

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136386.D
 Acq On : 04 Dec 2023 17:27
 Operator : CG\JU
 Sample : 05434-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Dec 05 00:34:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122549	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	479361	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	217961	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	334140	20.000	ng	0.00
76) Chrysene-d12	13.980	240	265926	20.000	ng	0.00
86) Perylene-d12	15.462	264	211723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	942372	107.030	ng	0.00
7) Phenol-d6	6.440	99	1162610	105.604	ng	0.00
23) Nitrobenzene-d5	7.363	82	706580	77.891	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	268574	100.788	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1422118	83.340	ng	0.00
79) Terphenyl-d14	12.927	244	1298435	56.321	ng	0.00

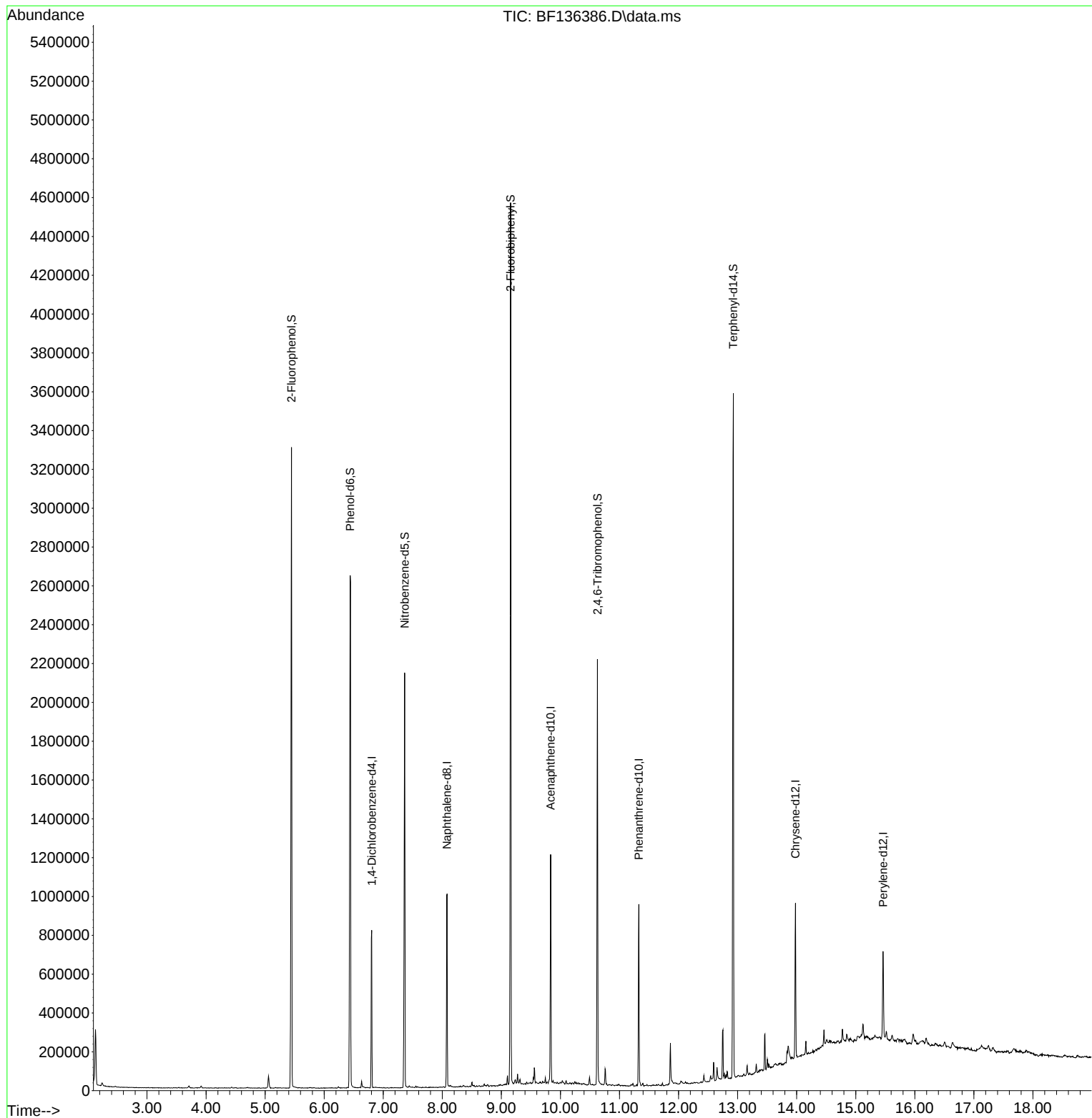
Target Compounds	Qvalue

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

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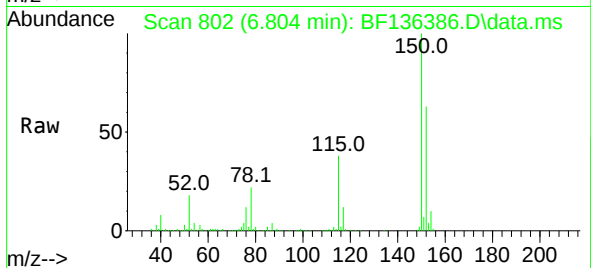
Quant Time: Dec 05 00:34:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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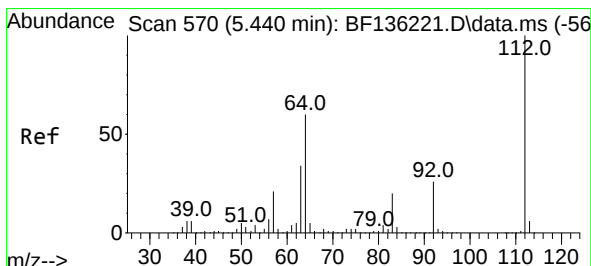
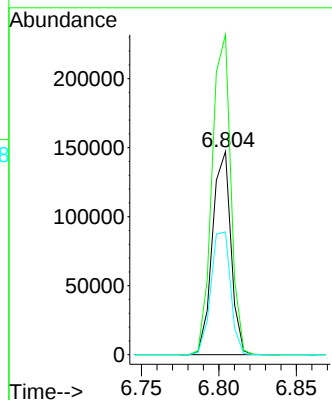
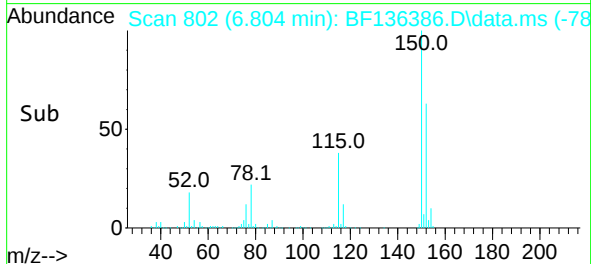


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :
COMP-8

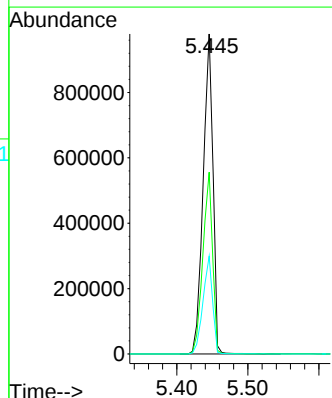
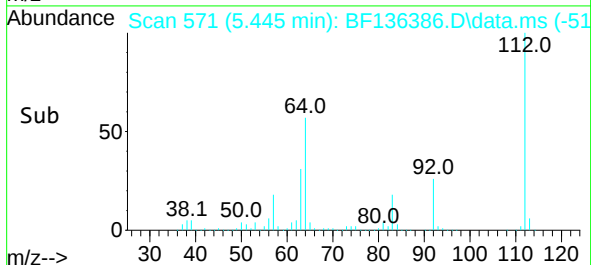
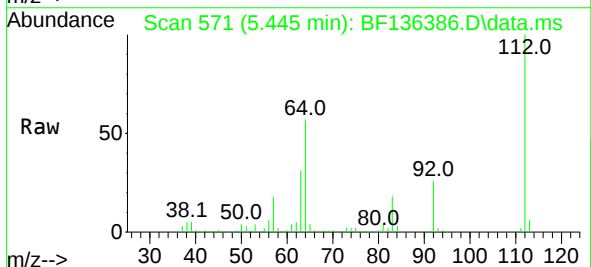


