

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136382.D
 Acq On : 04 Dec 2023 15:19
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Quant Time: Dec 04 15:55:02 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)

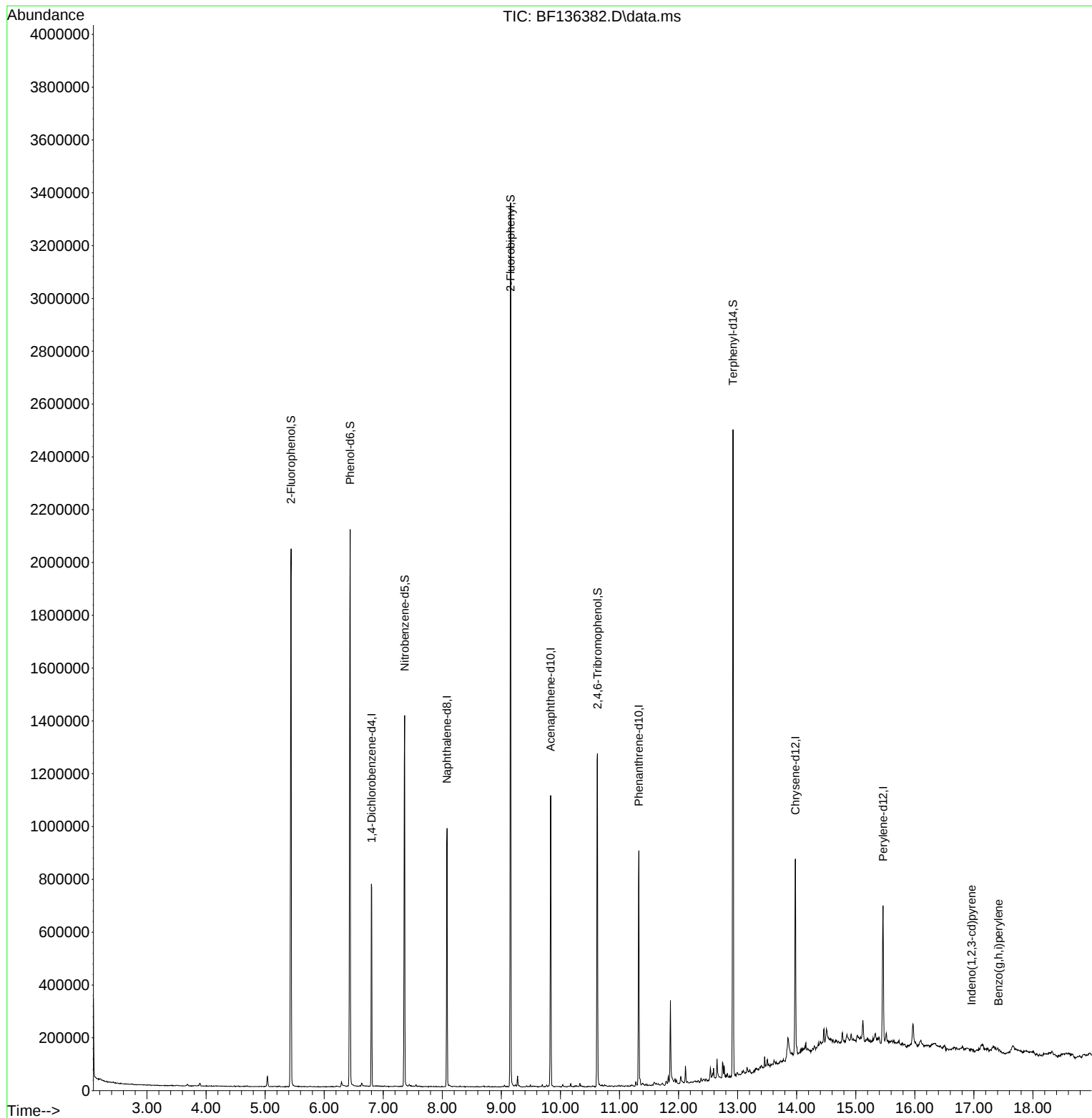
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	114473	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	444085	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	203308	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	325179	20.000	ng	0.00
76) Chrysene-d12	13.980	240	263810	20.000	ng	0.00
86) Perylene-d12	15.462	264	247868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	590515	71.799	ng	0.00
7) Phenol-d6	6.439	99	746406	72.582	ng	0.00
23) Nitrobenzene-d5	7.363	82	440902	52.465	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	170121	68.442	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	892262	56.057	ng	0.00
79) Terphenyl-d14	12.921	244	831006	36.335	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	16.962	276	4662	2.917	ng	# 74
92) Benzo(g,h,i)perylene	17.415	276	5598	2.261	ng	# 91

