

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136366.D
 Acq On : 02 Dec 2023 07:52
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Quant Time: Dec 03 07:23:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

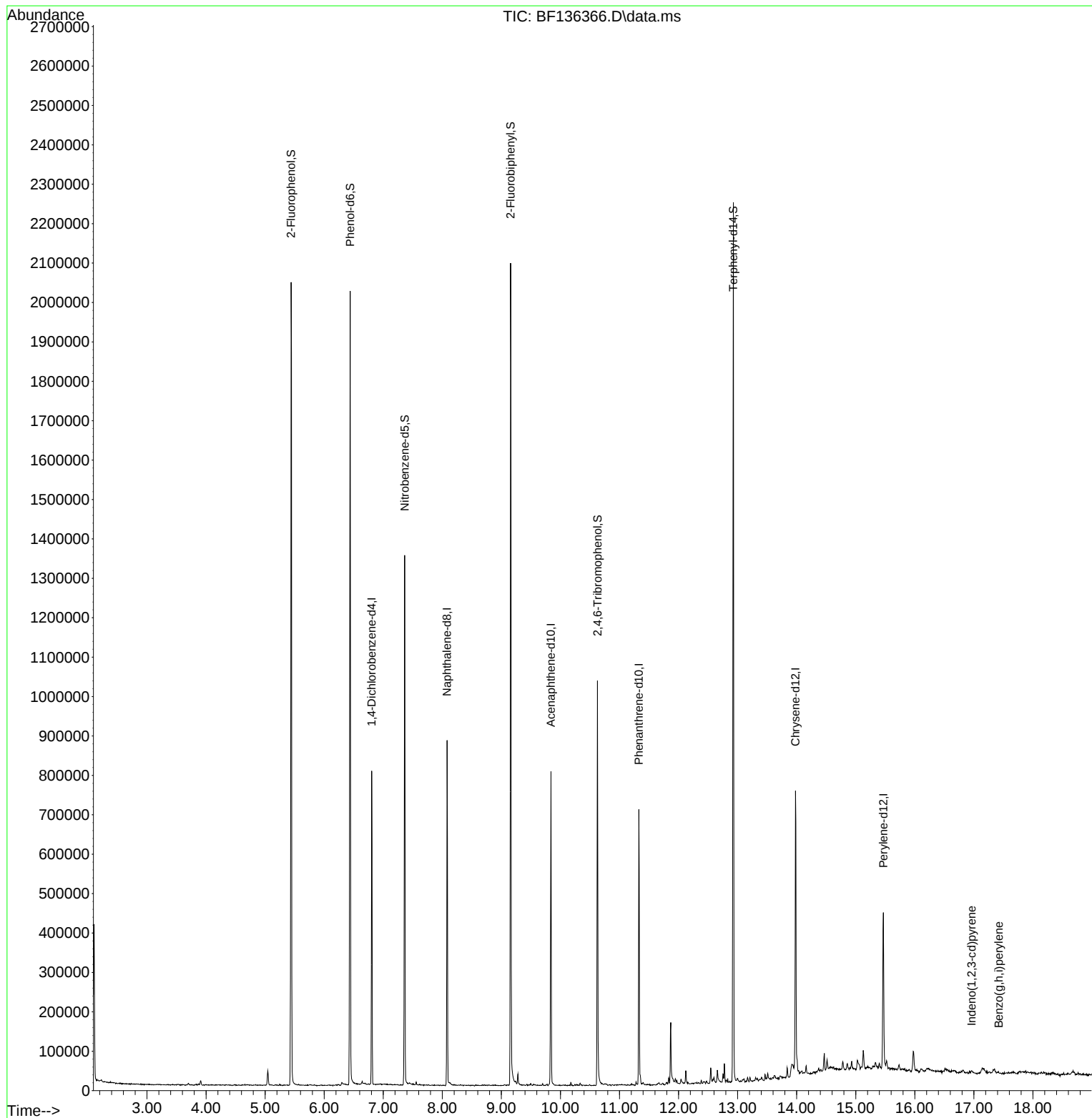
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	114454	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	377717	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	142496	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	250190	20.000	ng	0.00
76) Chrysene-d12	13.980	240	243332	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	187900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	589709	71.713	ng	0.00
7) Phenol-d6	6.440	99	681296	66.261	ng	0.00
23) Nitrobenzene-d5	7.363	82	398546	55.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	122895	70.543	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	671139	60.159	ng	-0.01
79) Terphenyl-d14	12.927	244	757842	35.925	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	16.962	276	5265	3.033	ng	# 73
92) Benzo(g,h,i)perylene	17.421	276	5004	2.326	ng	# 91

