

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135881.D
 Acq On : 19 Oct 2023 12:24
 Operator : CG\JU
 Sample : PB156361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156361BL

Quant Time: Oct 19 13:11:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	83450	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	341471	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	168383	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	373309	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	237742	20.000	ng	-0.01
86) Perylene-d12	15.416	264	207070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	765079	147.400	ng	0.01
7) Phenol-d6	6.399	99	928298	143.338	ng	0.00
23) Nitrobenzene-d5	7.310	82	530401	85.429	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	264741	163.848	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	995345	92.422	ng	0.00
79) Terphenyl-d14	12.875	244	1231315	95.914	ng	0.00

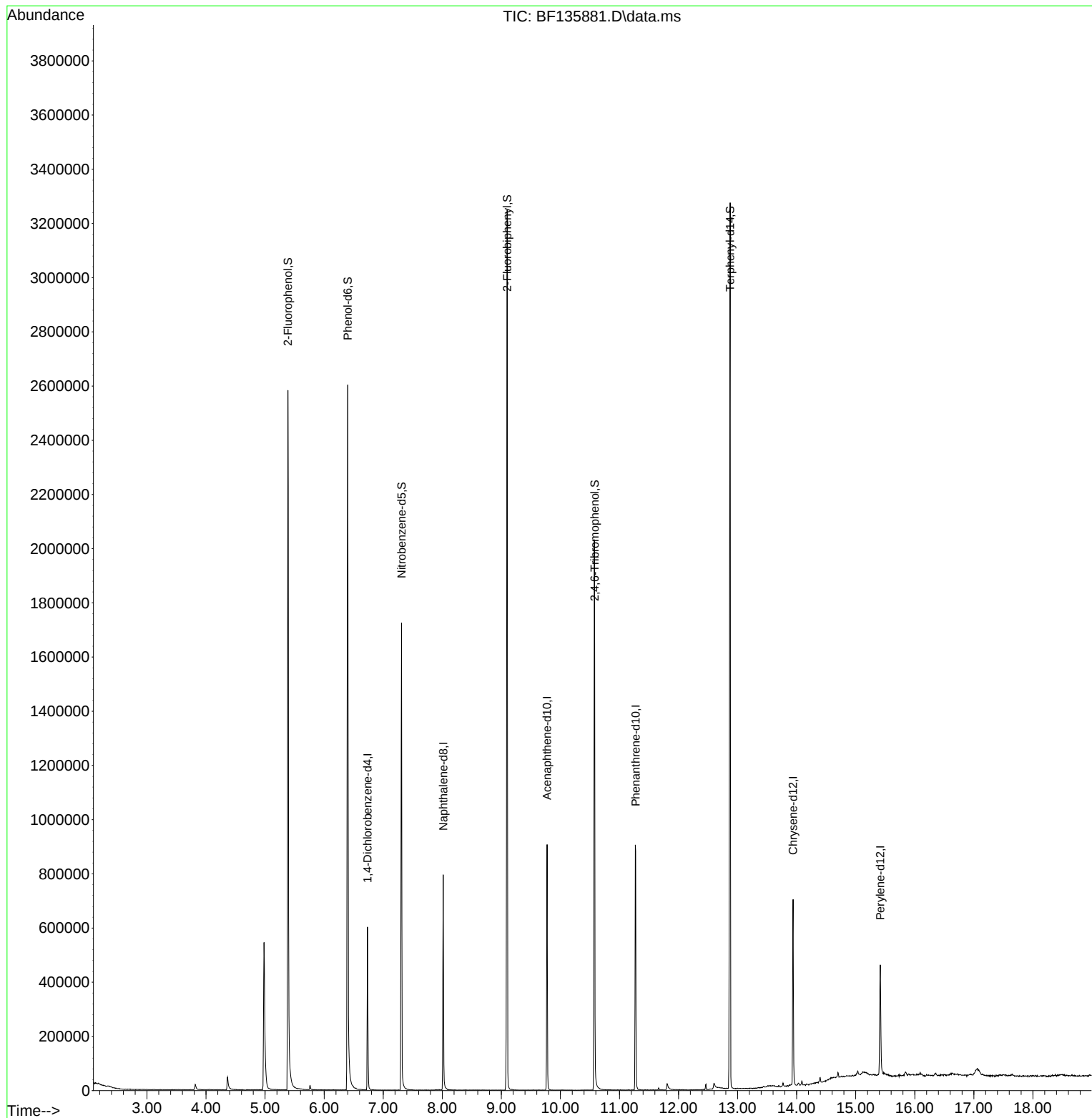
Target Compounds	Qvalue

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

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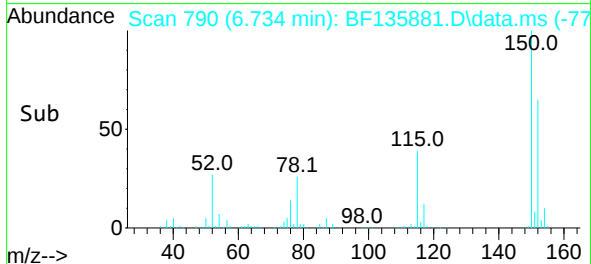
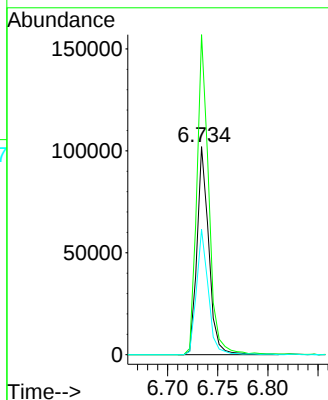
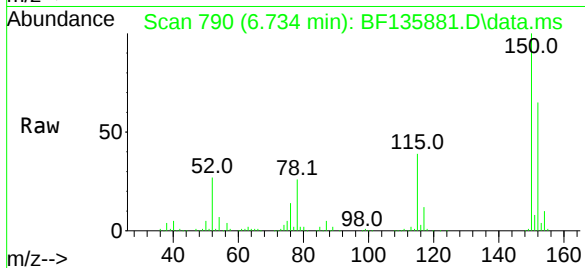




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

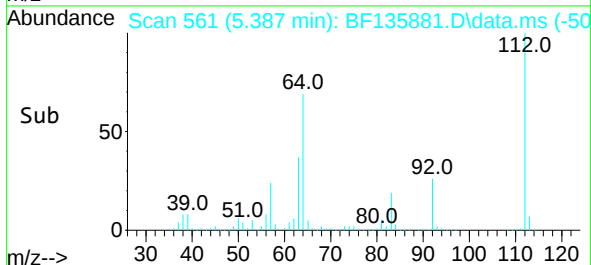
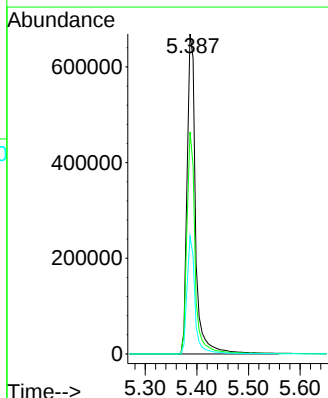
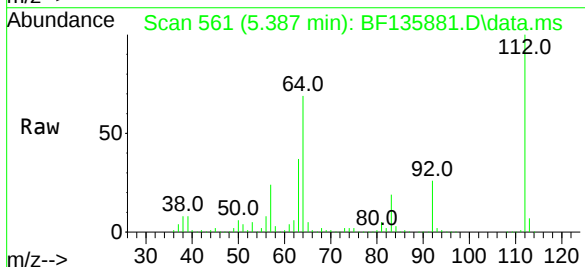
Instrument :
BNA_F
ClientSampleId :
PB156361BL

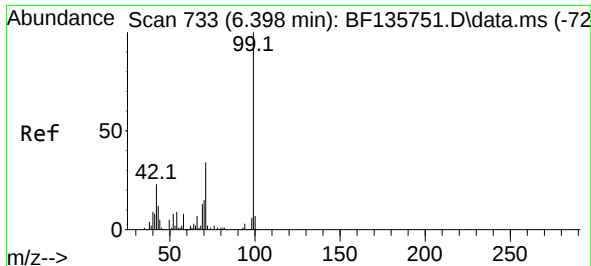
Tgt Ion:152 Resp: 83450
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 147.400 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:112 Resp: 765079
Ion Ratio Lower Upper
112 100
64 69.4 51.2 76.8
63 36.8 26.1 39.1