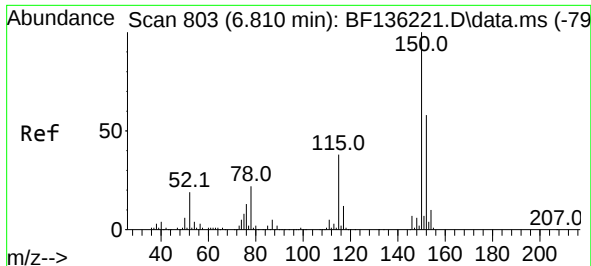
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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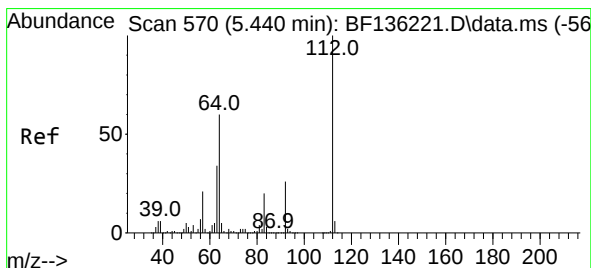
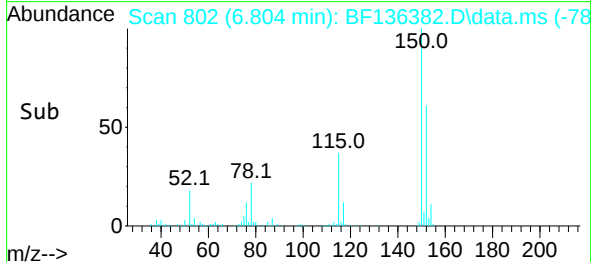
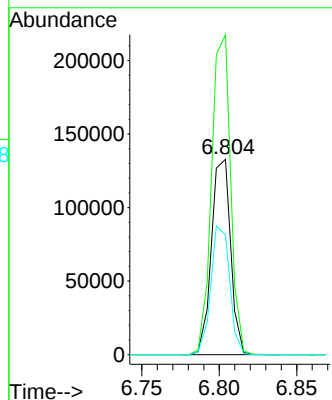
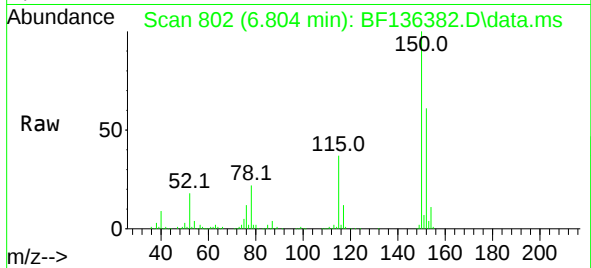




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. -0.000 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

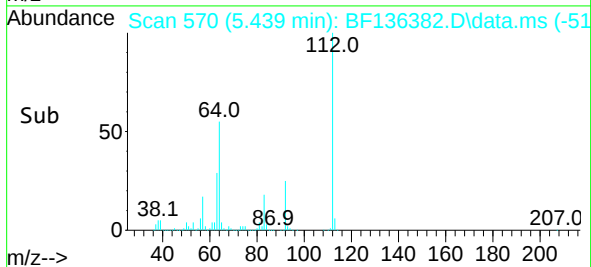
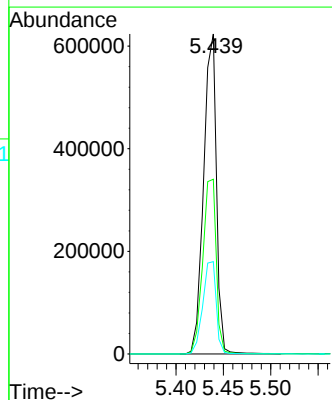
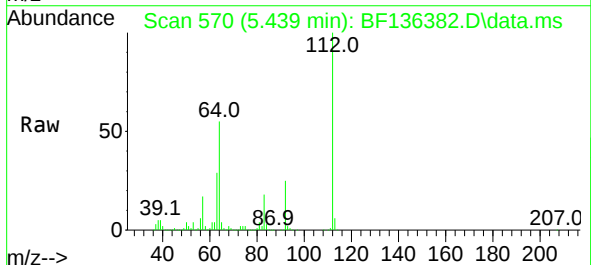
Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Tgt Ion:152 Resp: 114473
 Ion Ratio Lower Upper
 152 100
 150 163.7 137.8 206.8
 115 61.3 52.7 79.1



