

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136145.D
 Acq On : 04 Nov 2023 13:57
 Operator : CG\JU
 Sample : 05095-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F07367

Quant Time: Nov 06 01:01:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	95989	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	374851	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	199484	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	359590	20.000	ng	0.00
76) Chrysene-d12	14.004	240	191441	20.000	ng	0.00
86) Perylene-d12	15.492	264	250890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	323747	53.000	ng	0.00
7) Phenol-d6	6.440	99	243612	32.009	ng	-0.02
23) Nitrobenzene-d5	7.381	82	573341	92.203	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	281454	132.185	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1084859	86.692	ng	0.00
79) Terphenyl-d14	12.951	244	1208686	98.116	ng	0.00

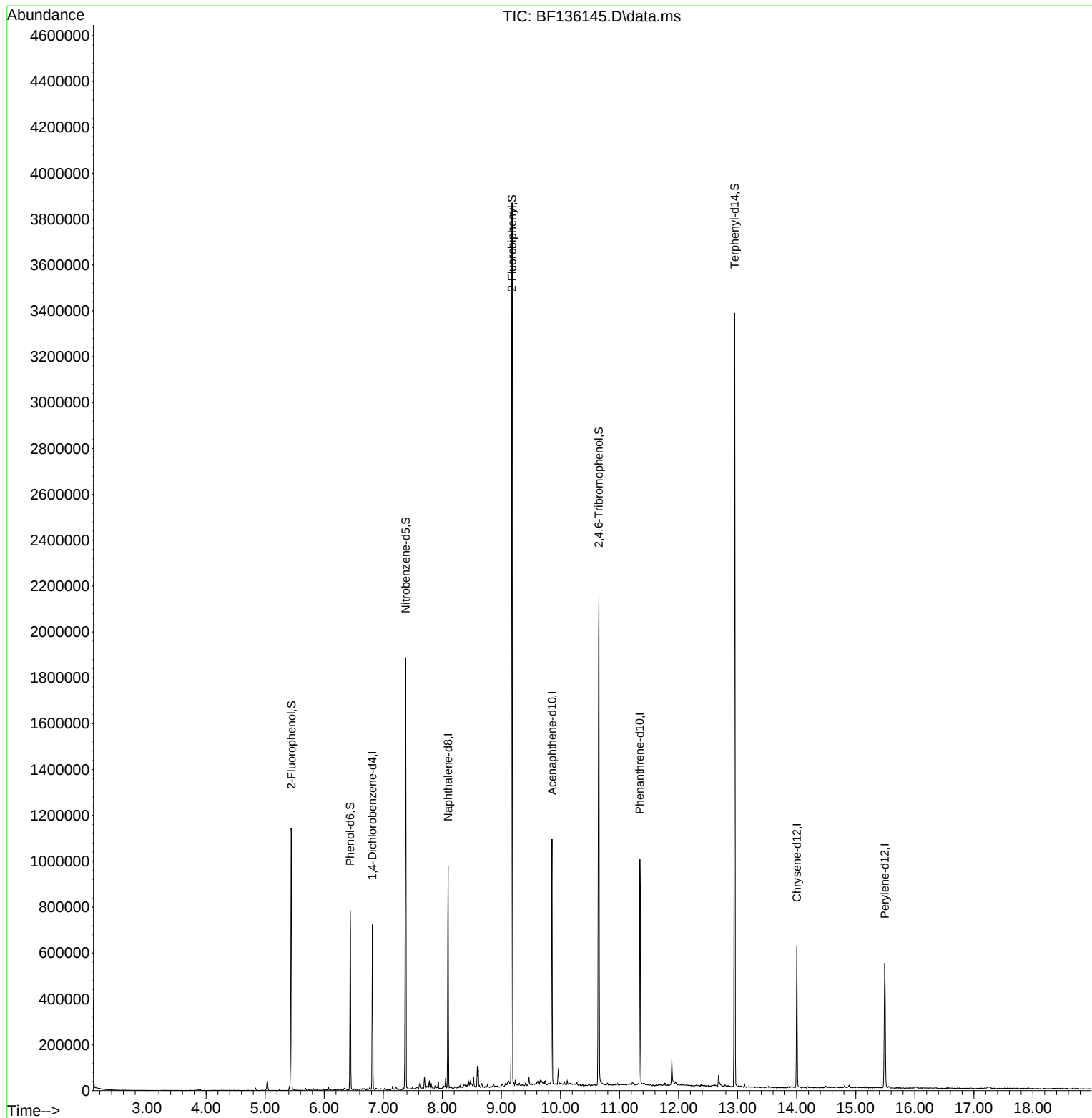
Target Compounds	Qvalue

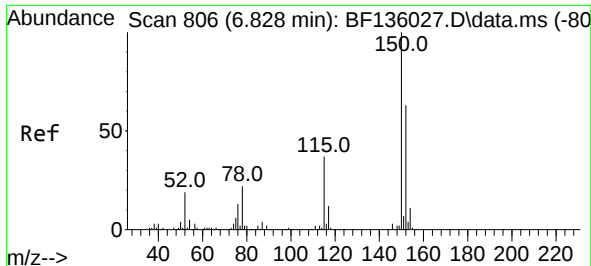
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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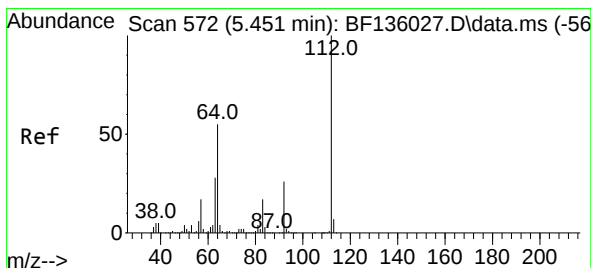
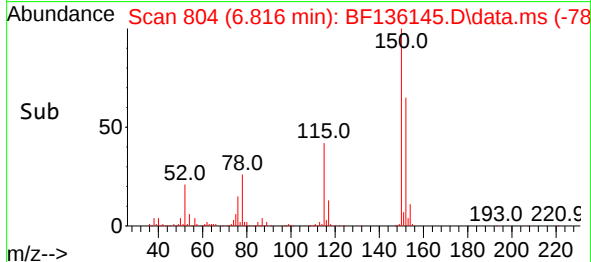
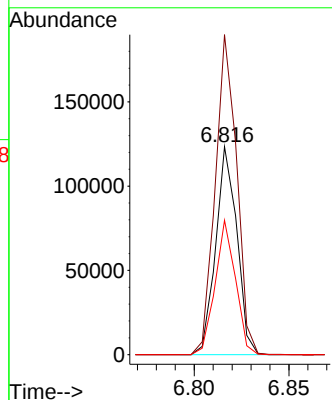
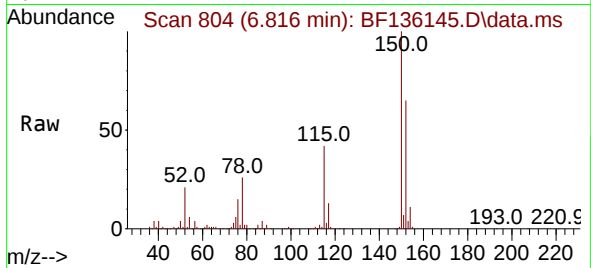




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

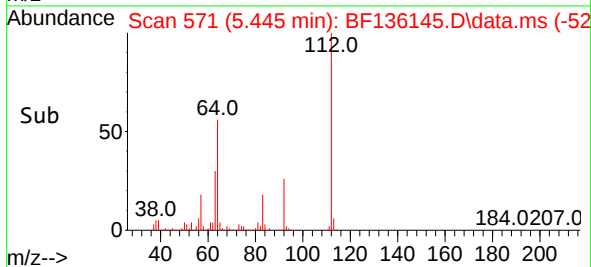
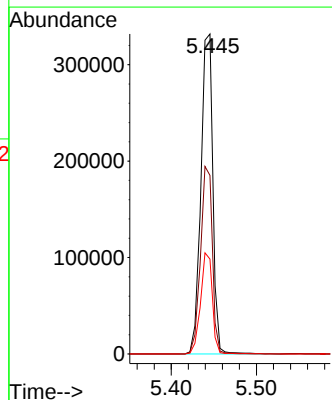
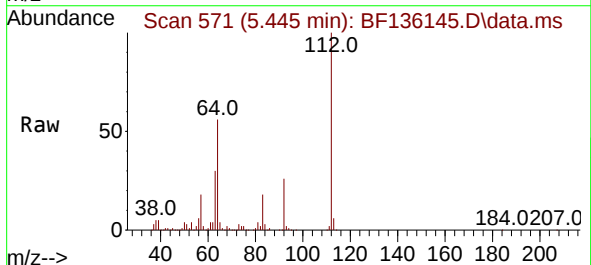
Instrument :
BNA_F
ClientSampleId :
F07367