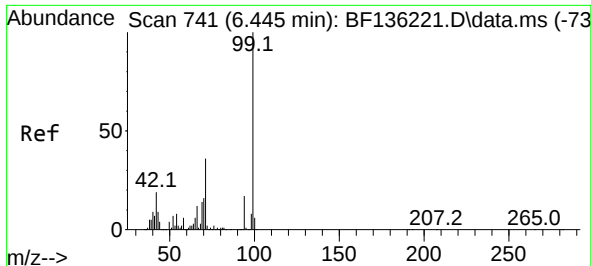
Tgt Ion:152 Resp: 122549
Ion Ratio Lower Upper
152 100
150 157.5 137.8 206.8
115 60.4 52.7 79.1



#5
2-Fluorophenol
Concen: 107.030 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion:112 Resp: 942372
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.4
63 30.5 27.0 40.6



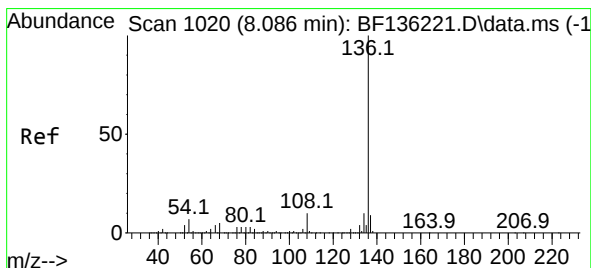
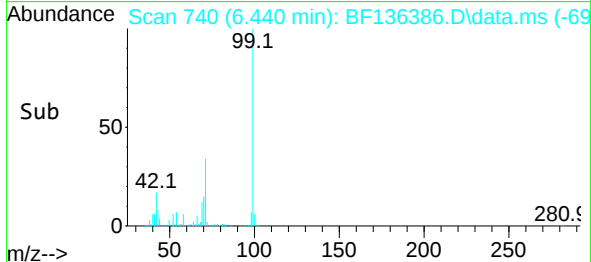
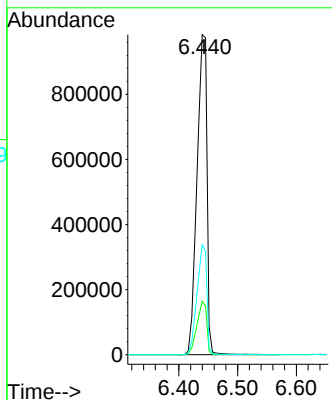
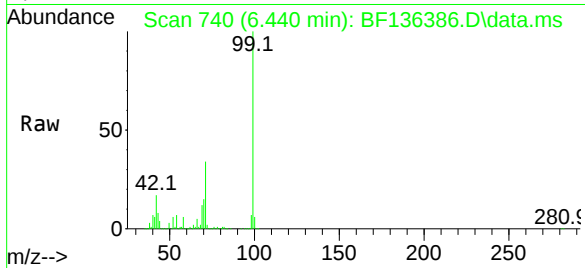


#7
Phenol-d6
Concen: 105.604 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Instrument :
BNA_F
ClientSampleId :
COMP-8

Tgt Ion: 99 Resp: 1162610

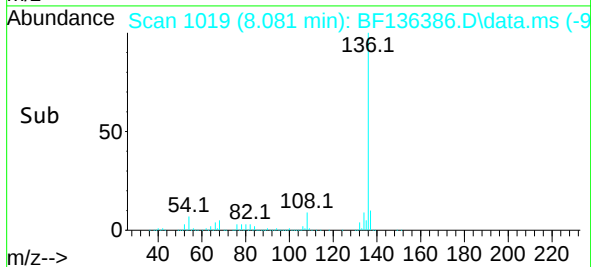
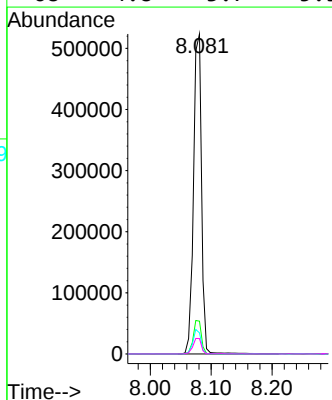
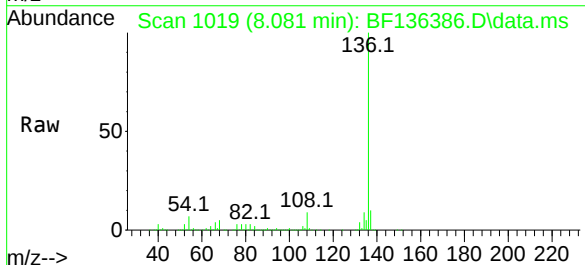
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.6
71	34.4	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136386.D
Acq: 04 Dec 2023 17:27