#5
 2-Fluorophenol
 Concen: 71.799 ng
 RT: 5.439 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

Tgt Ion:112 Resp: 590515
 Ion Ratio Lower Upper
 112 100
 64 54.6 48.2 72.4
 63 28.9 27.0 40.6

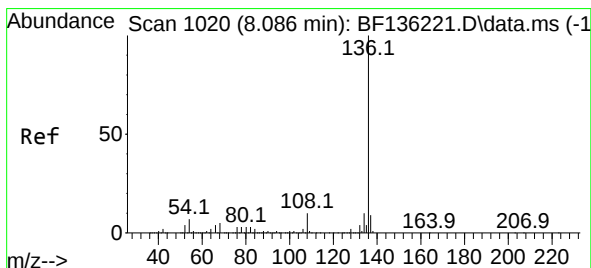
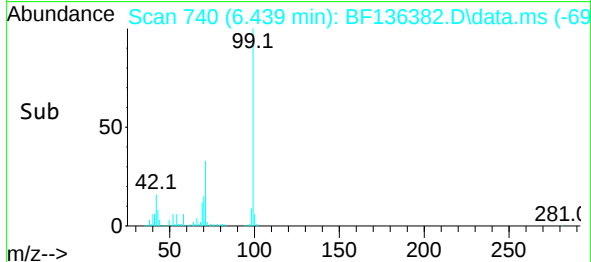
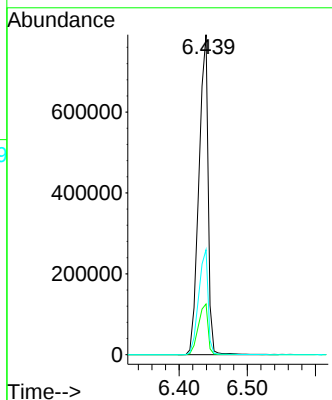
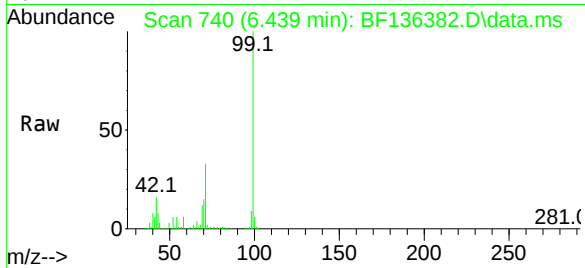




#7
Phenol-d6
Concen: 72.582 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

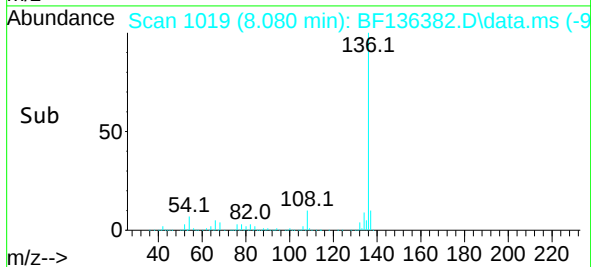
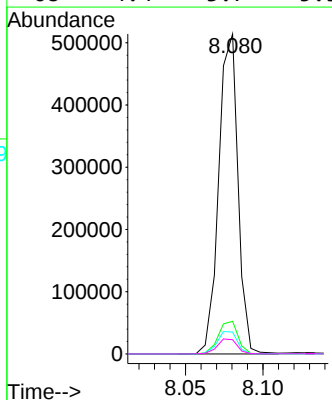
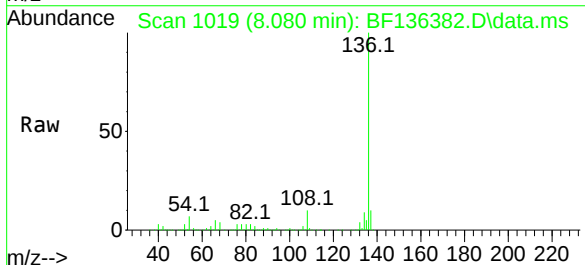
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