Tgt Ion:152 Resp: 95989
Ion Ratio Lower Upper
152 100
150 153.8 126.4 189.6
115 64.6 47.0 70.4



#5
2-Fluorophenol
Concen: 53.000 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

Tgt Ion:112 Resp: 323747
Ion Ratio Lower Upper
112 100
64 55.8 43.9 65.9
63 29.7 22.4 33.6

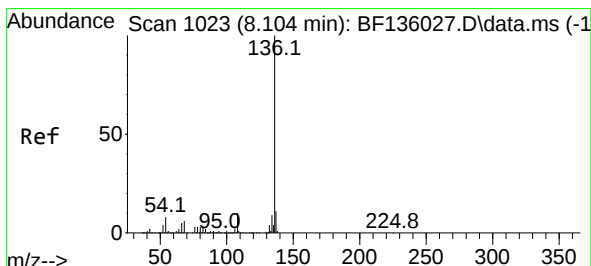
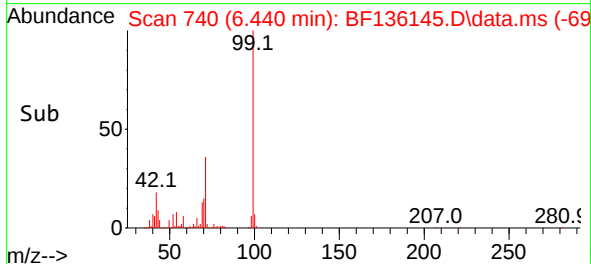
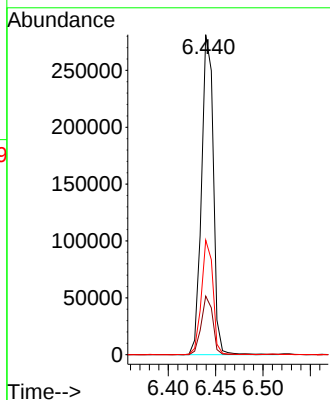
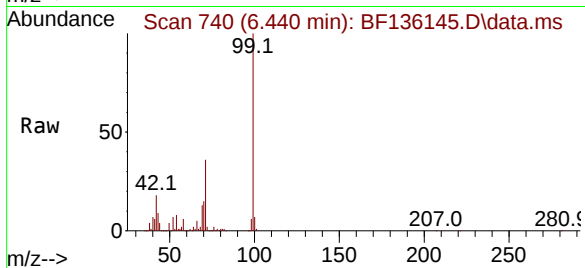




#7
Phenol-d6
Concen: 32.009 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

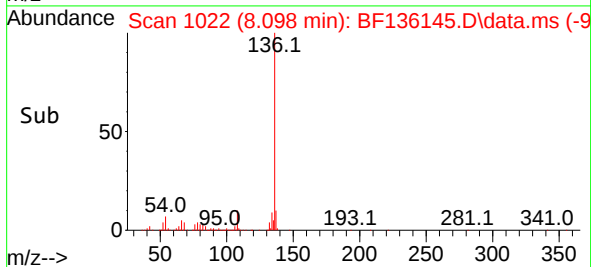
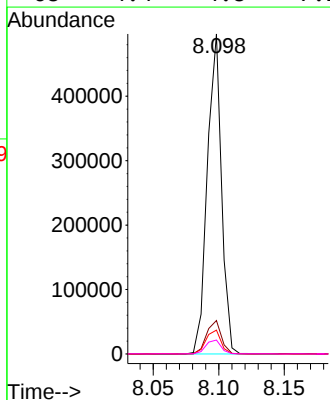
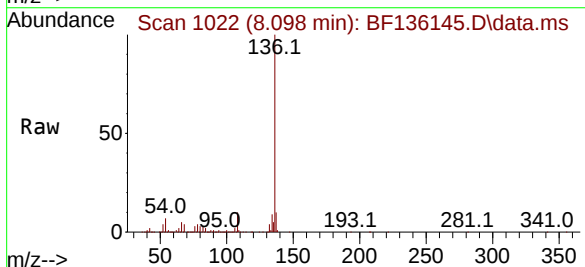
Instrument :
BNA_F
ClientSampleId :
F07367