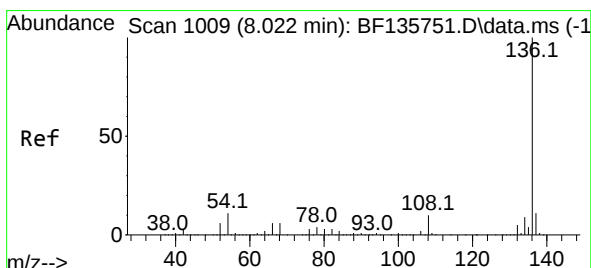
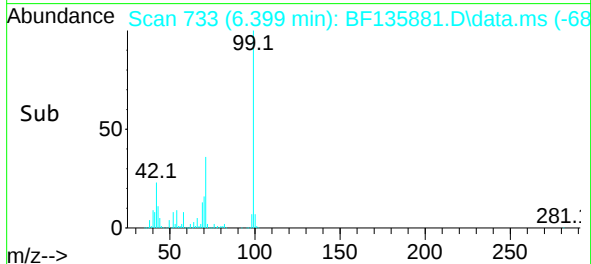
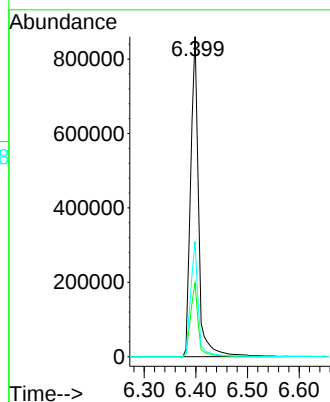
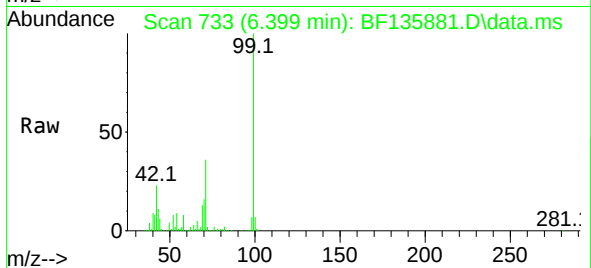




#7
Phenol-d6
Concen: 143.338 ng
RT: 6.399 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

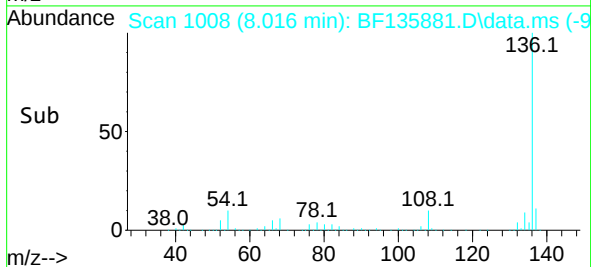
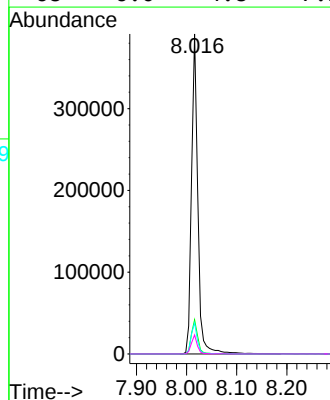
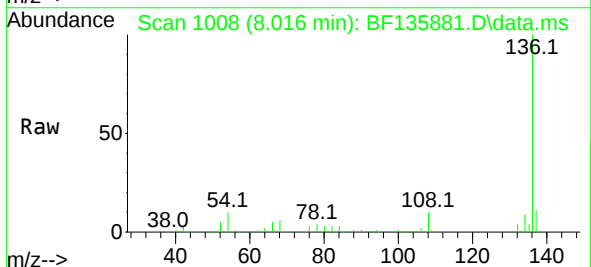
Instrument :
BNA_F
ClientSampleId :
PB156361BL