Tgt Ion: 99 Resp: 746406
Ion Ratio Lower Upper
99 100
42 15.9 15.0 22.6
71 32.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Tgt Ion: 136 Resp: 444085
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 52.465 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

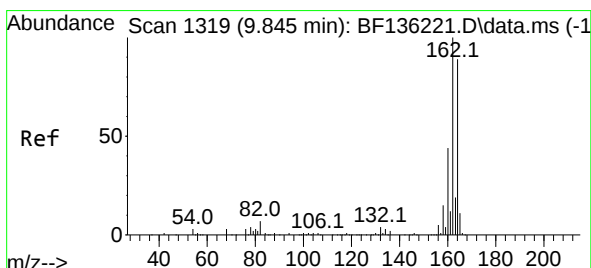
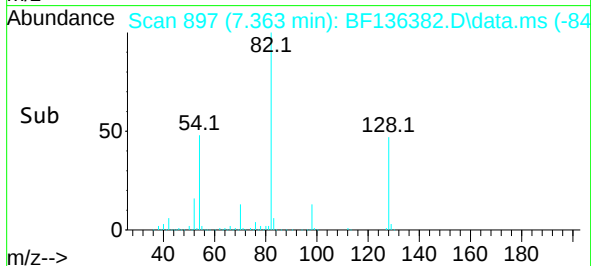
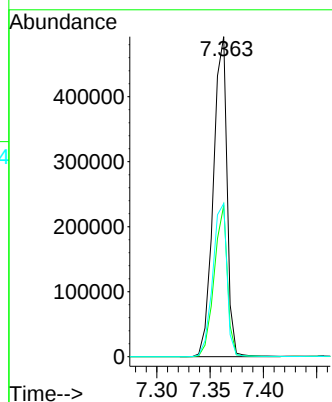
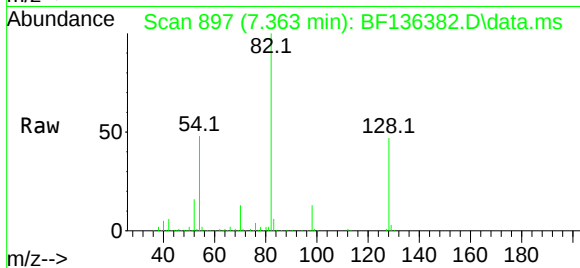
Tgt Ion: 82 Resp: 440902

Ion Ratio Lower Upper

82 100

128 47.2 33.4 50.2

54 47.9 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: BF136382.D

Acq: 04 Dec 2023 15:19

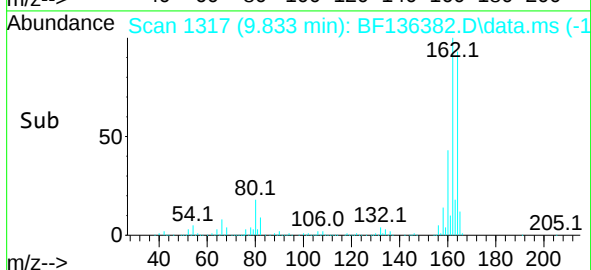
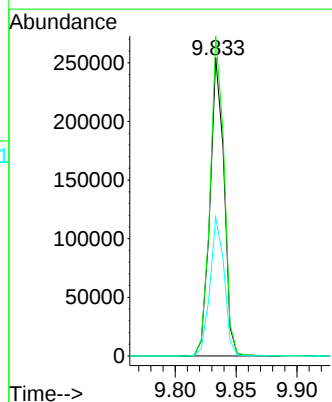
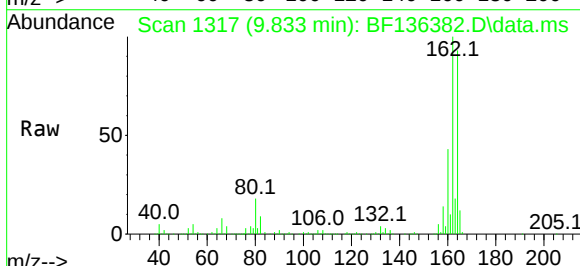
Tgt Ion: 164 Resp: 203308

