

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138152.D
 Acq On : 07 Jun 2024 11:04
 Operator : CG\JU
 Sample : PB161349BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161349BL

Quant Time: Jun 07 11:29:19 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	6.904	152	364351	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1413426	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	816914	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1526429	20.000	ng	0.00
76) Chrysene-d12	14.063	240	973800	20.000	ng	0.00
86) Perylene-d12	15.545	264	627210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2860835	133.815	ng	0.01
7) Phenol-d6	6.534	99	3463604	128.047	ng	0.00
23) Nitrobenzene-d5	7.469	82	2136465	102.842	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1157768	147.266	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4207985	90.069	ng	0.00
79) Terphenyl-d14	13.016	244	5133053	78.842	ng	0.00

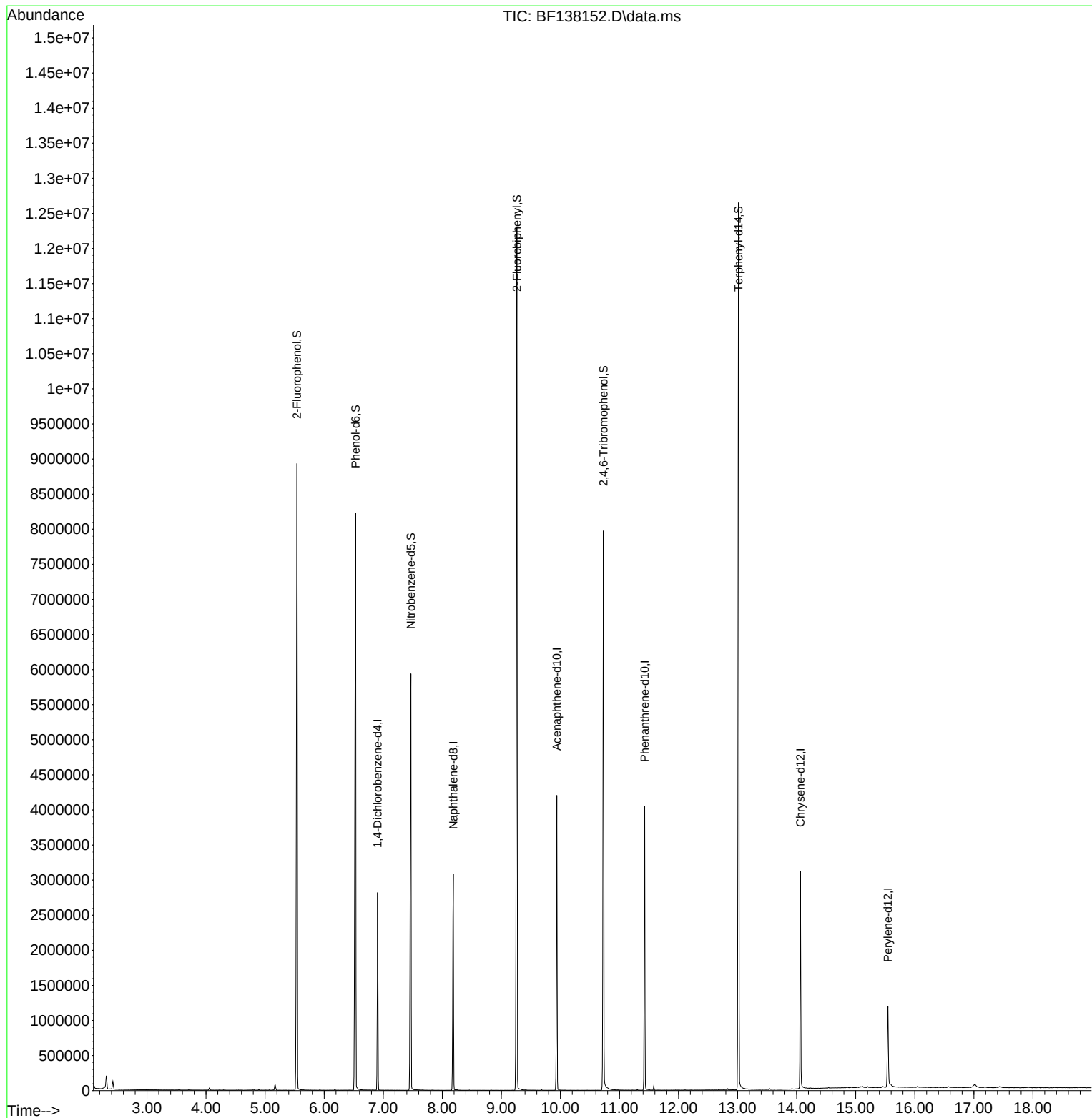
Target Compounds	Qvalue

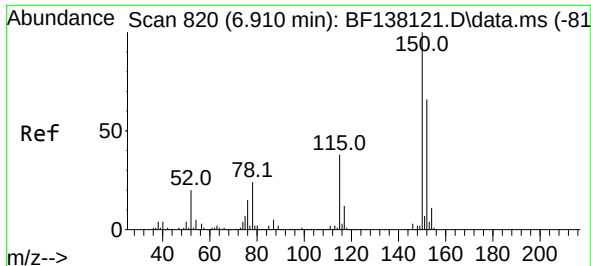
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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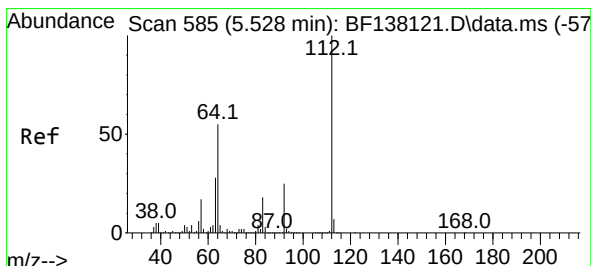
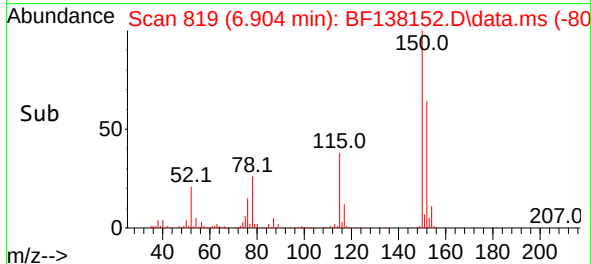
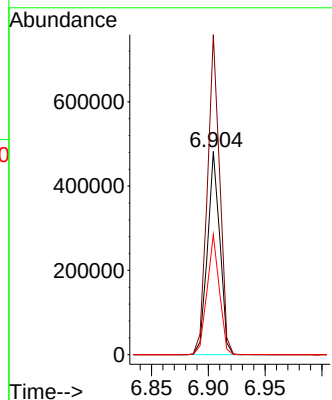
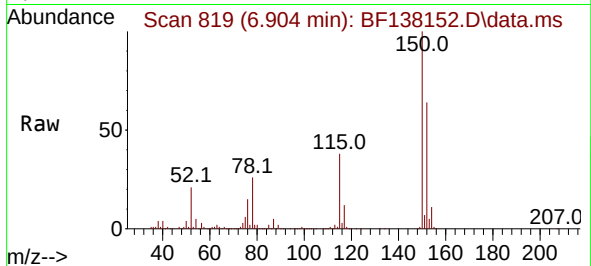




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138152.D
 Acq: 07 Jun 2024 11:04