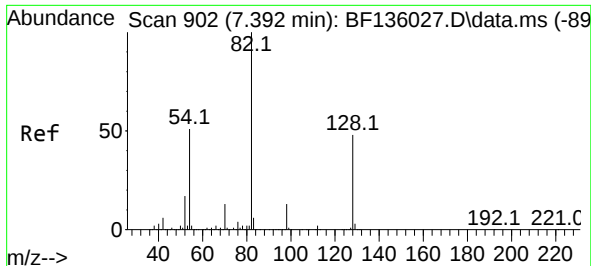
Tgt Ion: 99 Resp: 243612
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 35.8 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

Tgt Ion:136 Resp: 374851
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.5 6.6 9.8
68 4.4 4.8 7.2#

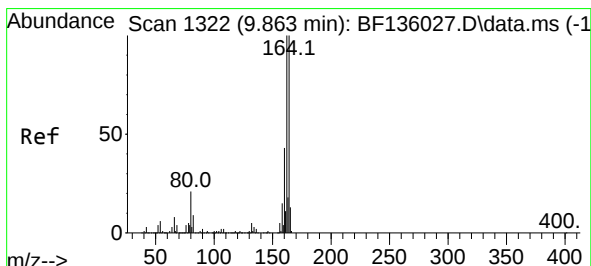
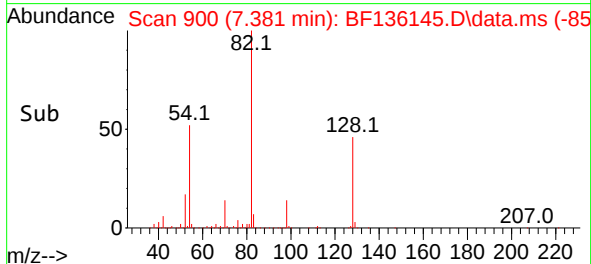
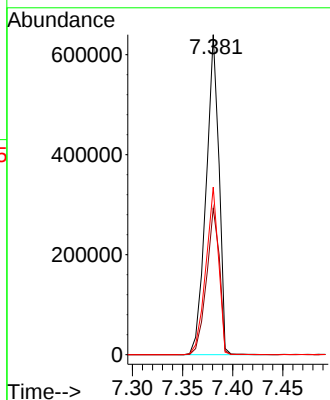
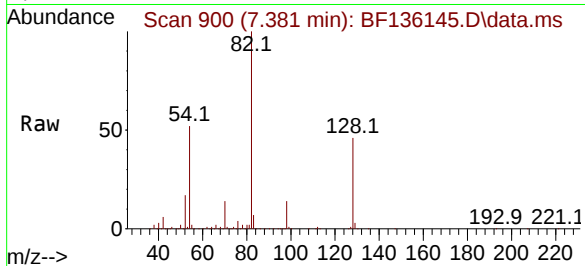




#23
Nitrobenzene-d5
Concen: 92.203 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

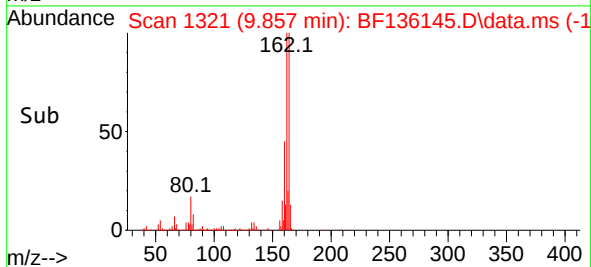
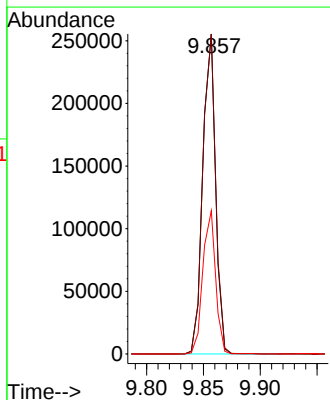
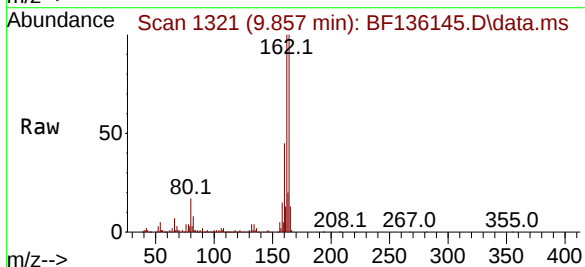
Instrument :
BNA_F
ClientSampleId :
F07367

