

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136132.D
 Acq On : 03 Nov 2023 19:08
 Operator : CG\JU
 Sample : 05141-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Nov 04 00:11:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

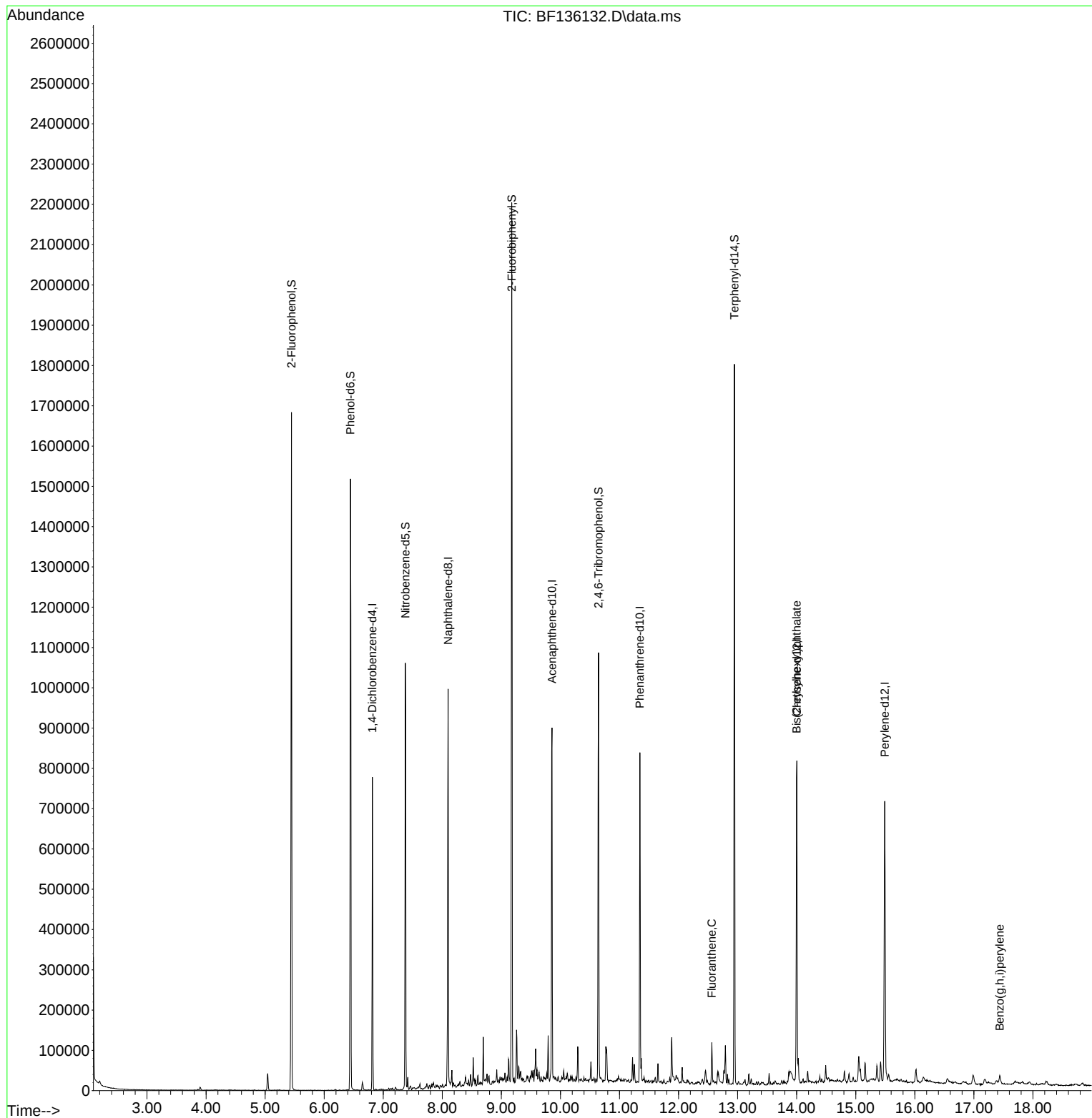
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	102133	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	380527	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	173954	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	281423	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	248578	20.000	ng	-0.01
86) Perylene-d12	15.492	264	312238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	425917	65.531	ng	0.00
7) Phenol-d6	6.445	99	516035	63.724	ng	-0.01
23) Nitrobenzene-d5	7.375	82	325764	51.607	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	120549	64.925	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	600724	55.050	ng	-0.01
79) Terphenyl-d14	12.945	244	568774	35.558	ng	-0.01
Target Compounds						
75) Fluoranthene	12.563	202	34746	2.387	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	24621	2.694	ng	99
92) Benzo(g,h,i)perylene	17.439	276	14973	3.634	ng	95