Tgt Ion: 136 Resp: 479361

Ion	Ratio	Lower	Upper
136	100		
137	10.2	7.4	11.2
54	6.6	5.5	8.3
68	4.8	3.7	5.5





#23

Nitrobenzene-d5

Concen: 77.891 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

Instrument :

BNA_F

ClientSampleId :

COMP-8

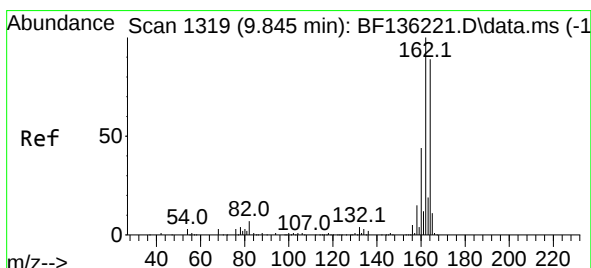
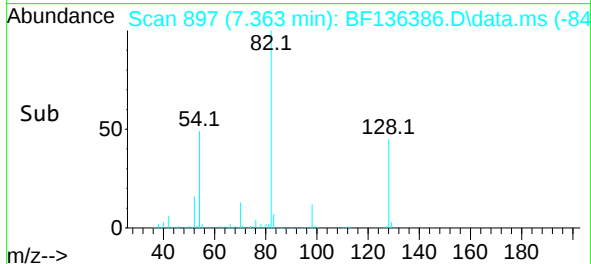
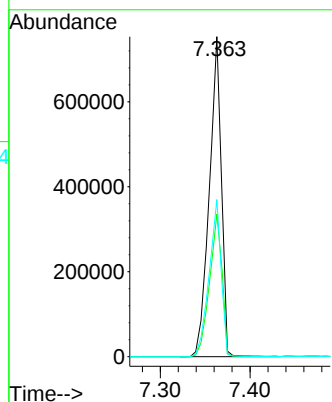
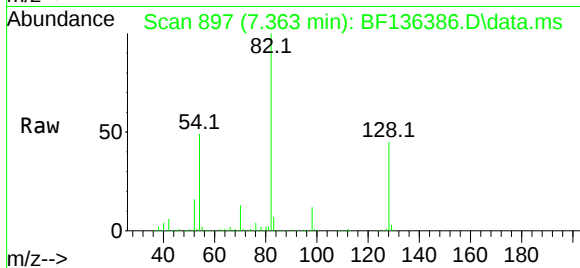
Tgt Ion: 82 Resp: 706580

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 49.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

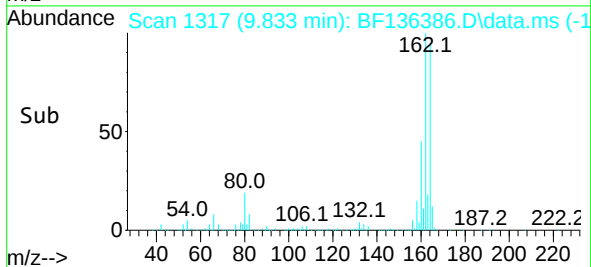
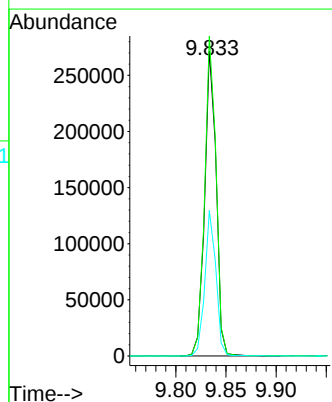
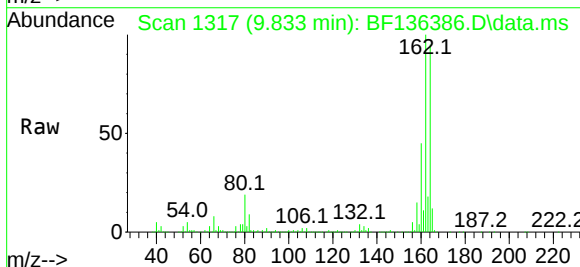
Tgt Ion:164 Resp: 217961