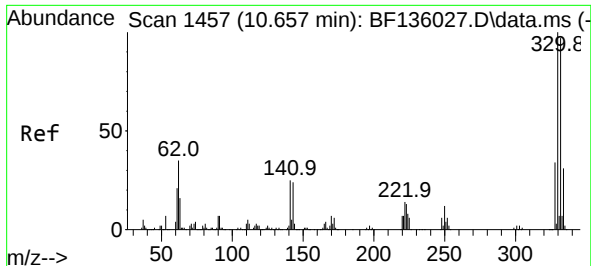
Tgt Ion: 82 Resp: 573341
Ion Ratio Lower Upper
82 100
128 45.8 38.6 57.8
54 52.4 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136145.D
Acq: 04 Nov 2023 13:57

Tgt Ion:164 Resp: 199484
Ion Ratio Lower Upper
164 100
162 100.1 80.1 120.1
160 44.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 132.185 ng

RT: 10.651 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF136145.D

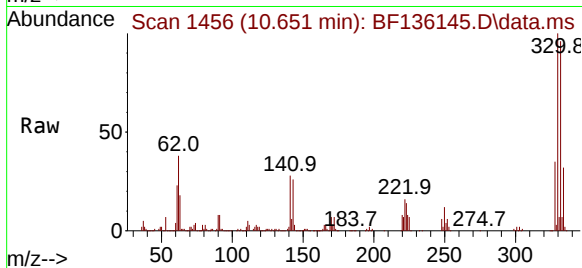
Acq: 04 Nov 2023 13:57

Instrument :

BNA_F

ClientSampleId :

F07367



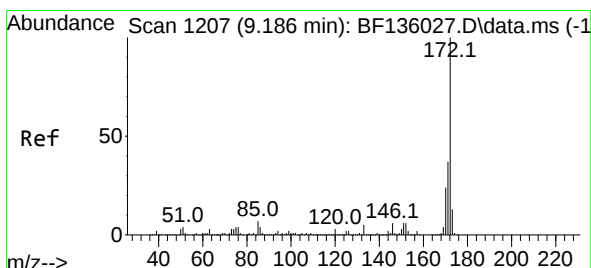
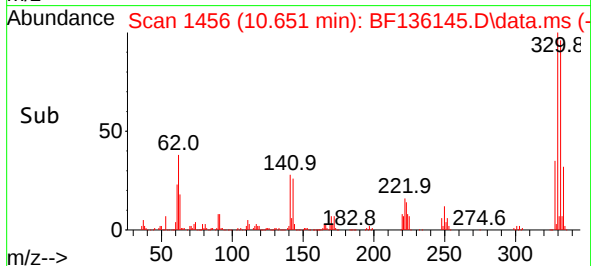
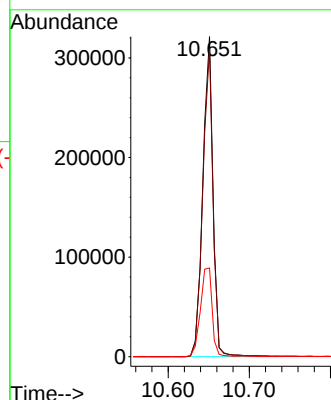
Tgt Ion:330 Resp: 281454

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 86.692 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136145.D

Acq: 04 Nov 2023 13:57

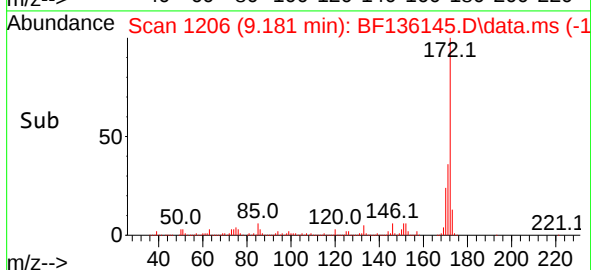
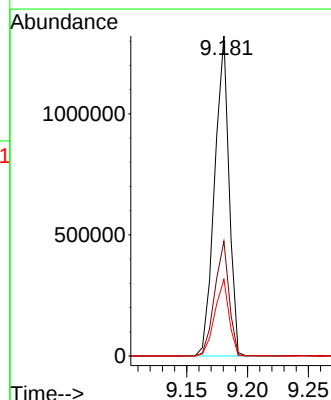
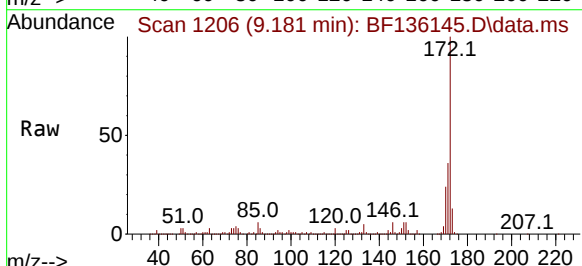
Tgt Ion:172 Resp: 1084859