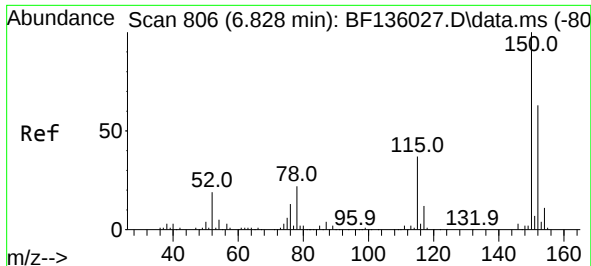
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

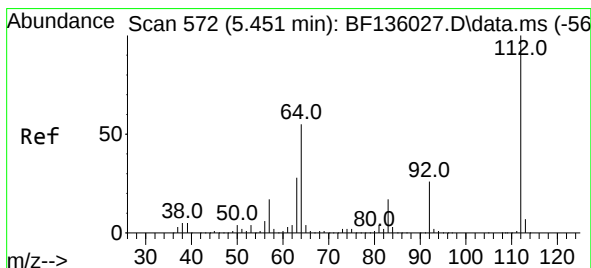
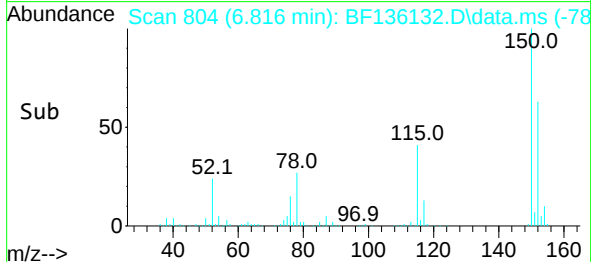
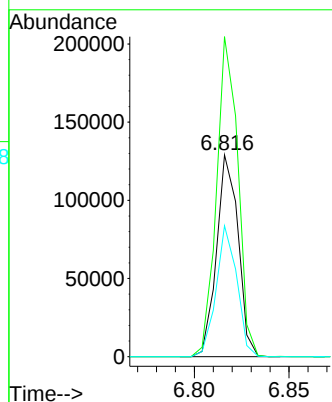
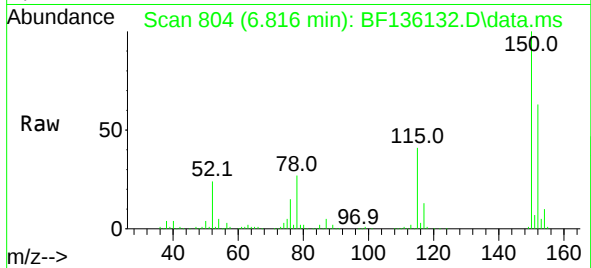




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136132.D
Acq: 03 Nov 2023 19:08

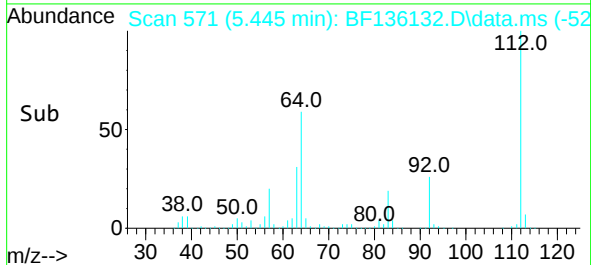
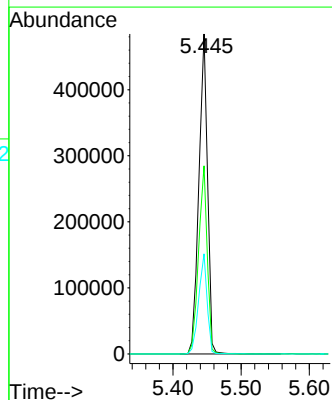
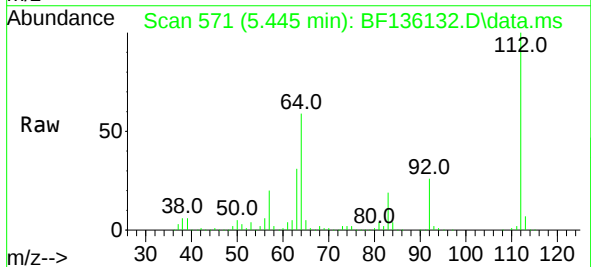
Instrument :
BNA_F
ClientSampleId :
PE-4

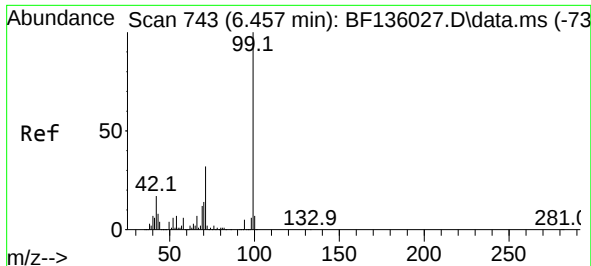
Tgt Ion:152 Resp: 102133
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 64.9 47.0 70.4



