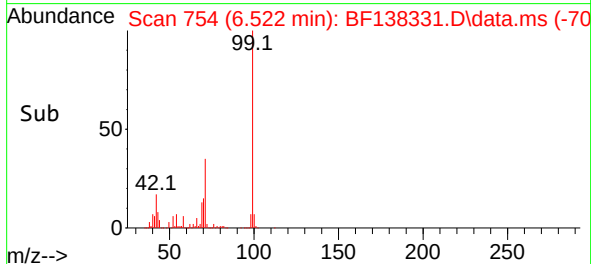
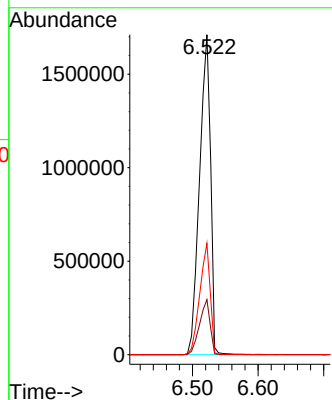
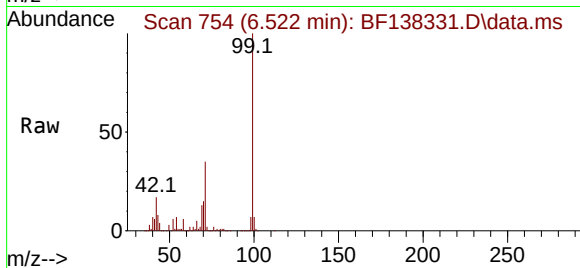
BNA_F

ClientSampleId :

WCS-TPL

Tgt Ion: 99 Resp: 1999627

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	34.8	25.0	37.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

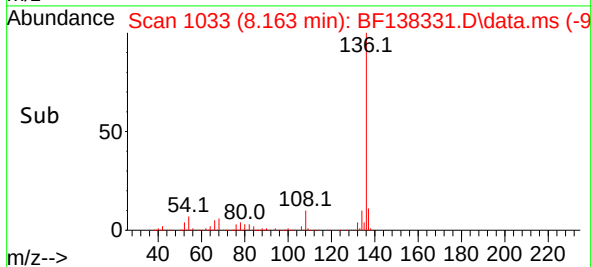
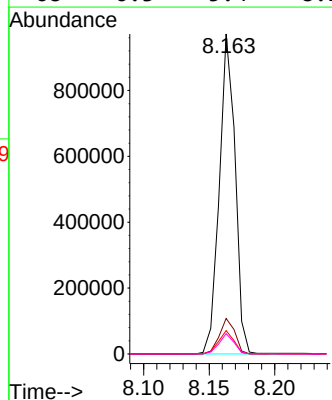
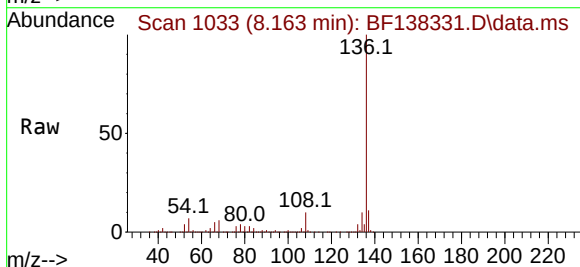
Delta R.T. -0.012 min

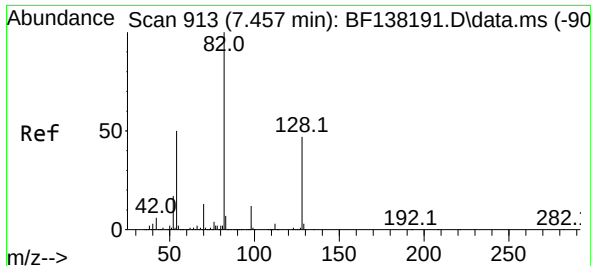
Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