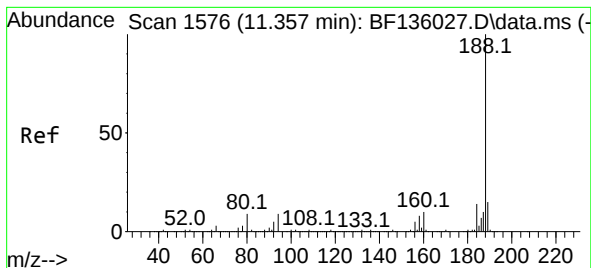
Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

170 24.0 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136145.D

Acq: 04 Nov 2023 13:57

Instrument :

BNA_F

ClientSampleId :

F07367

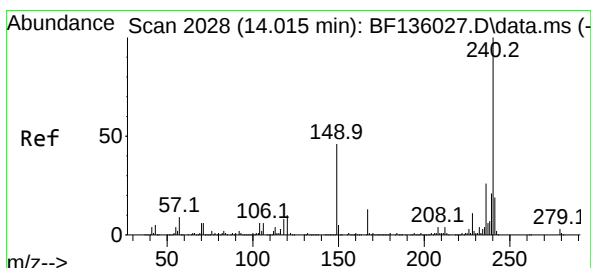
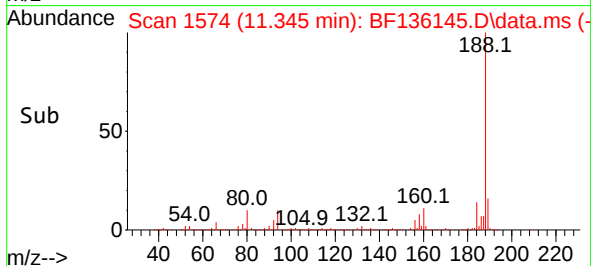
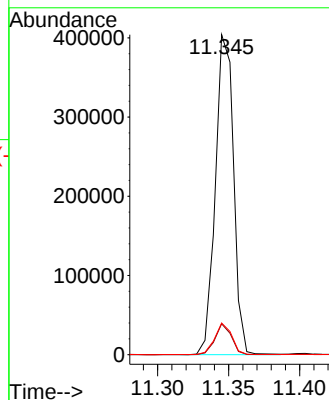
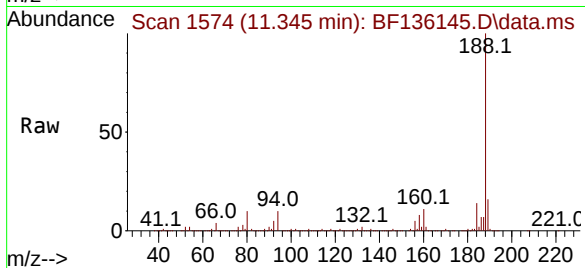
Tgt Ion:188 Resp: 359590

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 9.9 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136145.D

Acq: 04 Nov 2023 13:57

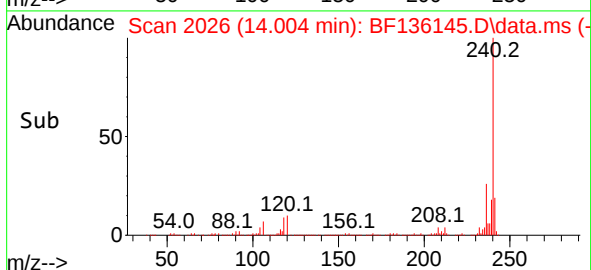
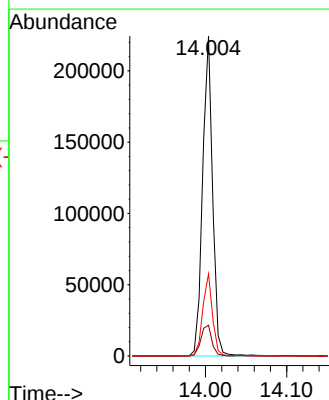
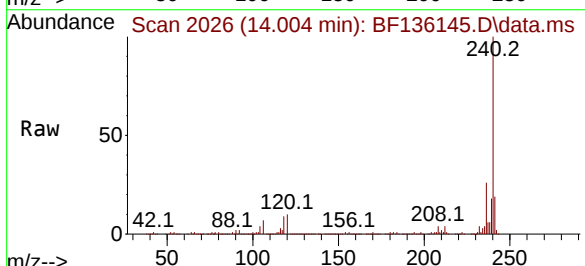
Tgt Ion:240 Resp: 191441