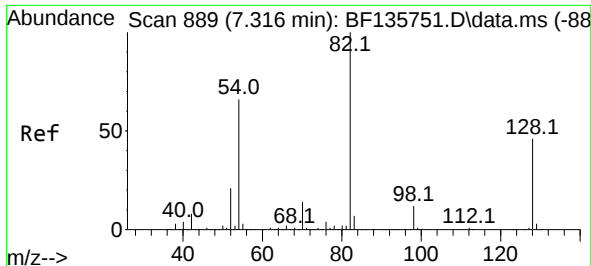
Tgt Ion: 99 Resp: 928298
Ion Ratio Lower Upper
99 100
42 23.0 18.4 27.6
71 36.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion: 136 Resp: 341471
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.5 12.7
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.429 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

Instrument :

BNA_F

ClientSampleId :

PB156361BL

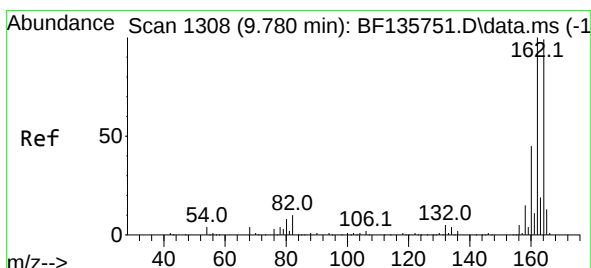
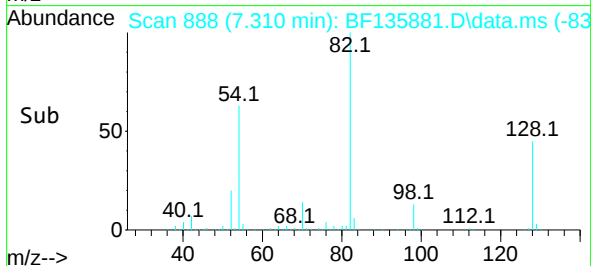
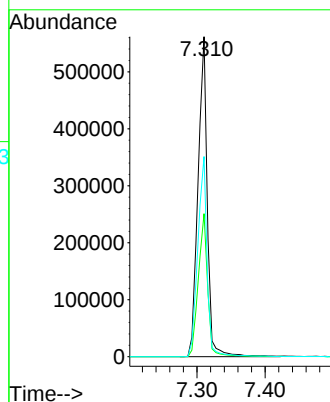
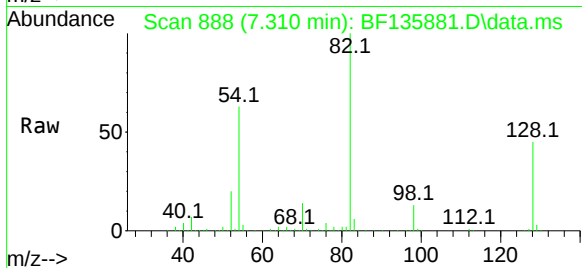
Tgt Ion: 82 Resp: 530401

Ion Ratio Lower Upper

82 100

128 44.7 37.0 55.6

54 62.5 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

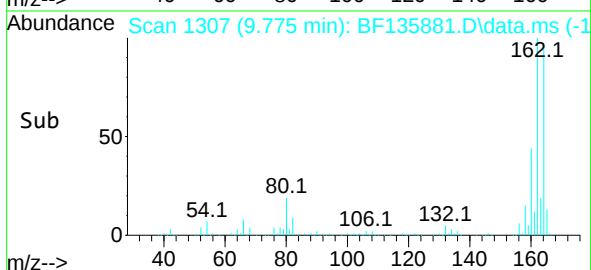
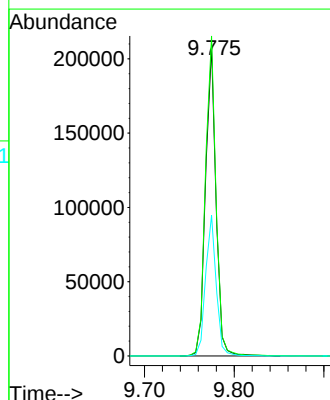
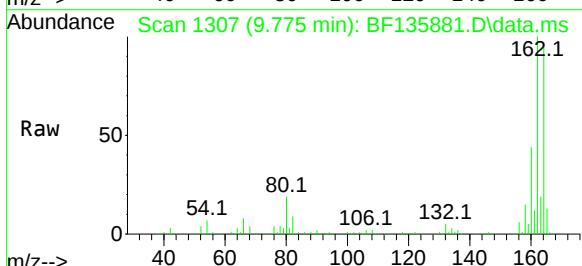
Tgt Ion:164 Resp: 168383