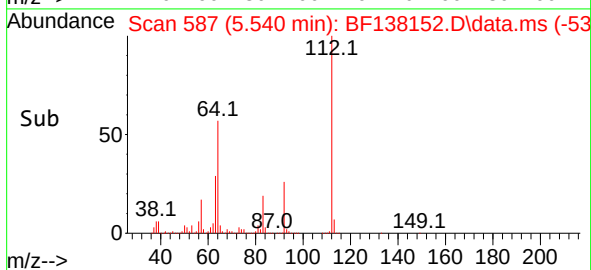
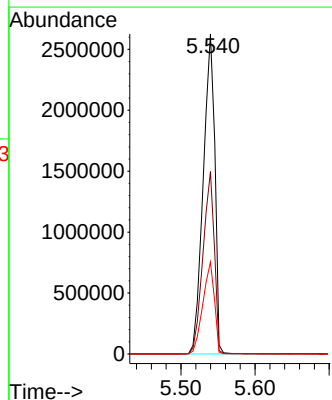
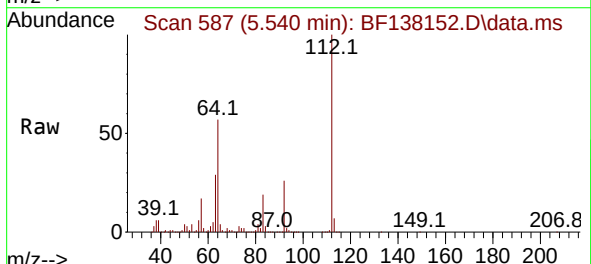
Instrument :
 BNA_F
 ClientSampleId :
 PB161349BL

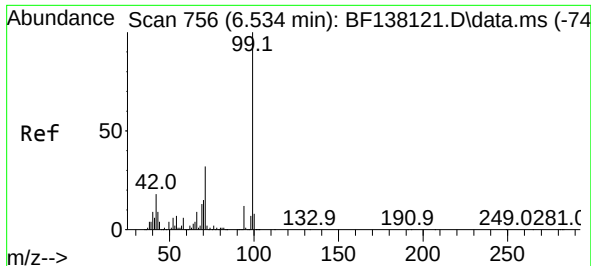
Tgt Ion:152 Resp: 364351
 Ion Ratio Lower Upper
 152 100
 150 157.4 121.8 182.6
 115 59.1 46.2 69.2



#5
 2-Fluorophenol
 Concen: 133.815 ng
 RT: 5.540 min Scan# 587
 Delta R.T. 0.012 min
 Lab File: BF138152.D
 Acq: 07 Jun 2024 11:04

Tgt Ion:112 Resp: 2860835
 Ion Ratio Lower Upper
 112 100
 64 57.0 44.0 66.0
 63 28.8 22.1 33.1



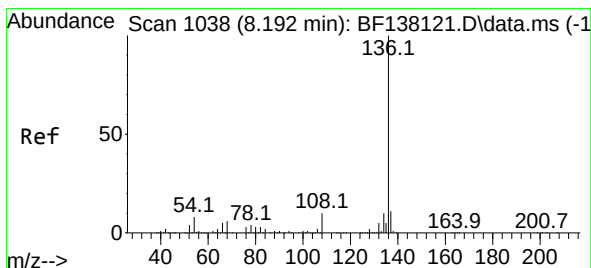
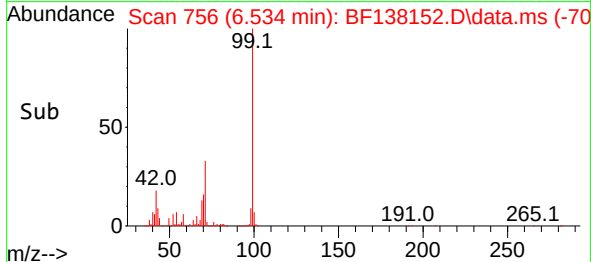
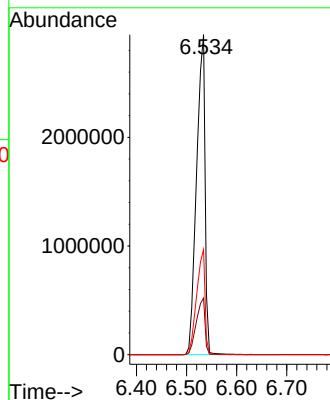
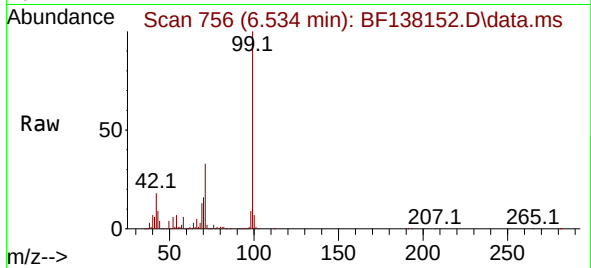