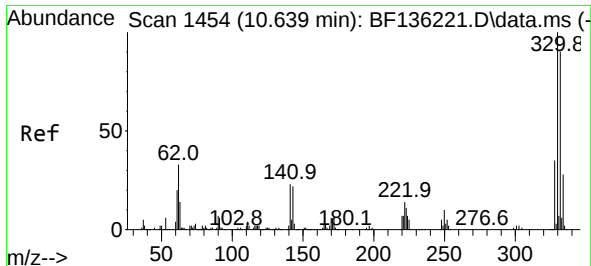
Ion Ratio Lower Upper

164 100

162 104.9 89.5 134.3

160 47.7 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 100.788 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136386.D

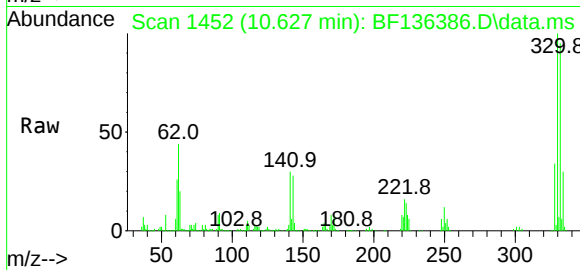
Acq: 04 Dec 2023 17:27

Instrument :

BNA_F

ClientSampleId :

COMP-8



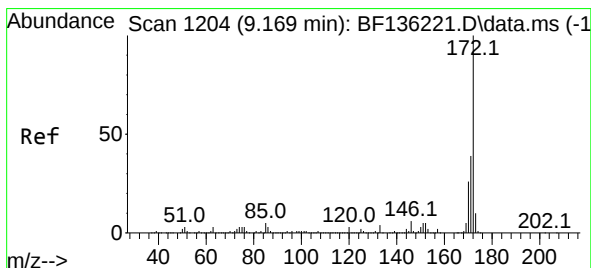
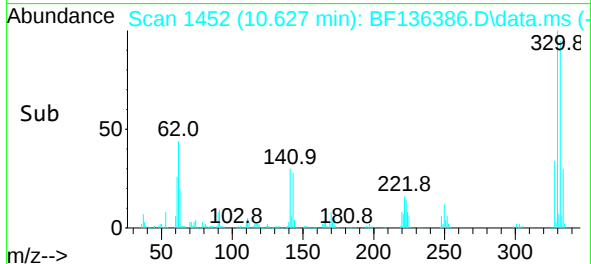
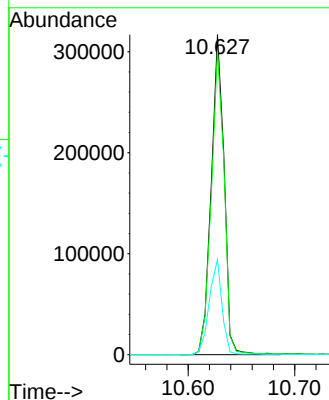
Tgt Ion:330 Resp: 268574

Ion Ratio Lower Upper

330 100

332 95.6 73.0 109.6

141 29.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 83.340 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