Tgt Ion: 136 Resp: 813249

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	6.6	10.0
68	6.3	5.4	8.2

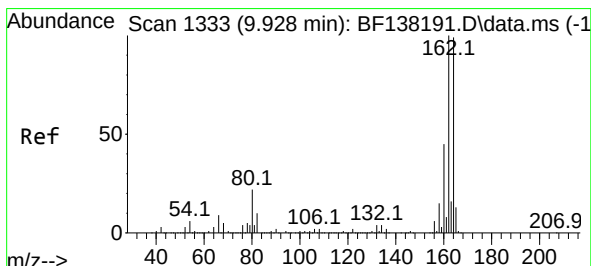
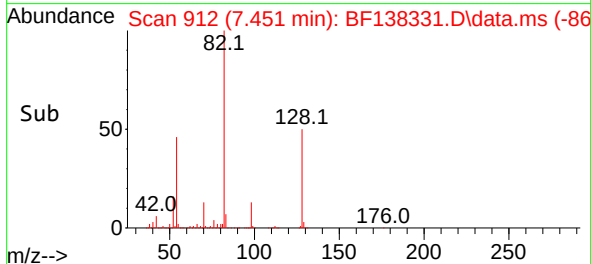
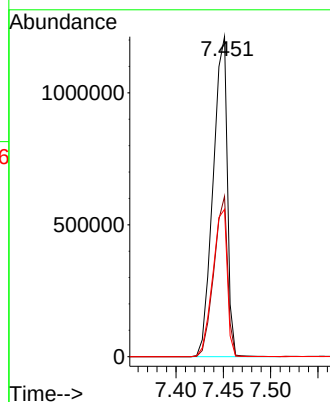
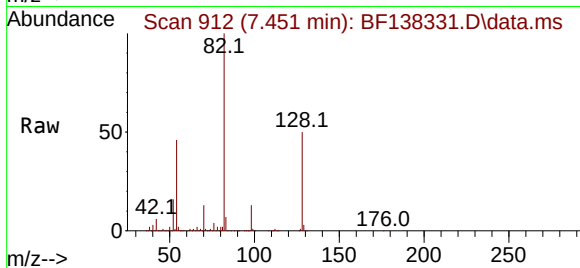




#23
Nitrobenzene-d5
Concen: 90.445 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

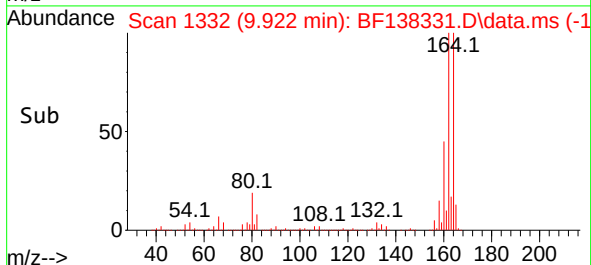
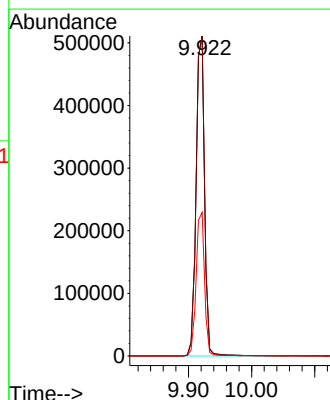
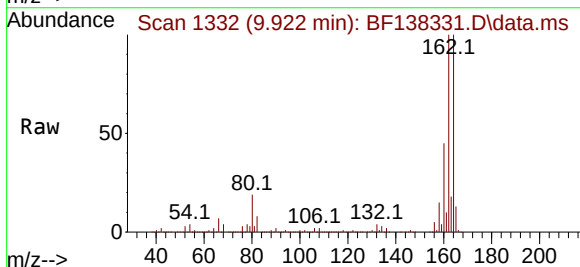
Instrument :
BNA_F
ClientSampleId :
WCS-TPL