Ion Ratio Lower Upper

164 100

162 107.2 89.5 134.3

160 46.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 68.442 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136382.D

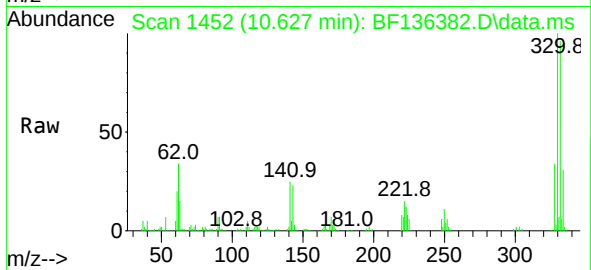
Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP



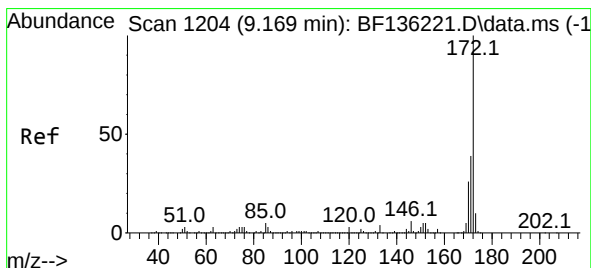
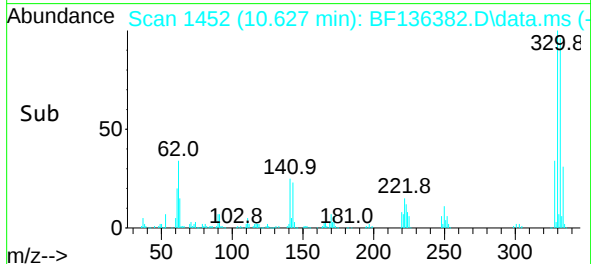
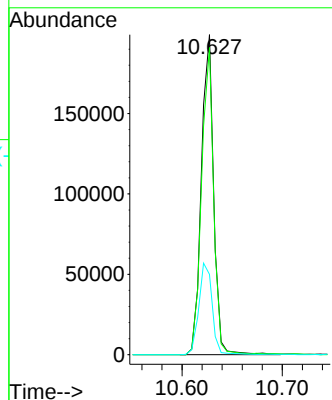
Tgt Ion:330 Resp: 170121

Ion Ratio Lower Upper

330 100

332 94.8 73.0 109.6

141 30.9 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 56.057 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

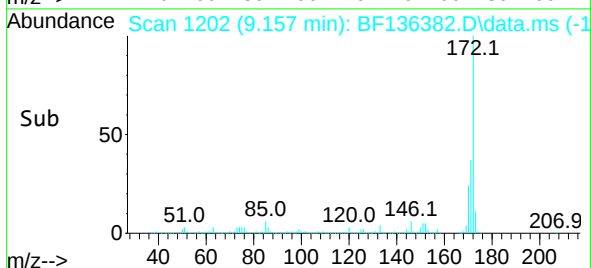
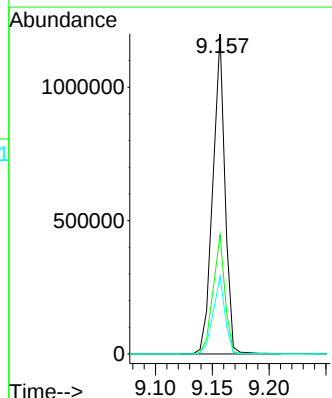
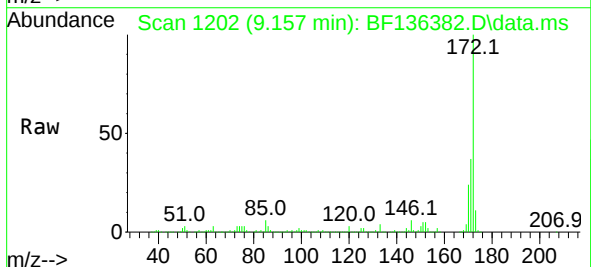
Tgt Ion:172 Resp: 892262