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

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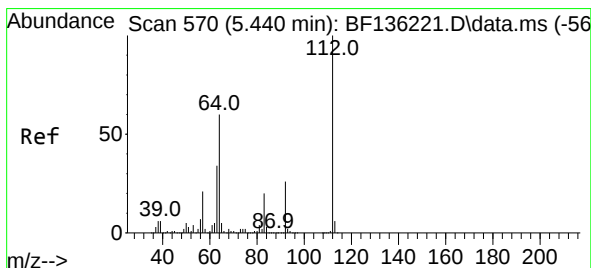
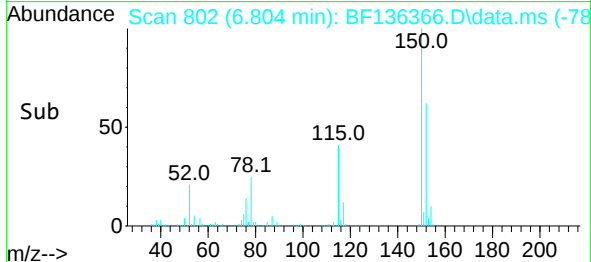
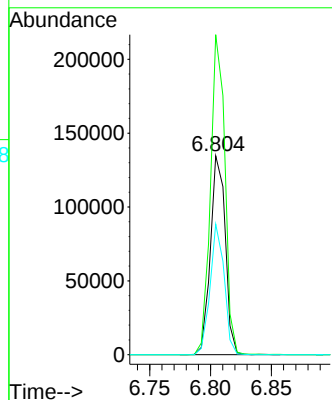
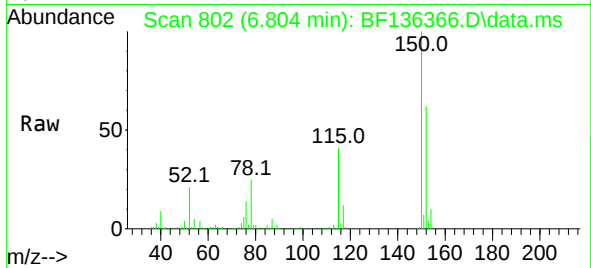




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

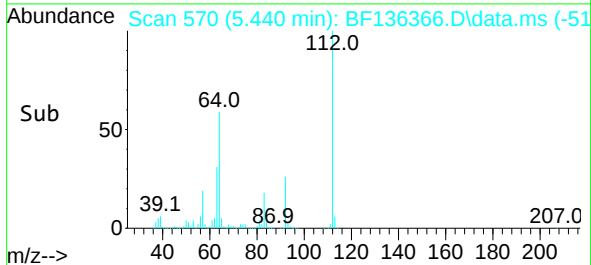
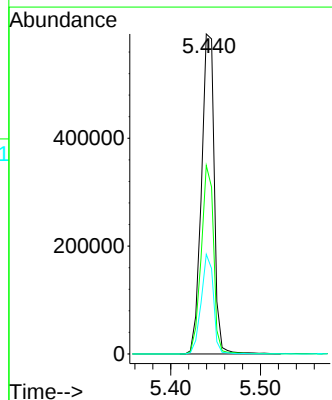
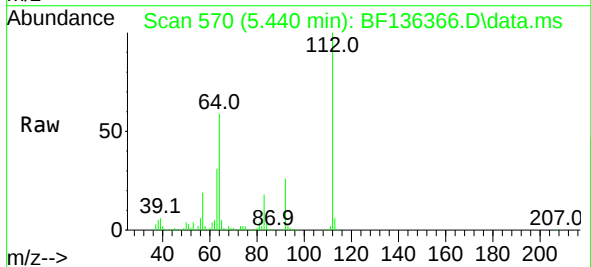
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