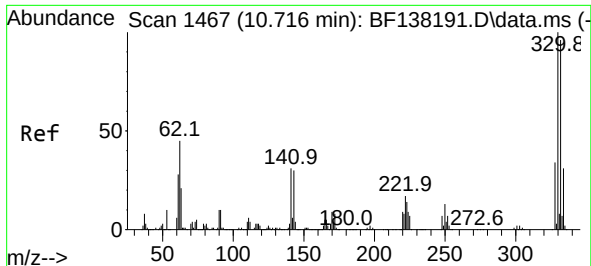
Tgt Ion: 82 Resp: 1263469
Ion Ratio Lower Upper
82 100
128 50.1 37.2 55.8
54 46.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138331.D
Acq: 25 Jun 2024 13:35

Tgt Ion: 164 Resp: 471477
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.9 36.3 54.5

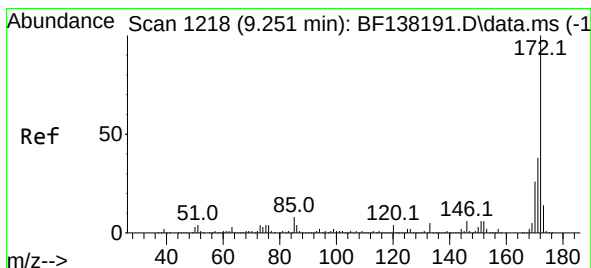
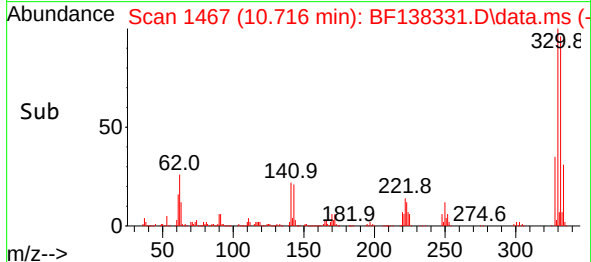
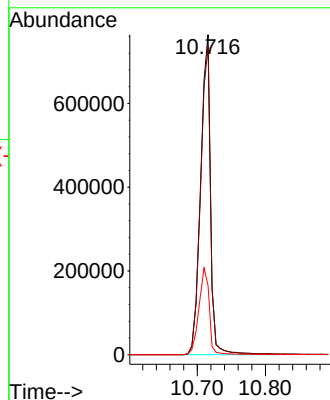
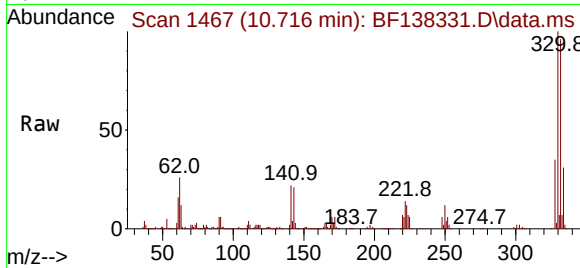




#42
 2,4,6-Tribromophenol
 Concen: 164.943 ng
 RT: 10.716 min Scan# 1467
 Delta R.T. -0.000 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

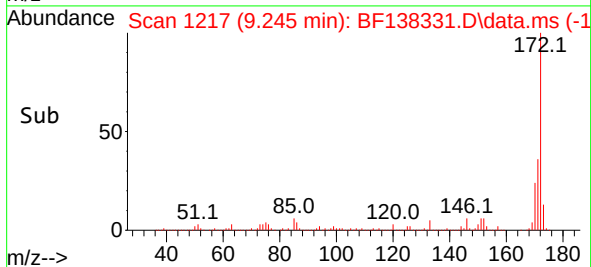
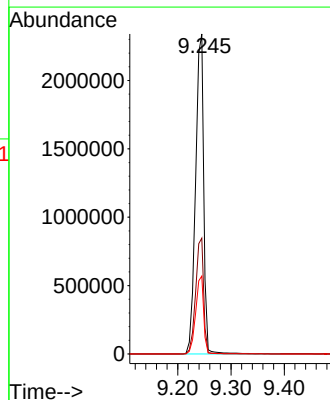
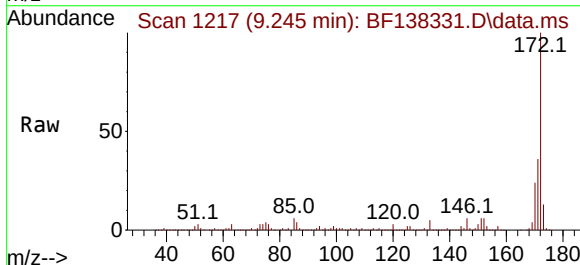
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