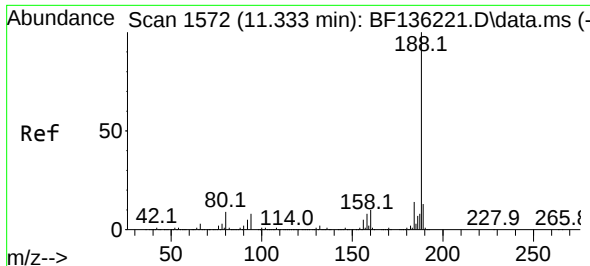
Ion Ratio Lower Upper

172 100

171 37.3 31.5 47.3

170 24.2 20.8 31.2

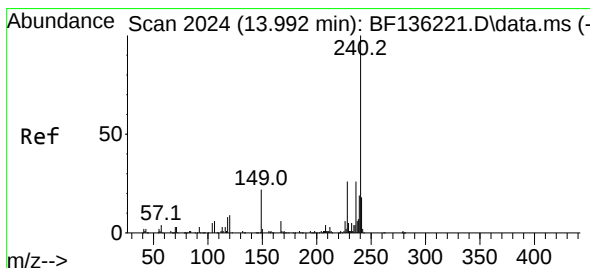
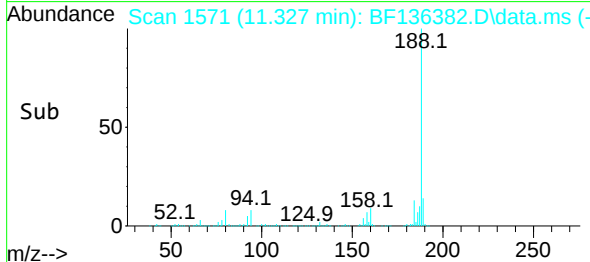
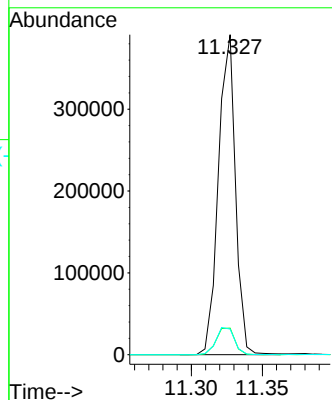
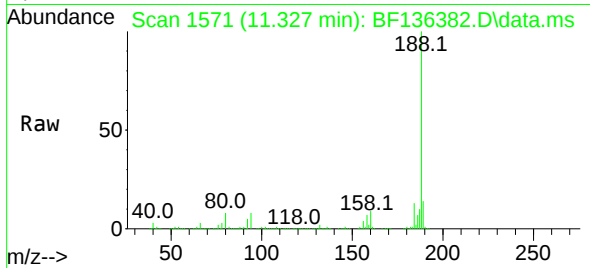




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

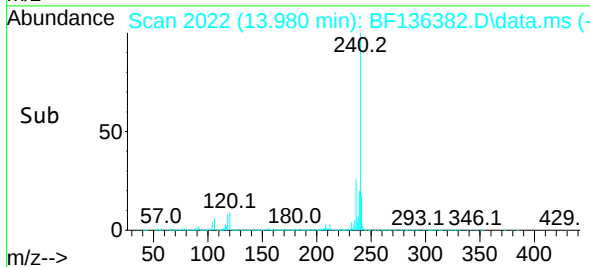
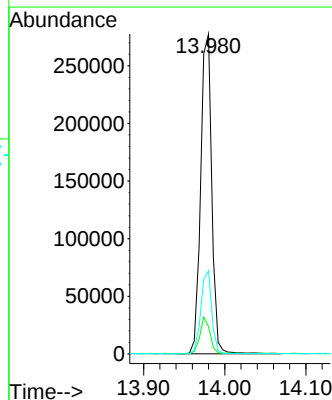
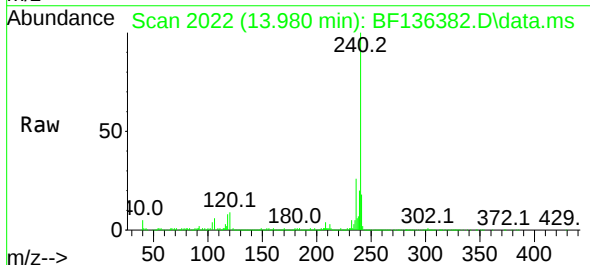
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