Tgt Ion:152 Resp: 114454
Ion Ratio Lower Upper
152 100
150 160.9 137.8 206.8
115 65.6 52.7 79.1



#5
2-Fluorophenol
Concen: 71.713 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion:112 Resp: 589709
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 31.2 27.0 40.6

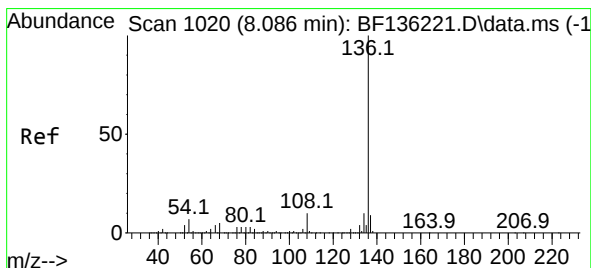
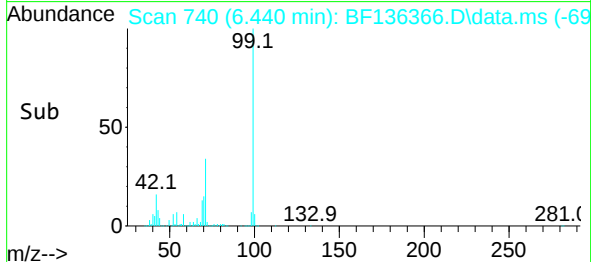
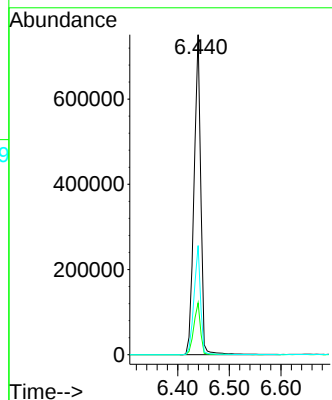
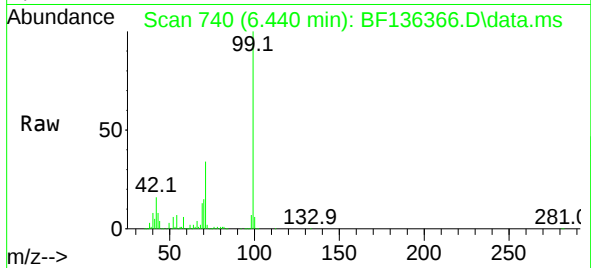




#7
Phenol-d6
Concen: 66.261 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

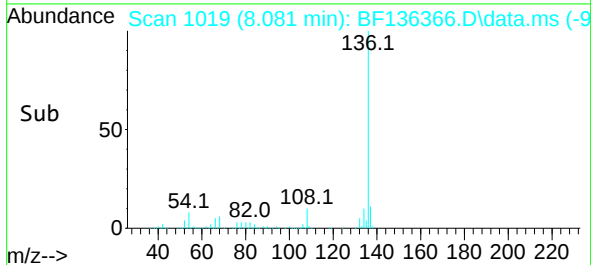
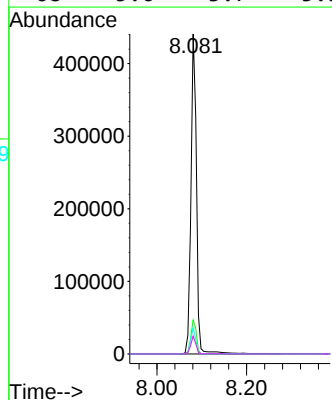
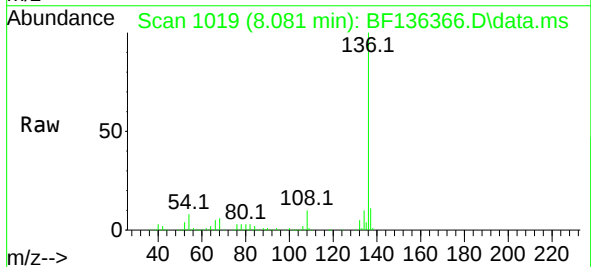
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