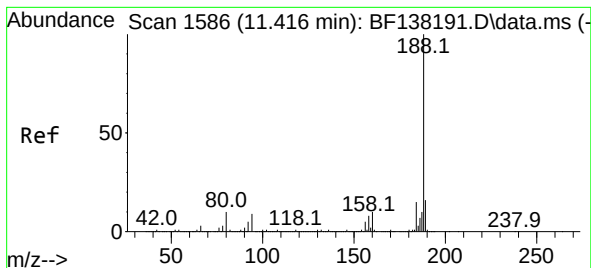
Tgt Ion:330 Resp: 774185
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 28.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 83.622 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

Tgt Ion:172 Resp: 2479388
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.3 45.5
 170 24.3 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WCS-TPL

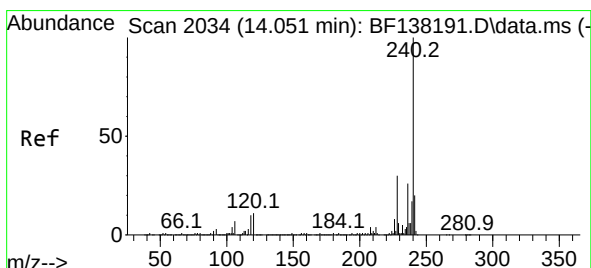
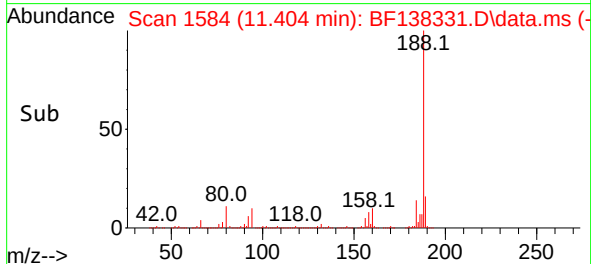
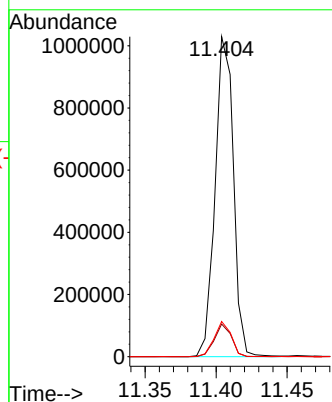
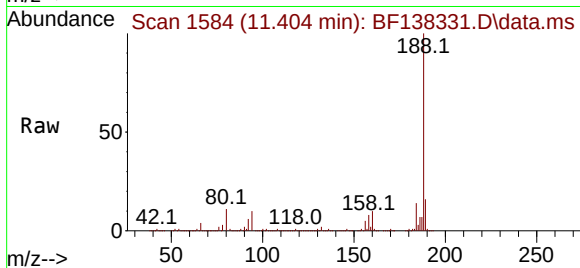
Tgt Ion:188 Resp: 920324

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 11.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138331.D