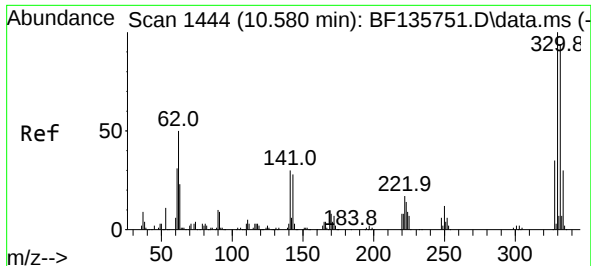
Ion Ratio Lower Upper

164 100

162 103.7 80.8 121.2

160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 163.848 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135881.D

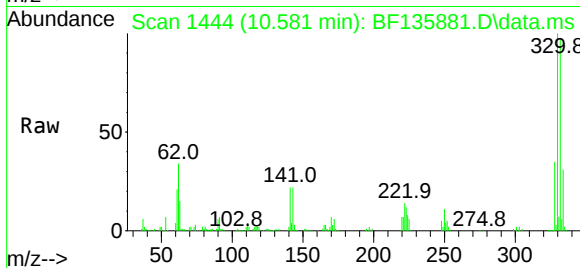
Acq: 19 Oct 2023 12:24

Instrument :

BNA_F

ClientSampleId :

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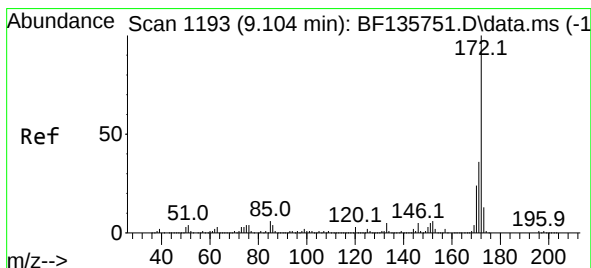
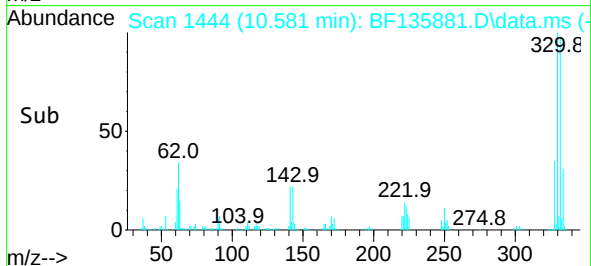
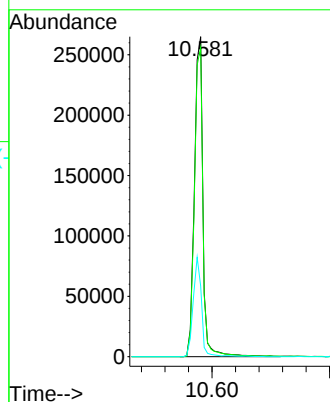
Tgt Ion:330 Resp: 264741

Ion Ratio Lower Upper

330 100

332 96.5 75.0 112.4

141 30.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 92.422 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135881.D