Tgt Ion: 99 Resp: 681296
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 34.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion: 136 Resp: 377717
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 8.2 5.5 8.3
68 5.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 55.757 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

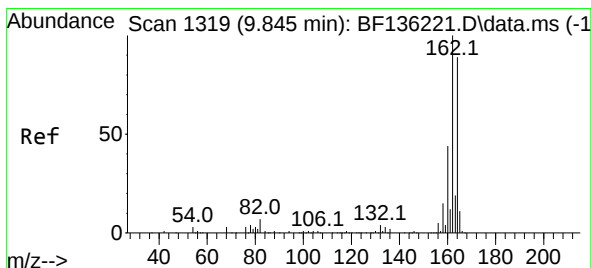
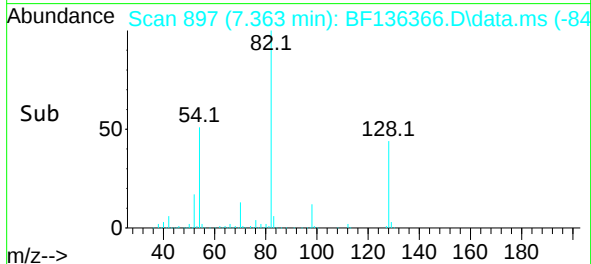
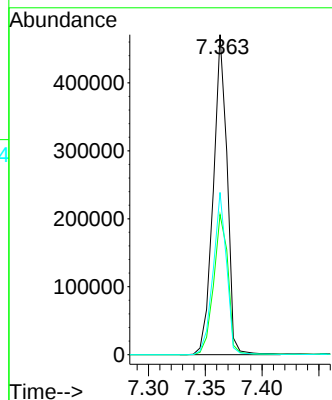
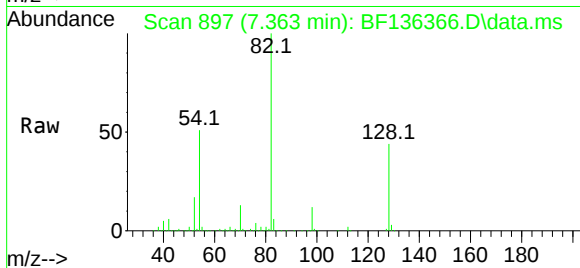
Tgt Ion: 82 Resp: 398546

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.2

54 50.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

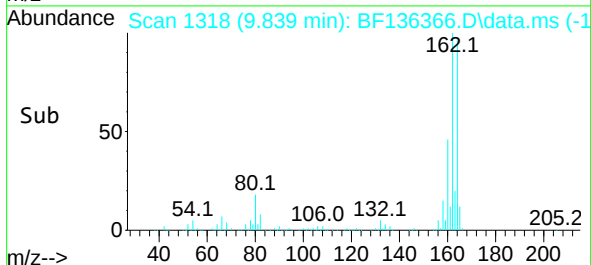
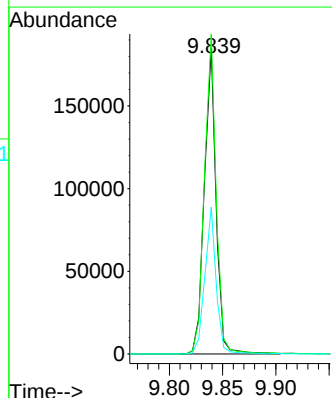
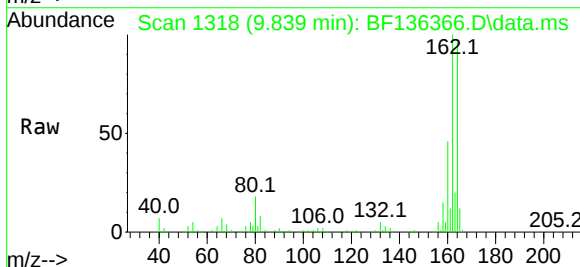
Tgt Ion: 164 Resp: 142496