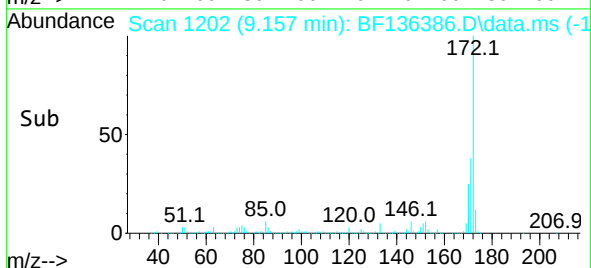
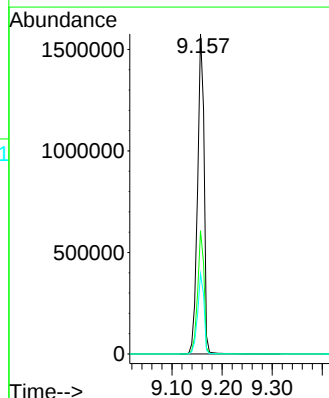
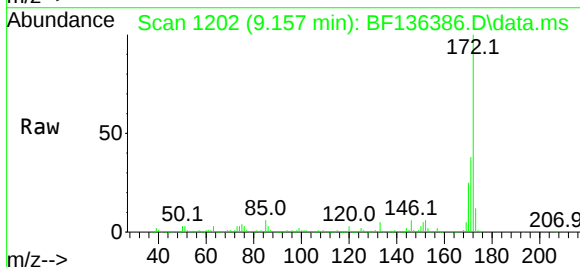
Tgt Ion:172 Resp: 1422118

Ion Ratio Lower Upper

172 100

171 38.5 31.5 47.3

170 25.0 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

Instrument :

BNA_F

ClientSampleId :

COMP-8

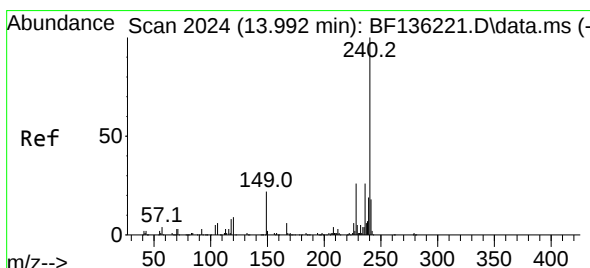
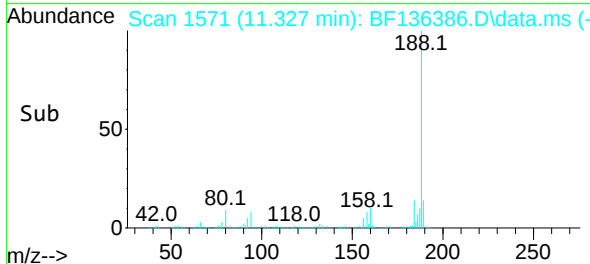
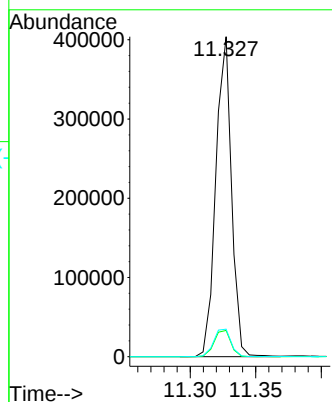
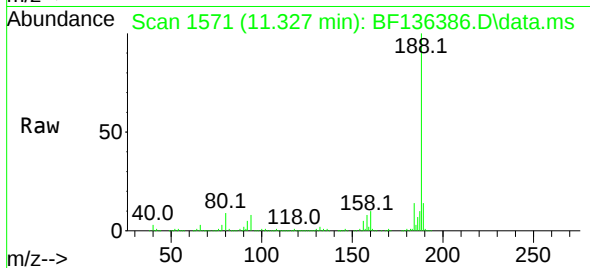
Tgt Ion:188 Resp: 334140