Acq: 19 Oct 2023 12:24

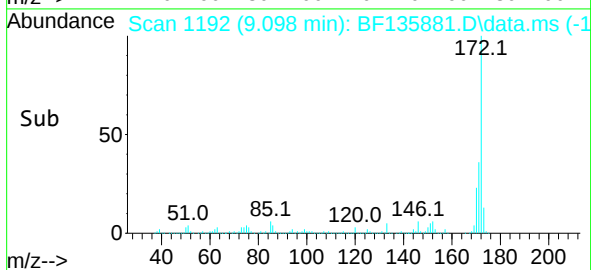
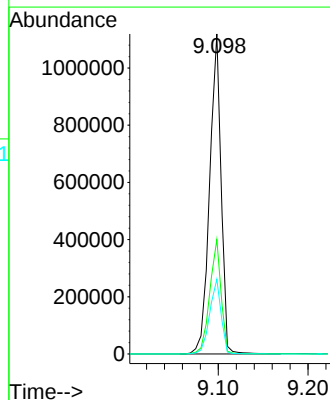
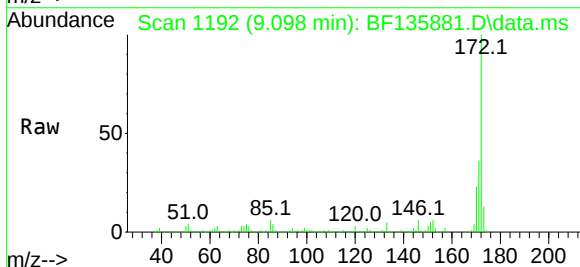
Tgt Ion:172 Resp: 995345

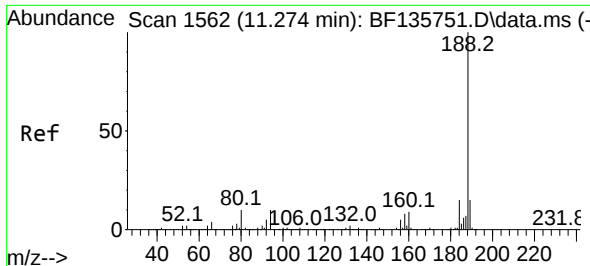
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 18.8 28.2

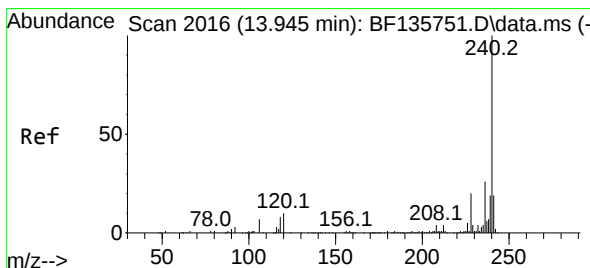
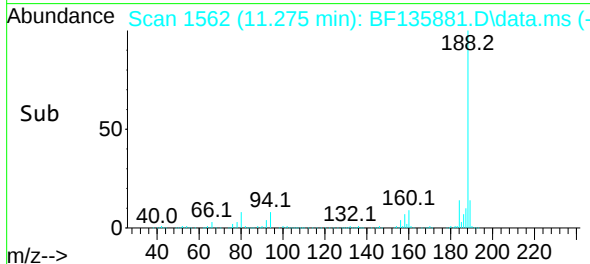
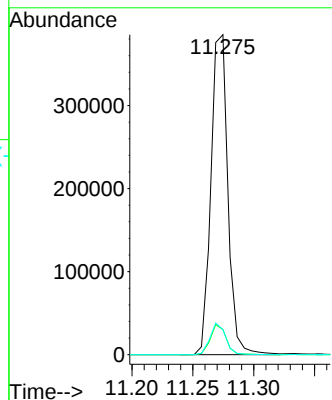
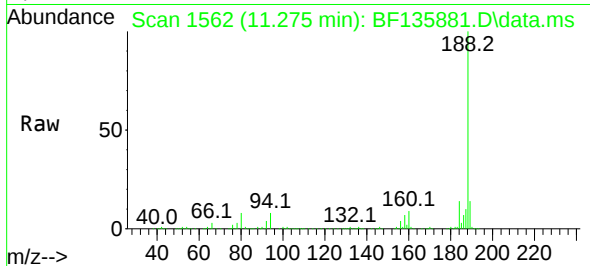