#5
2-Fluorophenol
Concen: 65.531 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136132.D
Acq: 03 Nov 2023 19:08

Tgt Ion:112 Resp: 425917
Ion Ratio Lower Upper
112 100
64 58.8 43.9 65.9
63 31.3 22.4 33.6

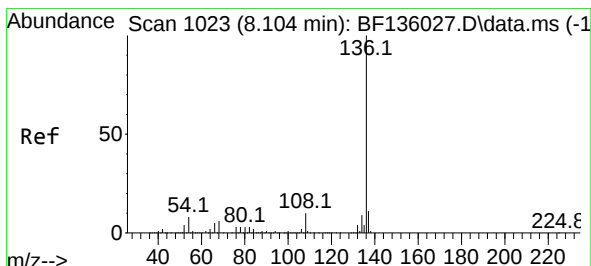
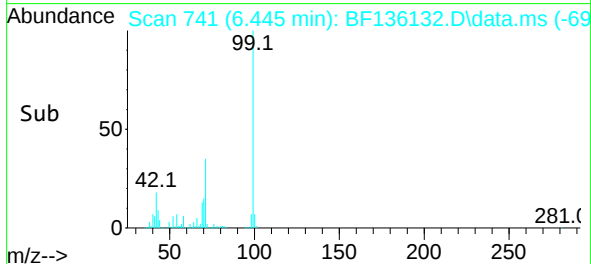
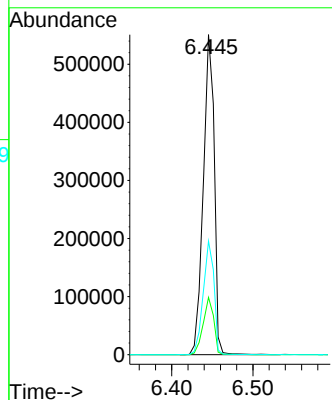
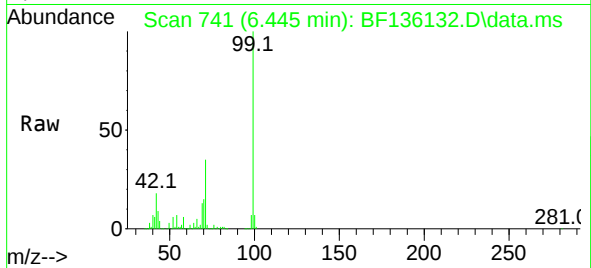




#7
Phenol-d6
Concen: 63.724 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136132.D
Acq: 03 Nov 2023 19:08

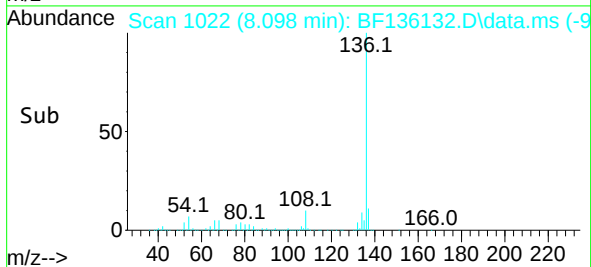
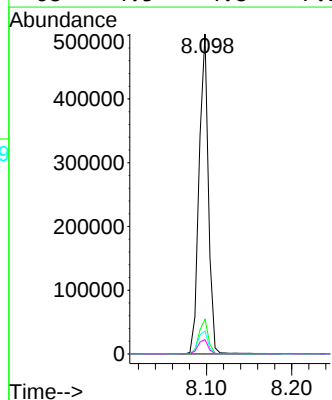
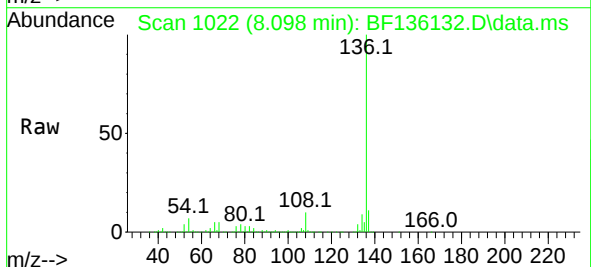
Instrument :
BNA_F
ClientSampleId :
PE-4

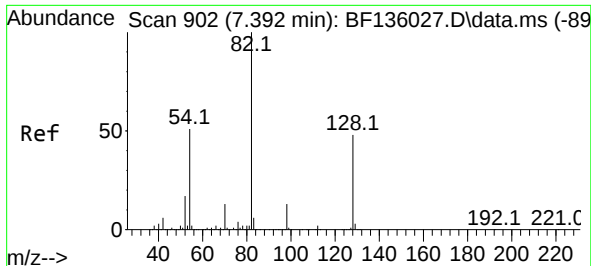
Tgt Ion: 99 Resp: 516035
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 35.5 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136132.D
Acq: 03 Nov 2023 19:08