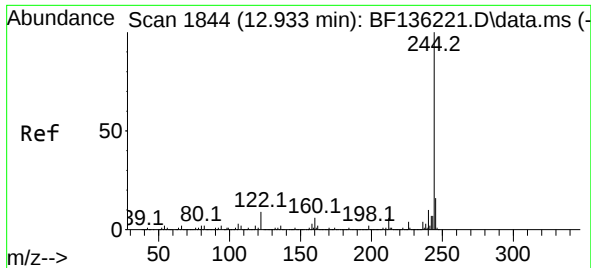
Tgt Ion:188 Resp: 325179
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136382.D
Acq: 04 Dec 2023 15:19

Tgt Ion:240 Resp: 263810
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.2
236 26.1 21.1 31.7

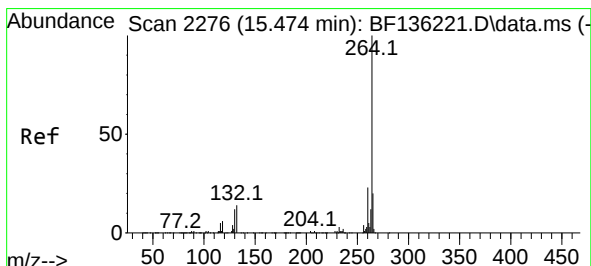
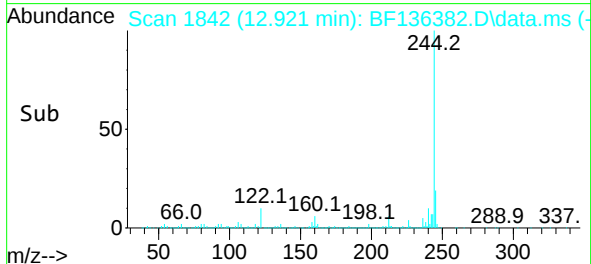
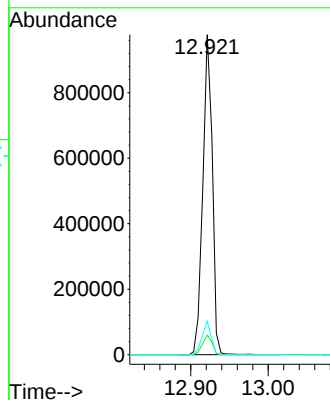
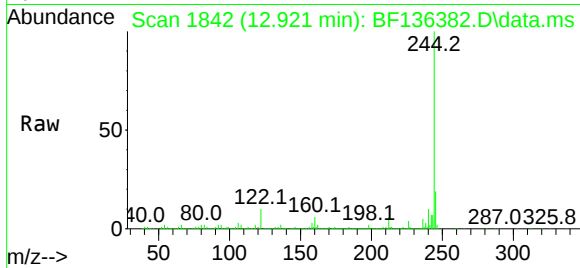




#79
 Terphenyl-d14
 Concen: 36.335 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