#7
Phenol-d6
Concen: 128.047 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB161349BL

Tgt Ion: 99 Resp: 3463604

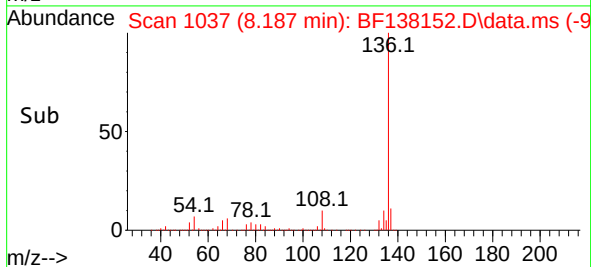
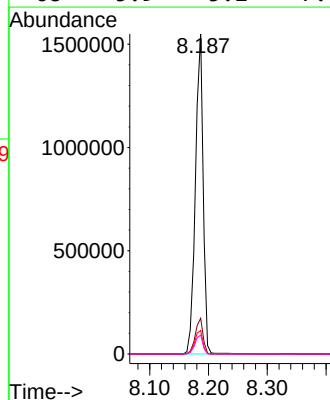
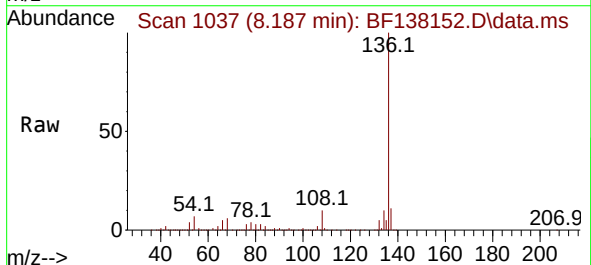
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	32.8	25.5	38.3