Ion Ratio Lower Upper

164 100

162 104.6 89.5 134.3

160 48.0 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 70.543 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136366.D

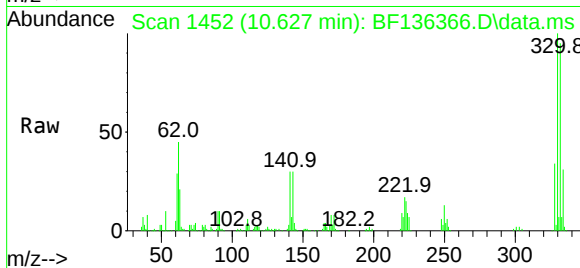
Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP



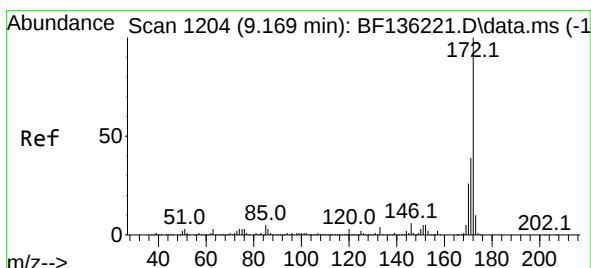
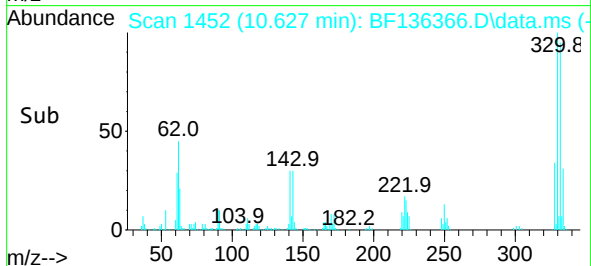
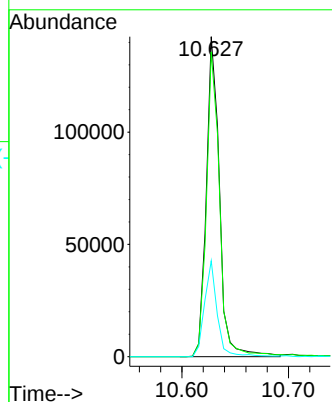
Tgt Ion:330 Resp: 122895

Ion Ratio Lower Upper

330 100

332 96.4 73.0 109.6

141 29.2 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 60.159 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

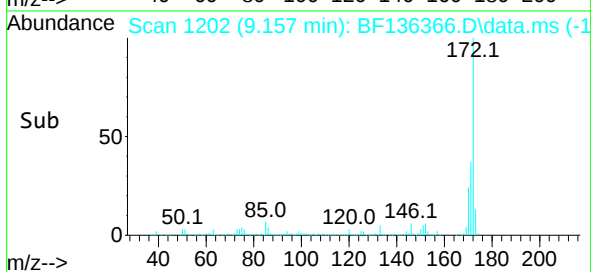
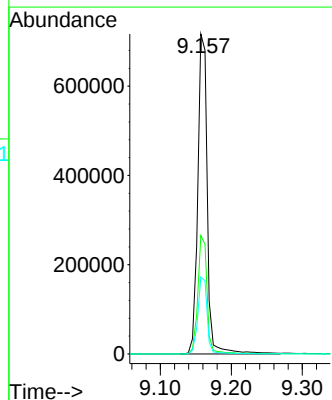
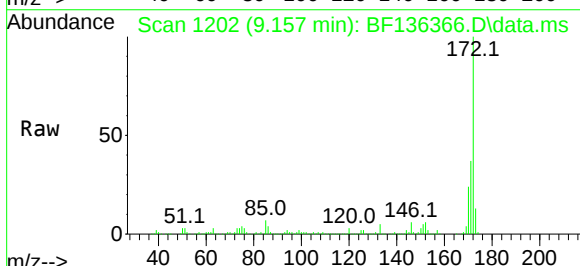
Tgt Ion:172 Resp: 671139