Tgt Ion: 136 Resp: 380527
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 6.6 9.8
68 4.5 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 51.607 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

Instrument :

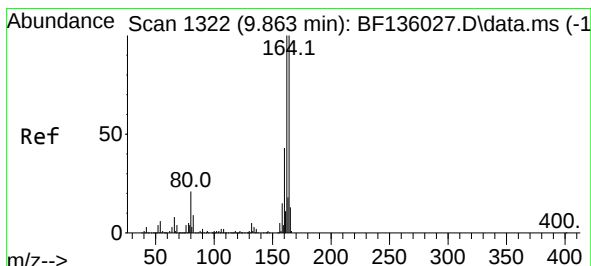
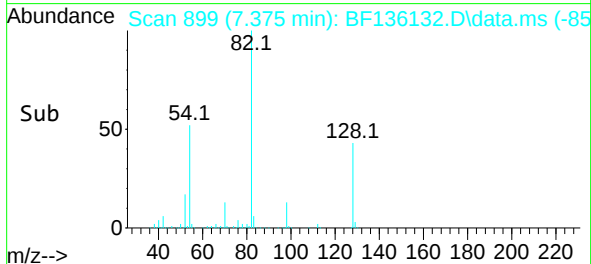
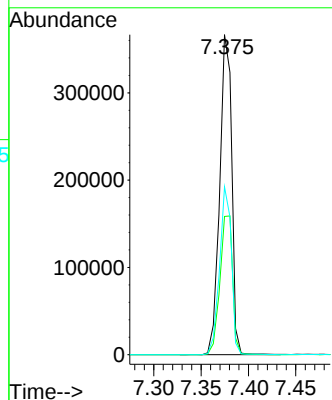
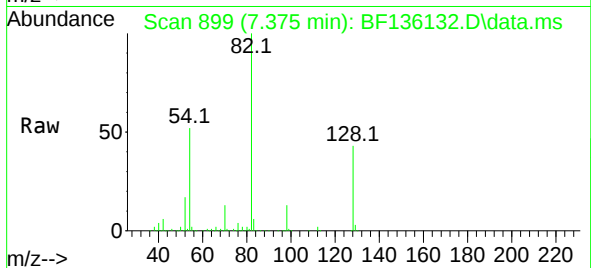
BNA_F

ClientSampleId :

PE-4

Tgt Ion: 82 Resp: 325764

Ion	Ratio	Lower	Upper
82	100		
128	43.2	38.6	57.8
54	52.5	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

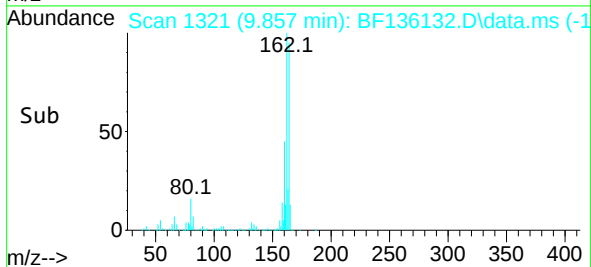
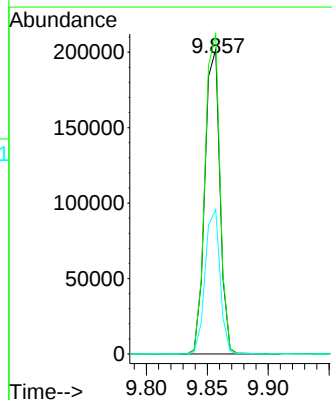
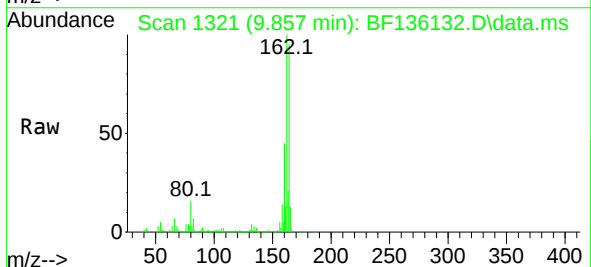
Delta R.T. -0.006 min

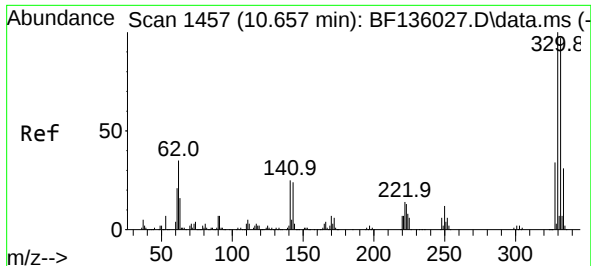
Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