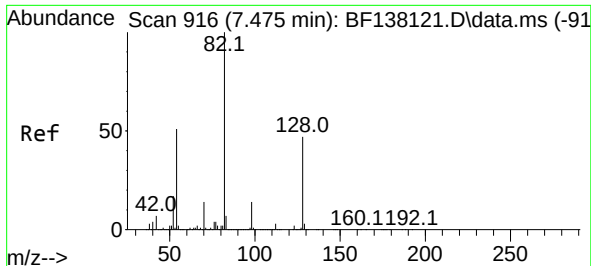


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion: 136 Resp: 1413426

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	6.2	9.2
68	5.9	5.2	7.8

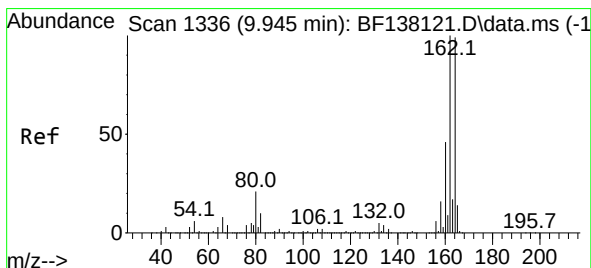
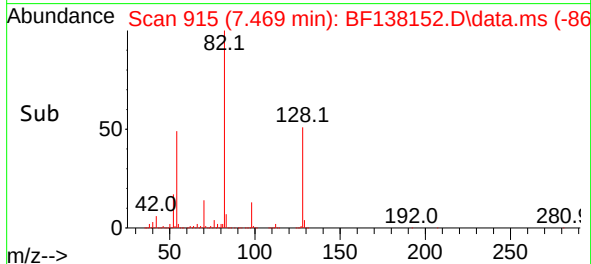
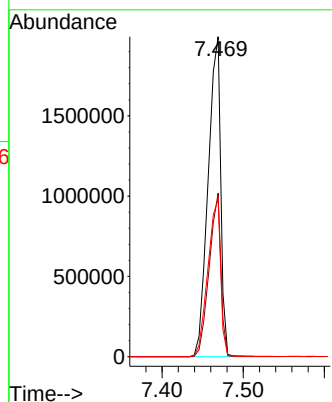
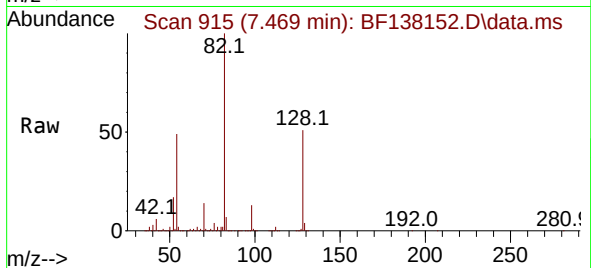




#23
Nitrobenzene-d5
Concen: 102.842 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

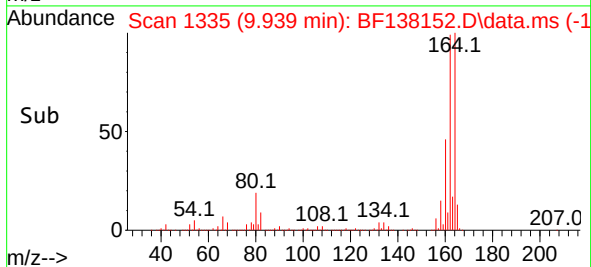
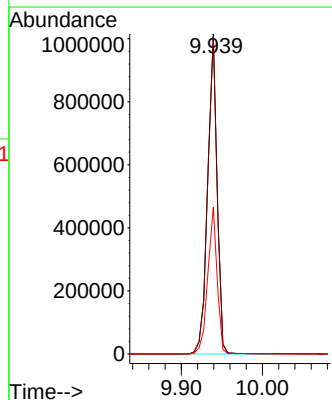
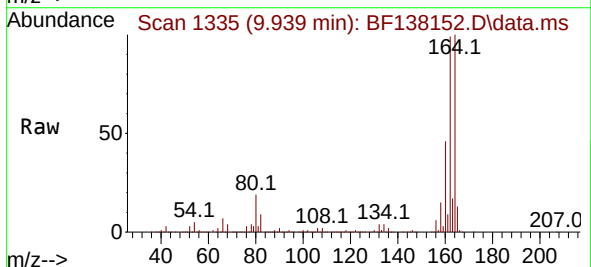
Instrument :
BNA_F
ClientSampleId :
PB161349BL

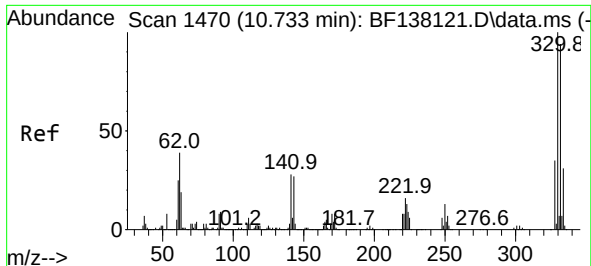
Tgt Ion: 82 Resp: 2136465
Ion Ratio Lower Upper
82 100
128 51.1 37.7 56.5
54 49.2 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:164 Resp: 816914
Ion Ratio Lower Upper
164 100
162 99.1 80.9 121.3
160 45.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 147.266 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138152.D