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

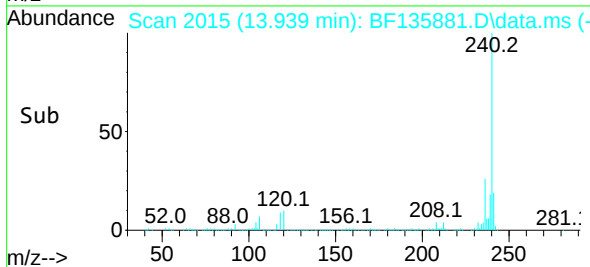
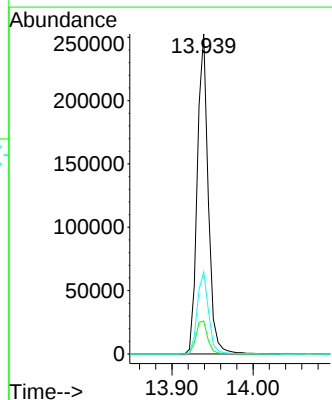
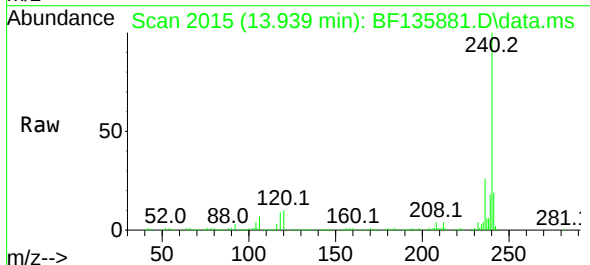
Instrument :
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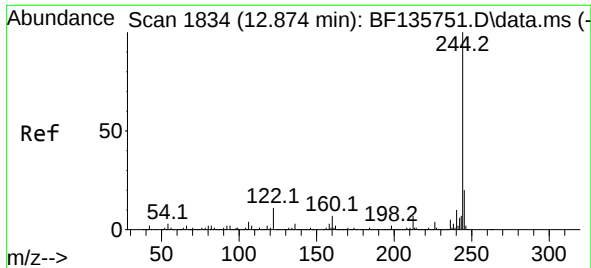
Tgt Ion:188 Resp: 373309
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 7.8 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135881.D
Acq: 19 Oct 2023 12:24

Tgt Ion:240 Resp: 237742
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.6 21.2 31.8

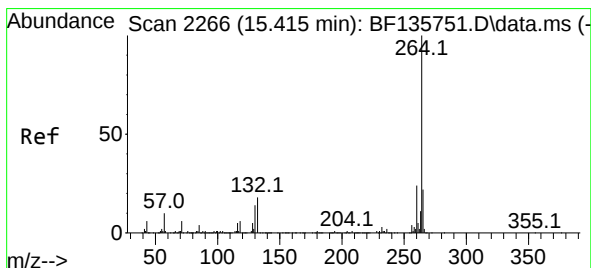
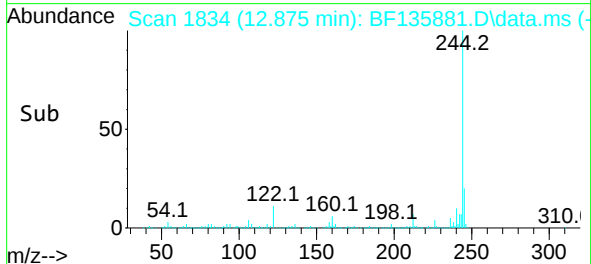
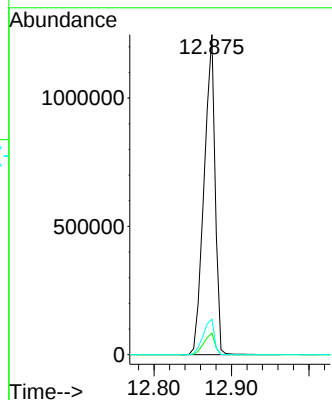
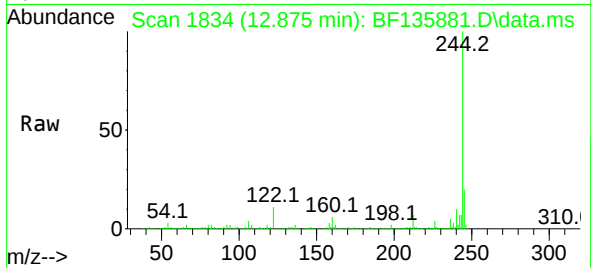




#79
 Terphenyl-d14
 Concen: 95.914 ng
 RT: 12.875 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135881.D
 Acq: 19 Oct 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1231315
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135881.D
 Acq: 19 Oct 2023 12:24

Tgt Ion:264 Resp: 207070
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.4 26.2