Tgt Ion:164 Resp: 173954

Ion	Ratio	Lower	Upper
164	100		
162	105.1	80.1	120.1
160	47.4	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 64.925 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

Instrument :

BNA_F

ClientSampleId :

PE-4

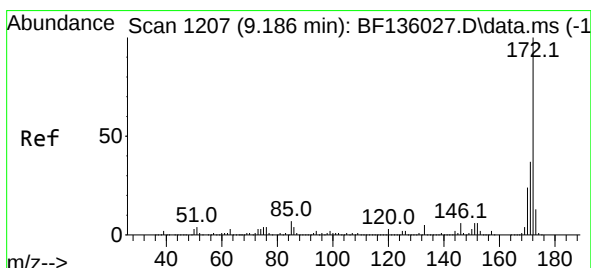
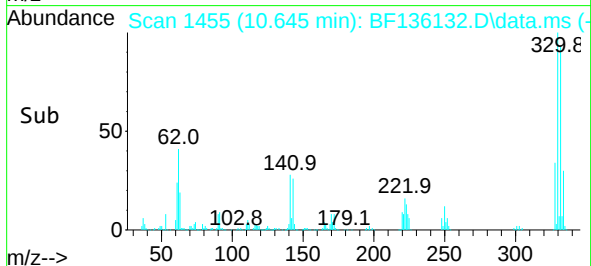
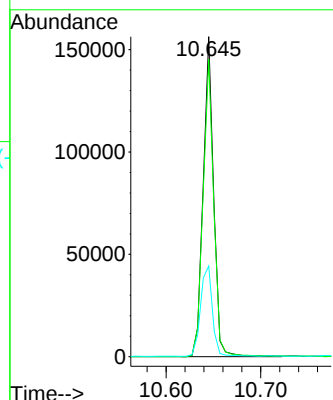
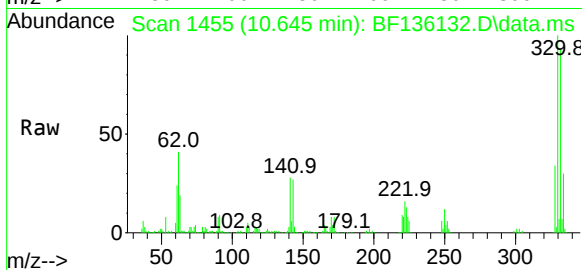
Tgt Ion:330 Resp: 120549

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 32.1 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 55.050 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

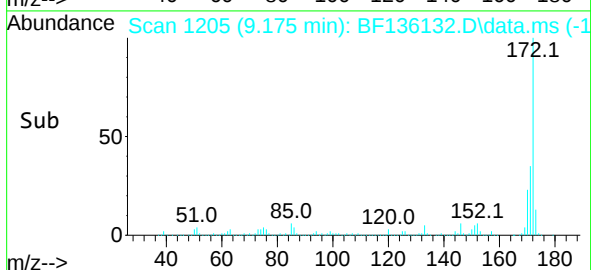
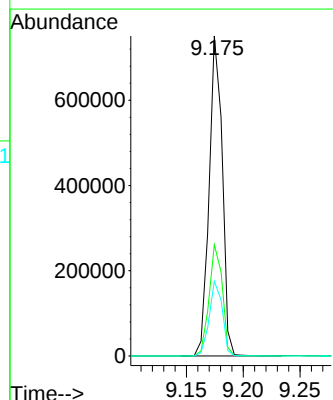
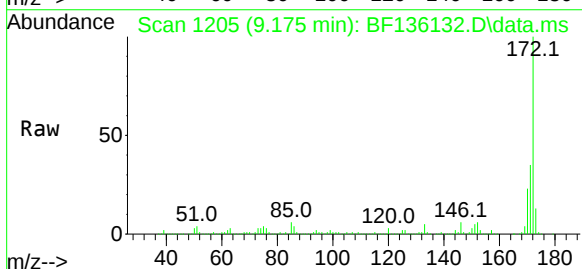
Tgt Ion:172 Resp: 600724

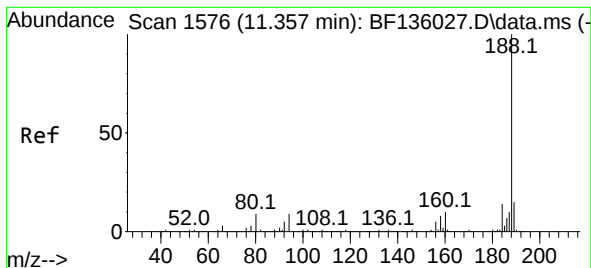
Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.0

170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

Instrument :

BNA_F

ClientSampleId :