Acq: 25 Jun 2024 13:35

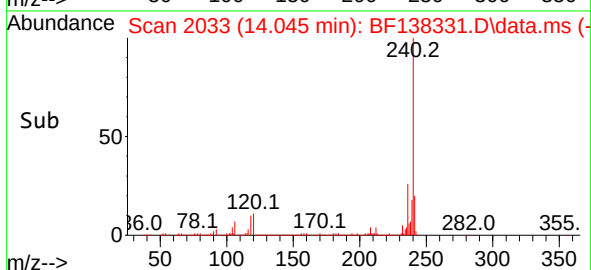
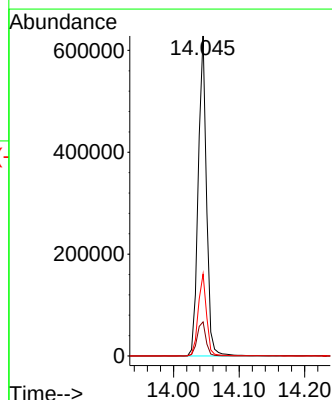
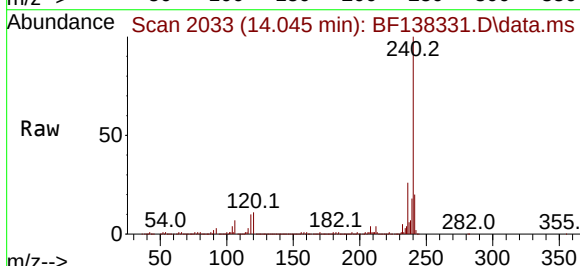
Tgt Ion:240 Resp: 551960

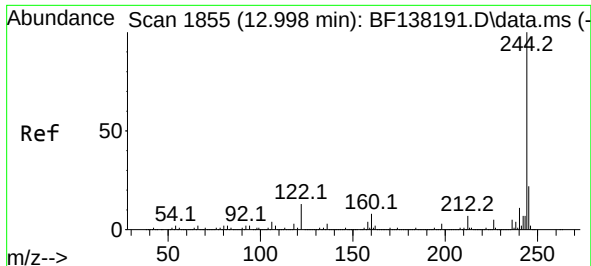
Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 25.6 21.0 31.6

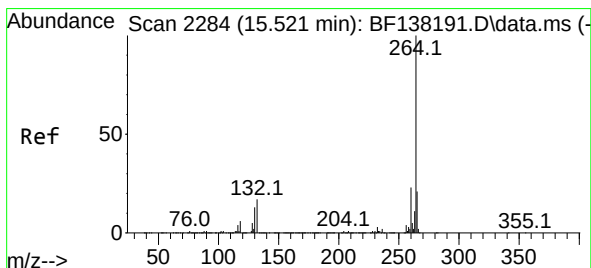
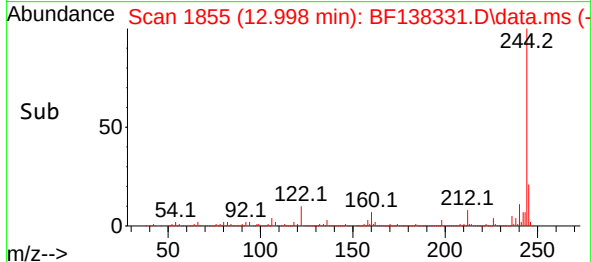
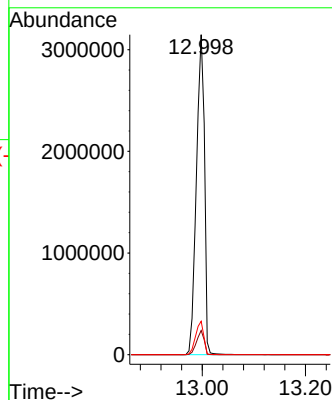
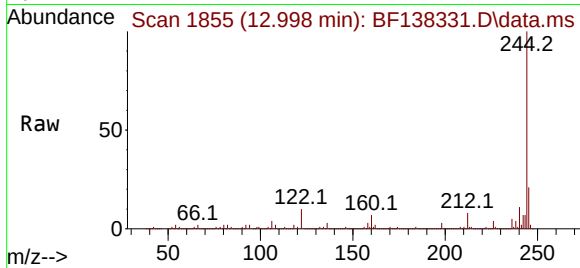




#79
 Terphenyl-d14
 Concen: 97.928 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPL

Tgt Ion:244 Resp: 3412769
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.5 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138331.D
 Acq: 25 Jun 2024 13:35

Tgt Ion:264 Resp: 414495
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 20.9 17.0 25.6