Ion Ratio Lower Upper

172 100

171 37.0 31.5 47.3

170 24.1 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

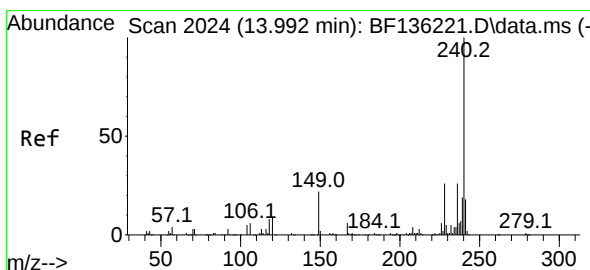
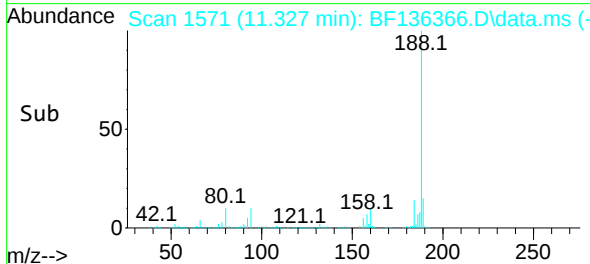
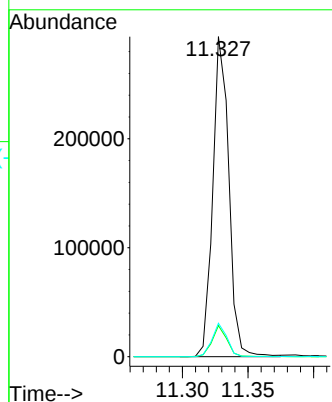
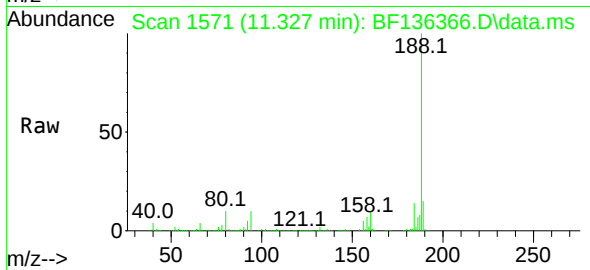
Tgt Ion:188 Resp: 250190

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

80 10.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

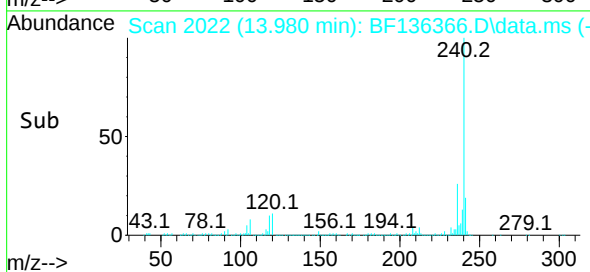
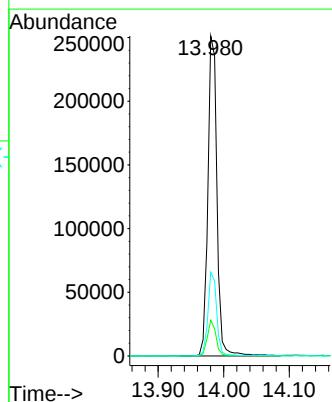
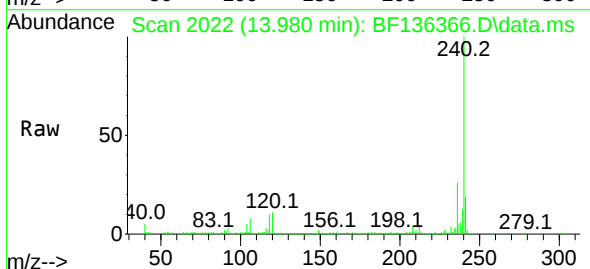
Tgt Ion:240 Resp: 243332