PE-4

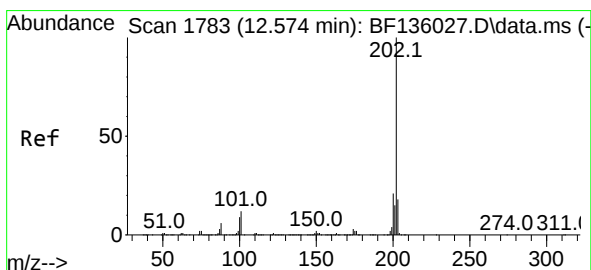
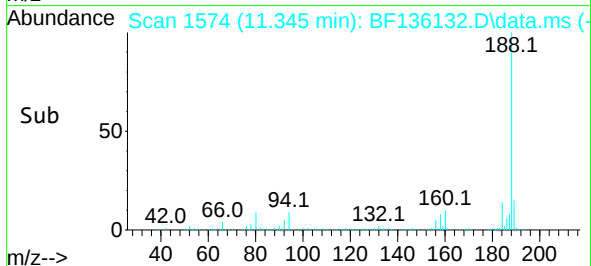
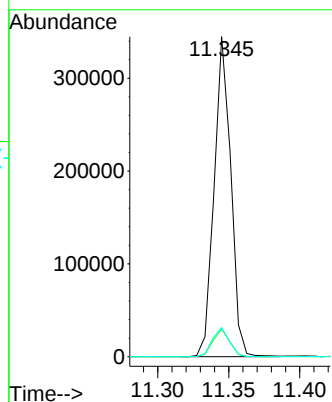
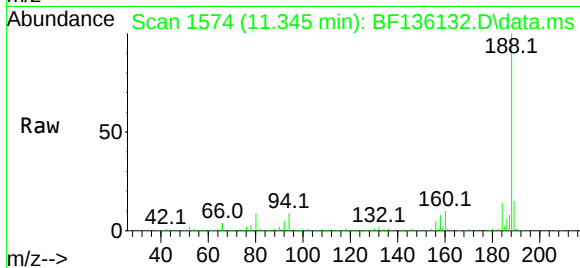
Tgt Ion:188 Resp: 281423

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.1 7.4 11.0



#75

Fluoranthene

Concen: 2.387 ng

RT: 12.563 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

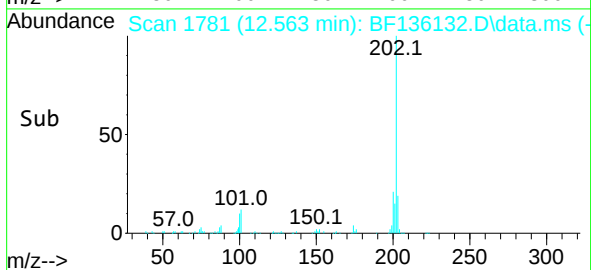
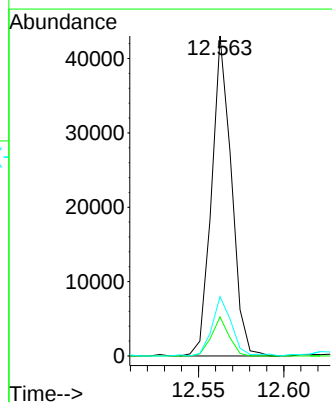
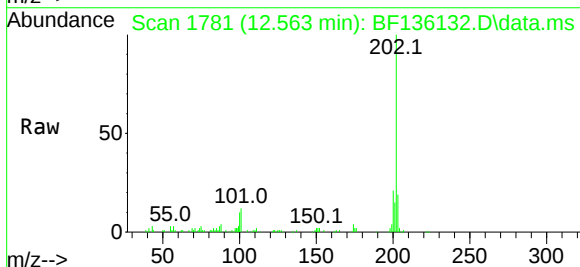
Tgt Ion:202 Resp: 34746

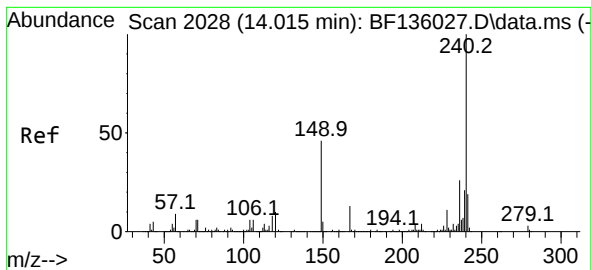
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.8

203 18.6 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

Instrument :

BNA_F

ClientSampleId :