Acq: 07 Jun 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB161349BL

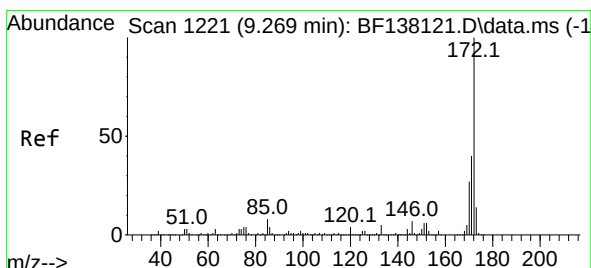
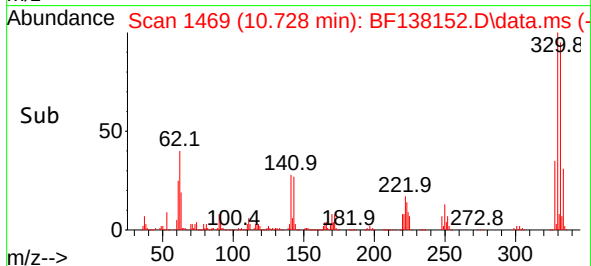
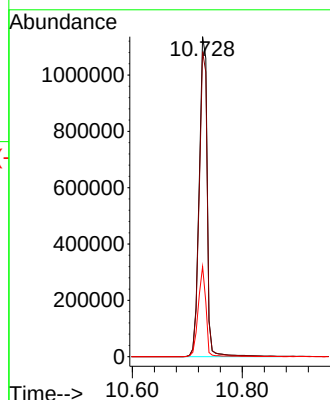
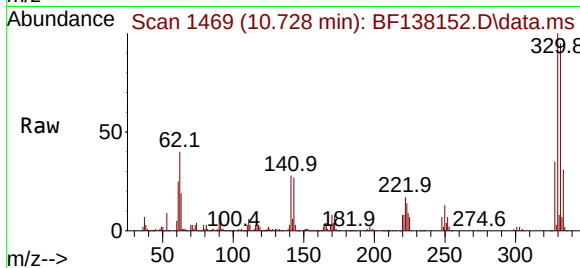
Tgt Ion:330 Resp: 1157768

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.8

141 27.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 90.069 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138152.D

Acq: 07 Jun 2024 11:04

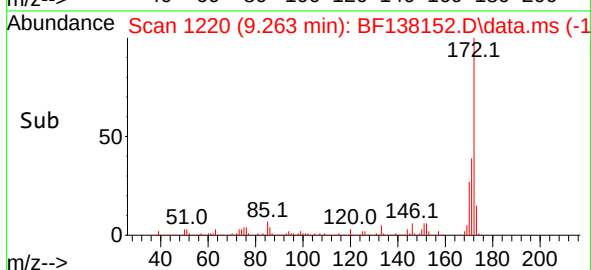
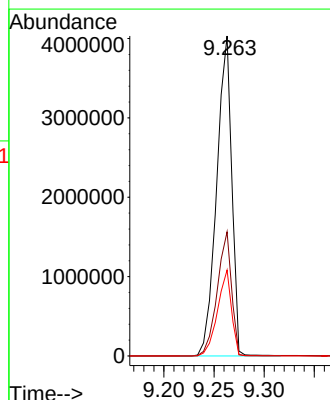
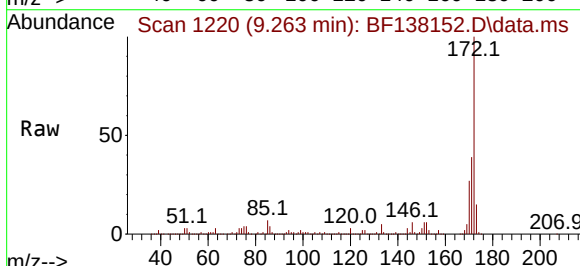
Tgt Ion:172 Resp: 4207985