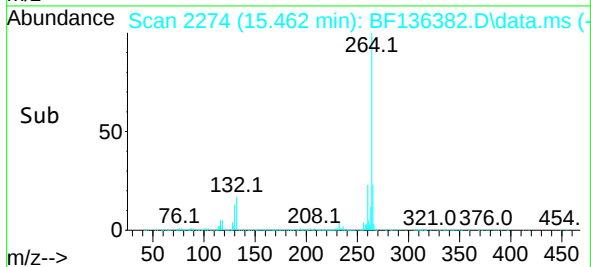
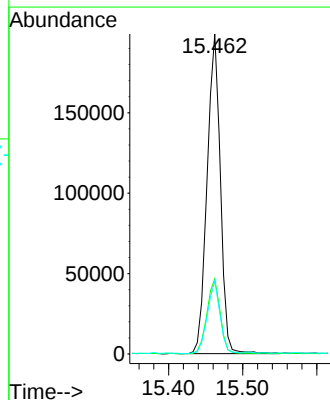
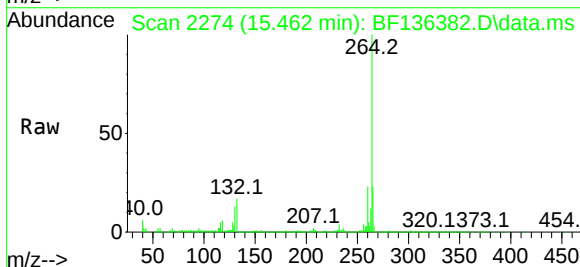
Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

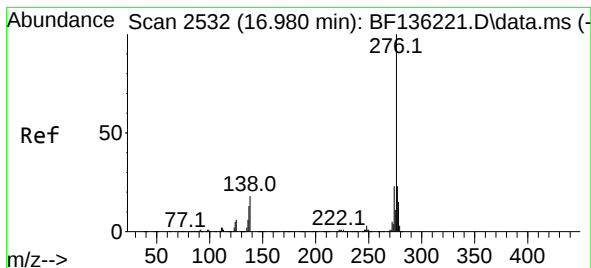
Tgt Ion:244 Resp: 831006
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 10.5 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF136382.D
 Acq: 04 Dec 2023 15:19

Tgt Ion:264 Resp: 247868
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.9 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.917 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

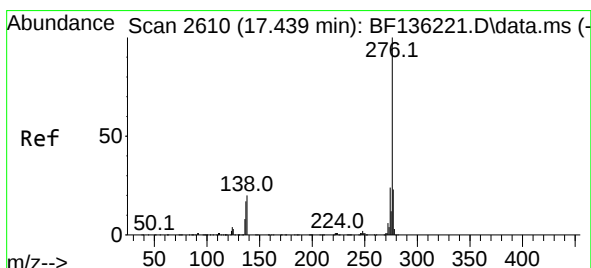
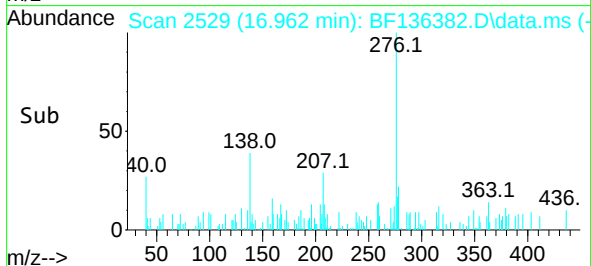
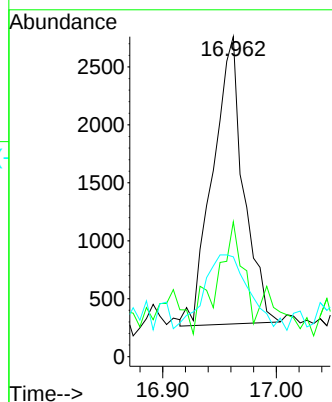
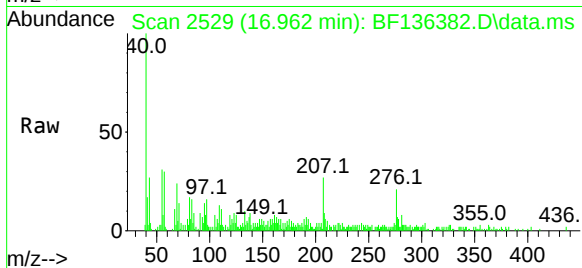
Tgt Ion:276 Resp: 4662

Ion Ratio Lower Upper

276 100

138 33.8 17.7 26.5#

277 38.4 19.6 29.4#



#92

Benzo(g,h,i)perylene

Concen: 2.261 ng

RT: 17.415 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF136382.D

Acq: 04 Dec 2023 15:19

Tgt Ion:276 Resp: 5598

Ion Ratio Lower Upper

276 100

277 25.1 18.6 27.8

138 27.0 15.8 23.8#