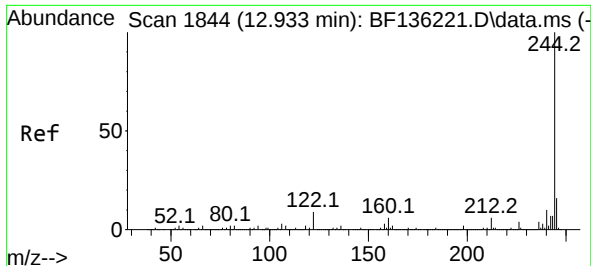
Ion Ratio Lower Upper

240 100

120 11.2 7.4 11.2#

236 26.2 21.1 31.7

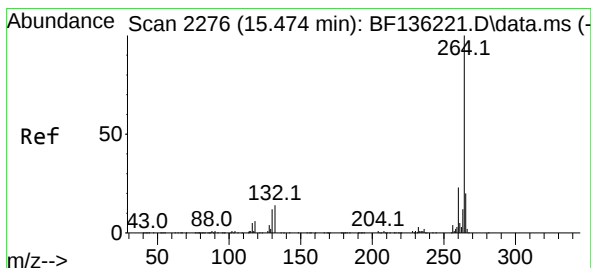
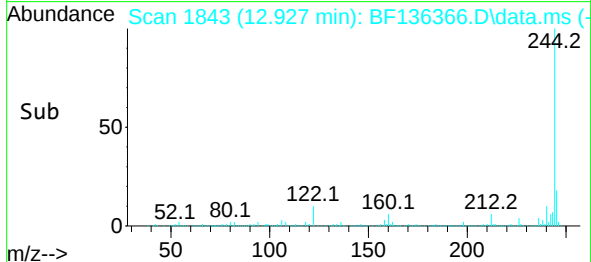
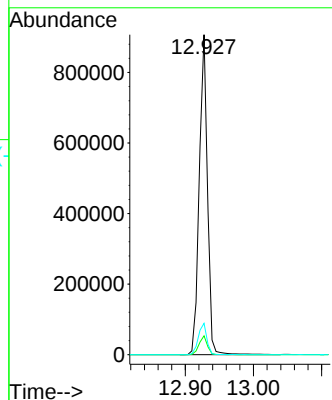
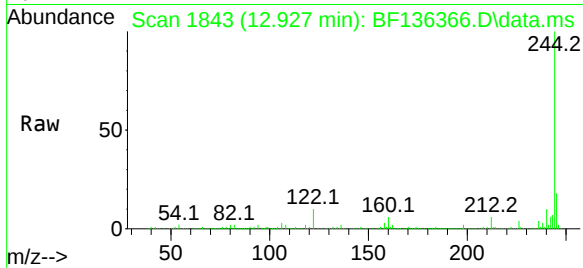




#79
 Terphenyl-d14
 Concen: 35.925 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136366.D
 Acq: 02 Dec 2023 07:52

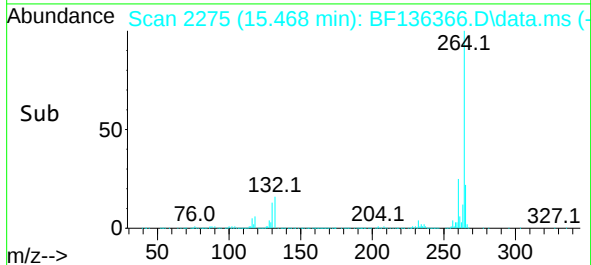
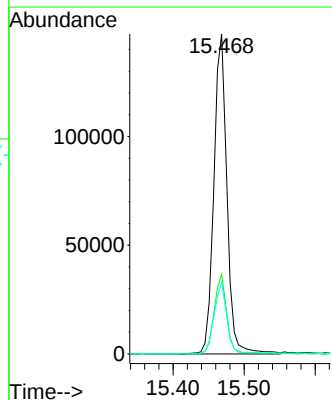
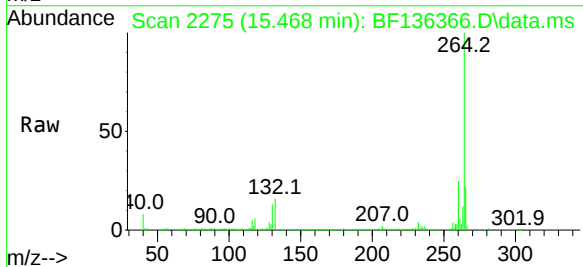
Instrument :
 BNA_F
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 SP-4-COMP