PE-4

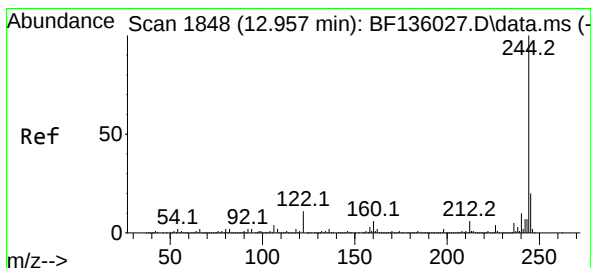
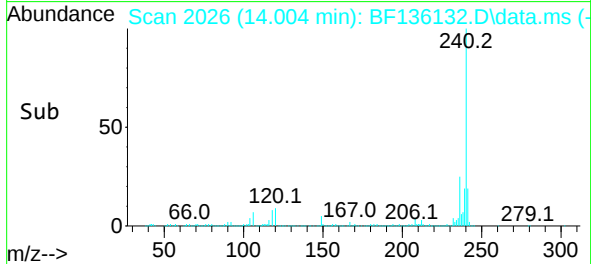
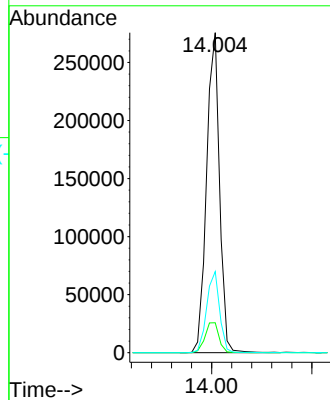
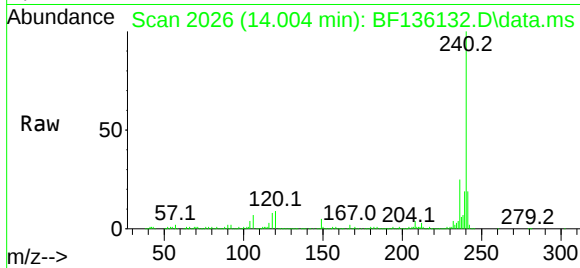
Tgt Ion:240 Resp: 248578

Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 35.558 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF136132.D

Acq: 03 Nov 2023 19:08

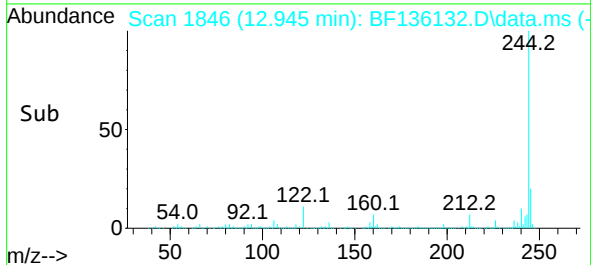
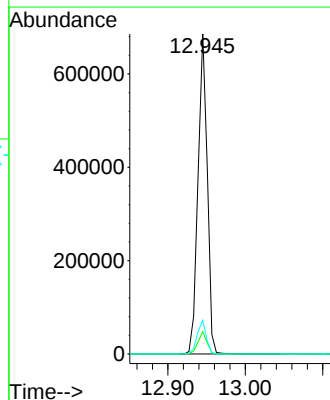
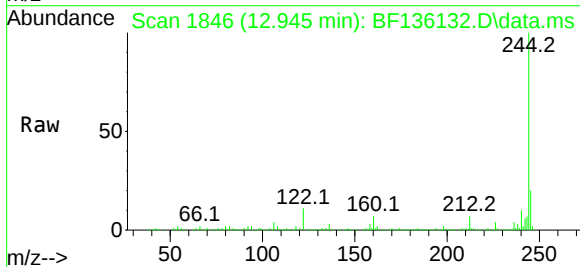
Tgt Ion:244 Resp: 568774

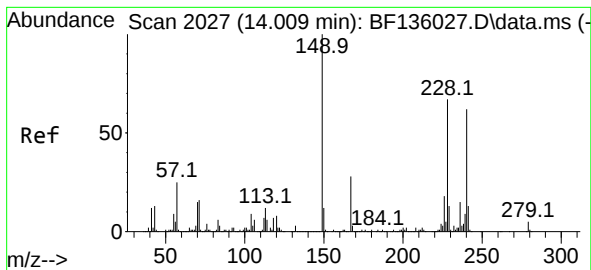
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.6 8.6 12.8