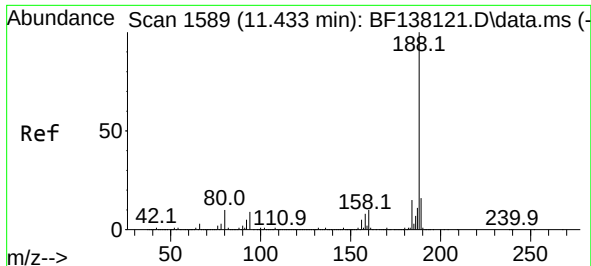
Ion Ratio Lower Upper

172 100

171 38.8 31.6 47.4

170 26.8 21.4 32.2

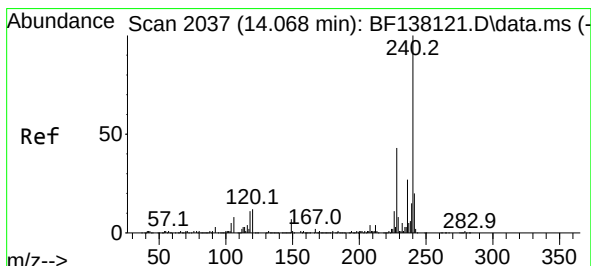
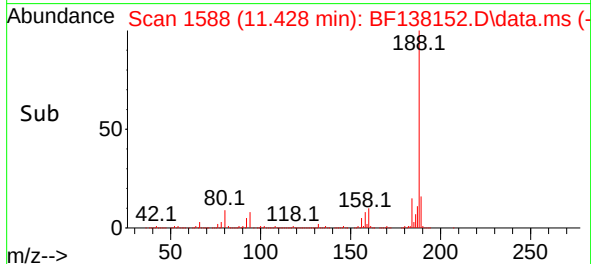
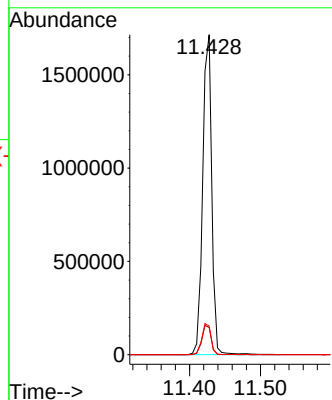
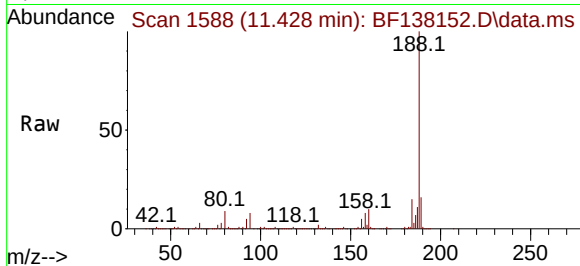




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

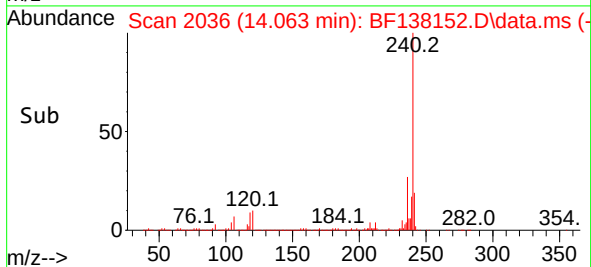
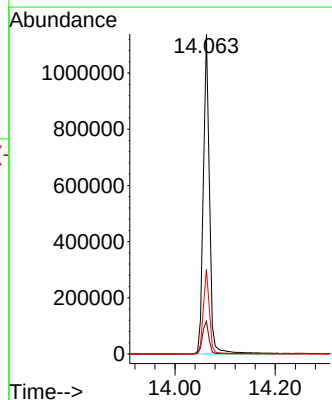
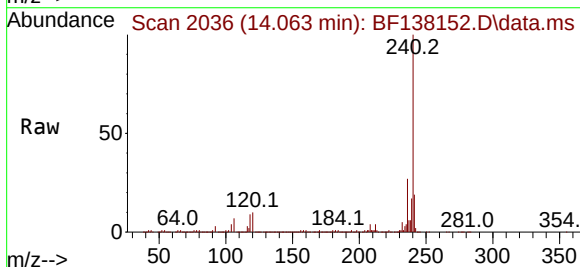
Instrument :
BNA_F
ClientSampleId :
PB161349BL