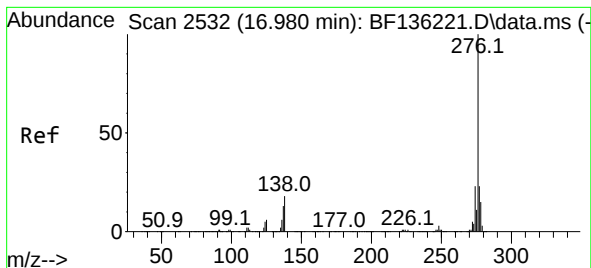
Tgt Ion:244 Resp: 757842
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.8 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136366.D
 Acq: 02 Dec 2023 07:52

Tgt Ion:264 Resp: 187900
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 27.8
 265 22.3 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.033 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

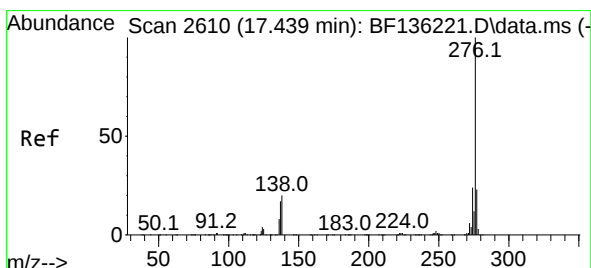
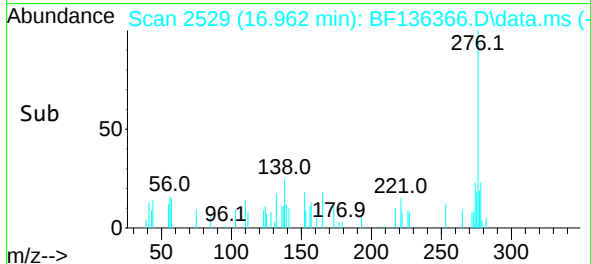
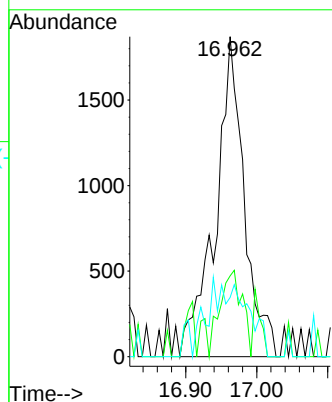
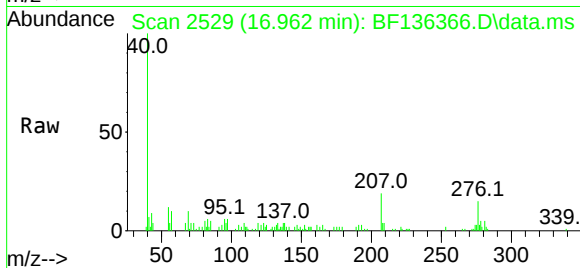
Tgt Ion:276 Resp: 5265

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 0.0 19.6 29.4#



#92

Benzo(g,h,i)perylene

Concen: 2.326 ng

RT: 17.421 min Scan# 2607

Delta R.T. -0.018 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

Tgt Ion:276 Resp: 5004

Ion Ratio Lower Upper

276 100

277 17.6 18.6 27.8#

138 22.3 15.8 23.8