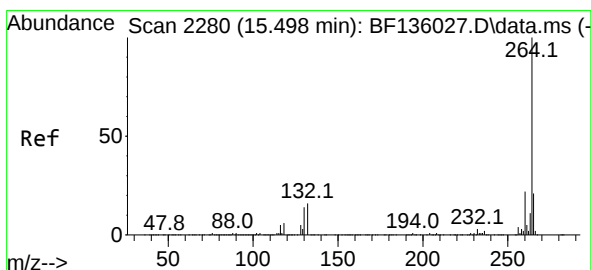
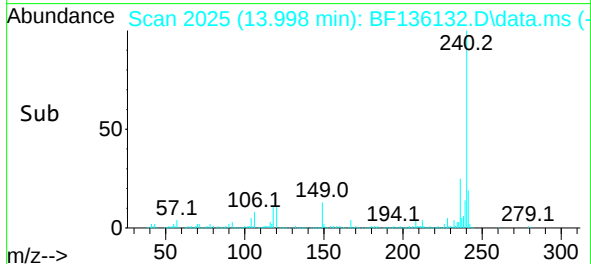
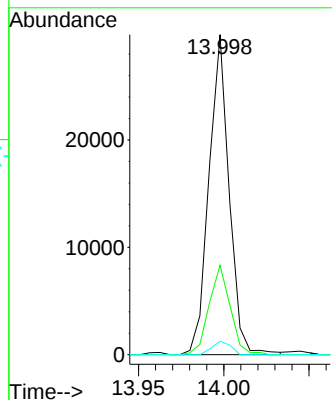
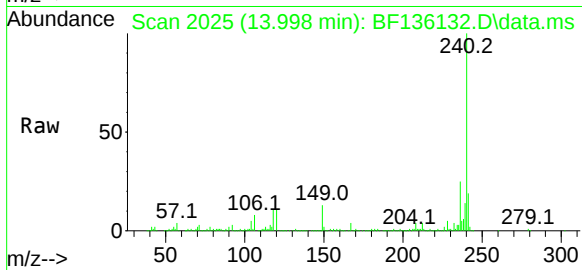




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.694 ng
 RT: 13.998 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF136132.D
 Acq: 03 Nov 2023 19:08

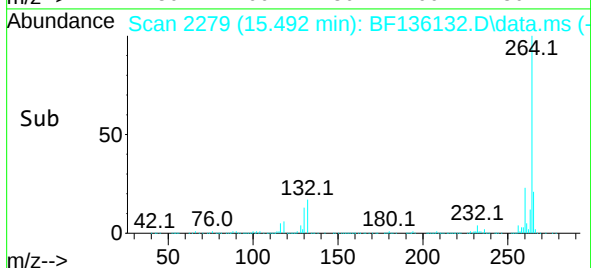
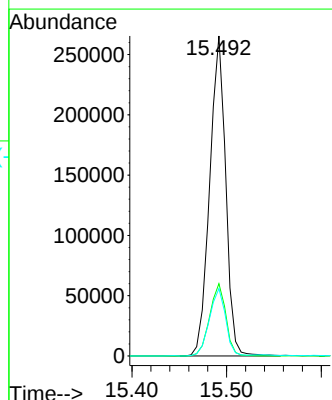
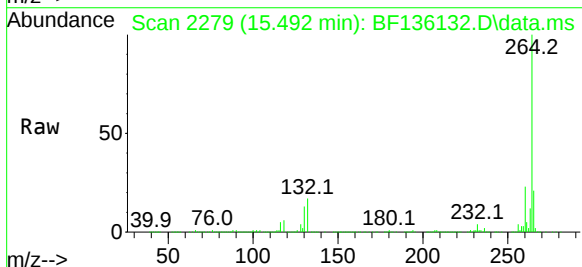
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

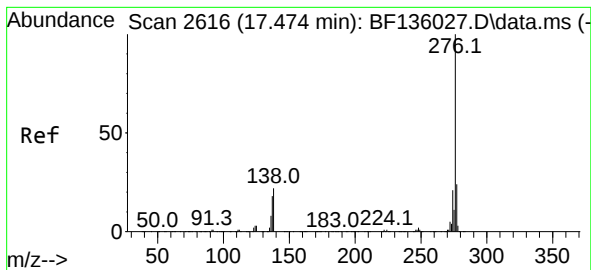
Tgt Ion:149 Resp: 24621
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 4.2 4.1 6.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136132.D
 Acq: 03 Nov 2023 19:08

Tgt Ion:264 Resp: 312238
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 21.0 16.8 25.2





#92

Benzo(g,h,i)perylene

Concen: 3.634 ng

RT: 17.439 min Scan# 2

Delta R.T. -0.035 min

Lab File: BF136132.D

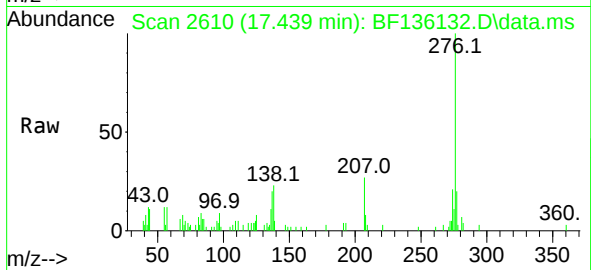
Acq: 03 Nov 2023 19:08

Instrument :

BNA_F

ClientSampleId :

PE-4



Tgt Ion:276 Resp: 14973

Ion Ratio Lower Upper

276 100

277 20.0 19.0 28.4

138 22.8 17.4 26.2