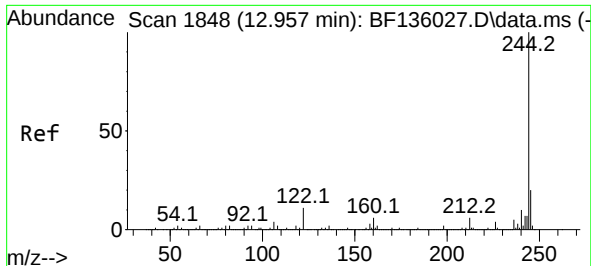
Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

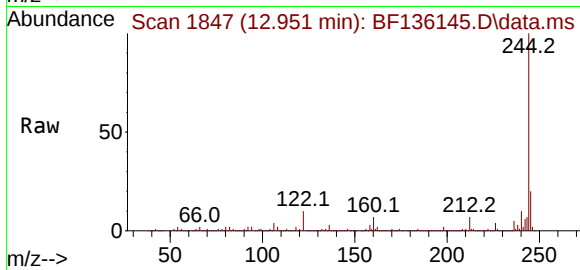
236 25.6 20.6 31.0



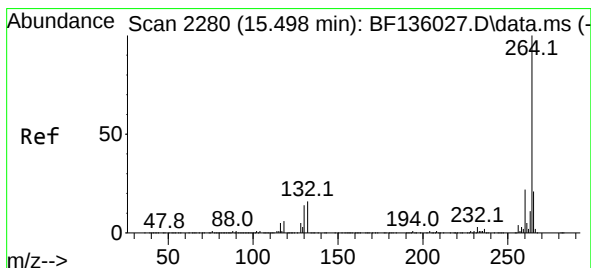
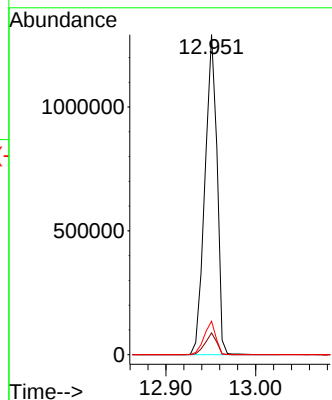
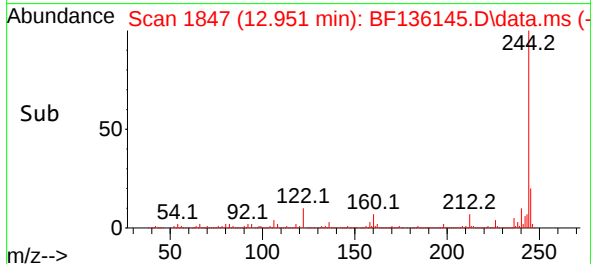


#79
 Terphenyl-d14
 Concen: 98.116 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136145.D
 Acq: 04 Nov 2023 13:57

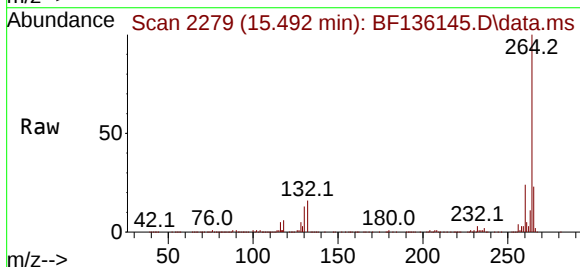
Instrument :
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Tgt Ion:244 Resp: 1208686
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF136145.D
 Acq: 04 Nov 2023 13:57



Tgt Ion:264 Resp: 250890
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.9 26.9
 265 22.8 16.8 25.2