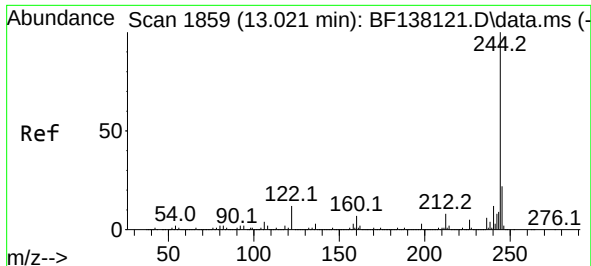
Tgt Ion:188 Resp: 1526429
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138152.D
Acq: 07 Jun 2024 11:04

Tgt Ion:240 Resp: 973800
Ion Ratio Lower Upper
240 100
120 10.2 9.8 14.8
236 26.5 21.2 31.8

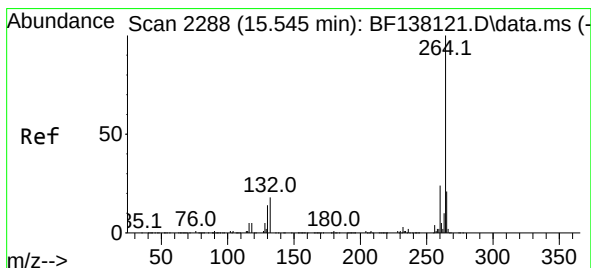
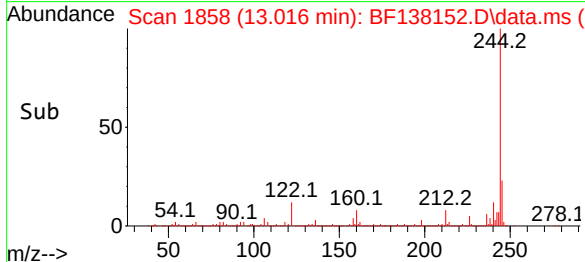
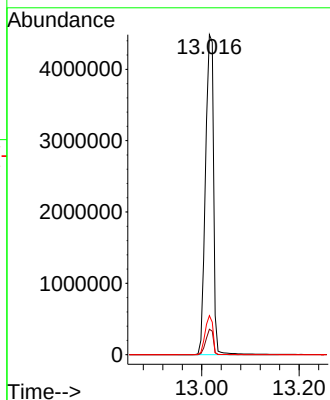
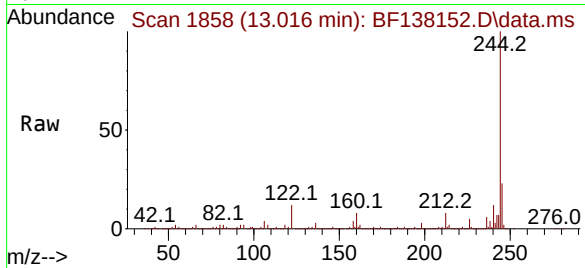




#79
 Terphenyl-d14
 Concen: 78.842 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. -0.006 min
 Lab File: BF138152.D
 Acq: 07 Jun 2024 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB161349BL

Tgt Ion:244 Resp: 5133053
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 12.2 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF138152.D
 Acq: 07 Jun 2024 11:04

Tgt Ion:264 Resp: 627210
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.1 25.7