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136386.D

Acq: 04 Dec 2023 17:27

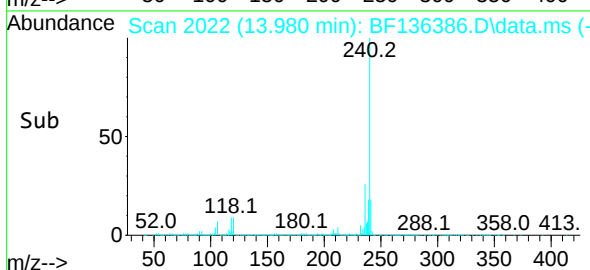
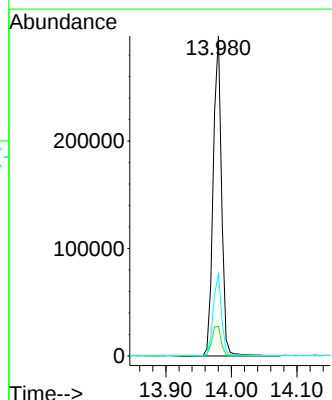
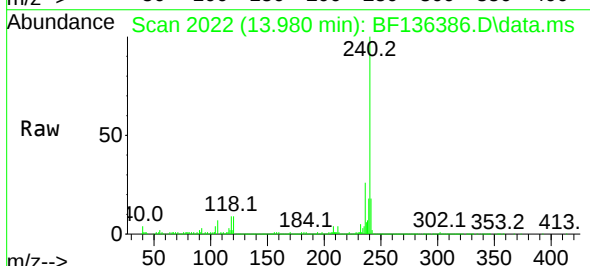
Tgt Ion:240 Resp: 265926

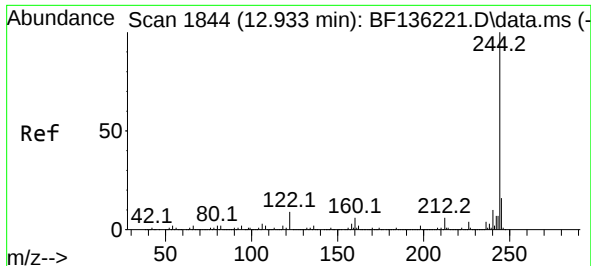
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.2

236 25.7 21.1 31.7

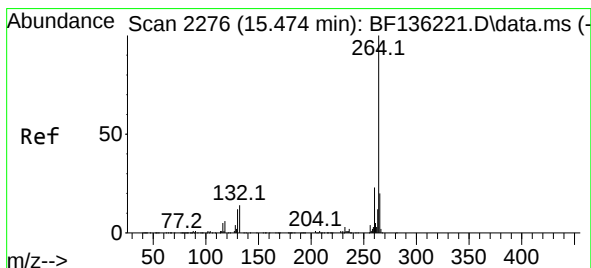
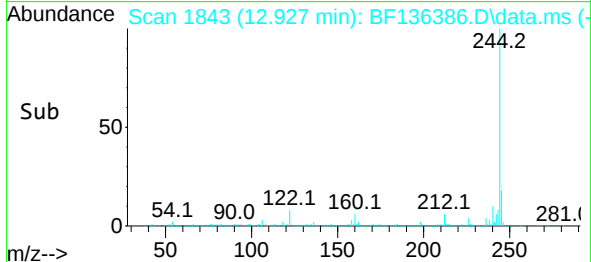
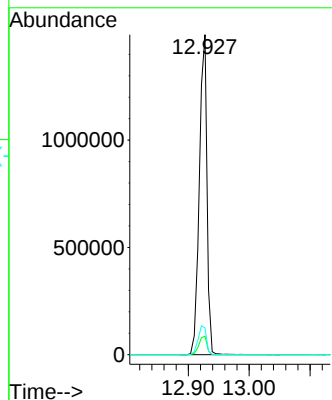
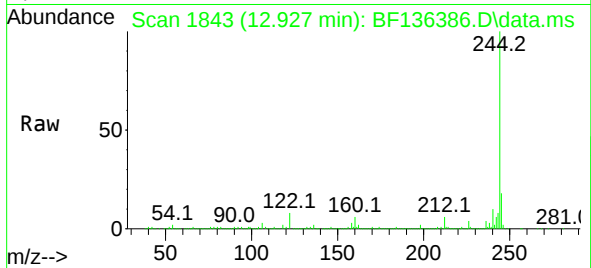




#79
 Terphenyl-d14
 Concen: 56.321 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF136386.D
 Acq: 04 Dec 2023 17:27

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Tgt Ion:244 Resp: 1298435
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.4 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF136386.D
 Acq: 04 Dec 2023 17:27

Tgt Ion:264 Resp: 211723
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.2 15.7 23.5

