

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130086.D
 Acq On : 01 Sep 2022 19:47
 Operator : CG\JU
 Sample : N4387-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251563-1

Quant Time: Sep 02 04:03:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	228975	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	895157	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	469313	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	756737	20.000	ng	0.00
76) Chrysene-d12	13.845	240	499442	20.000	ng	-0.01
86) Perylene-d12	15.245	264	436818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	857016	63.540	ng	0.00
7) Phenol-d6	6.322	99	660536	39.282	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1298713	93.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	538849	126.133	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2303307	81.370	ng	0.00
79) Terphenyl-d14	12.804	244	2312649	80.298	ng	0.00

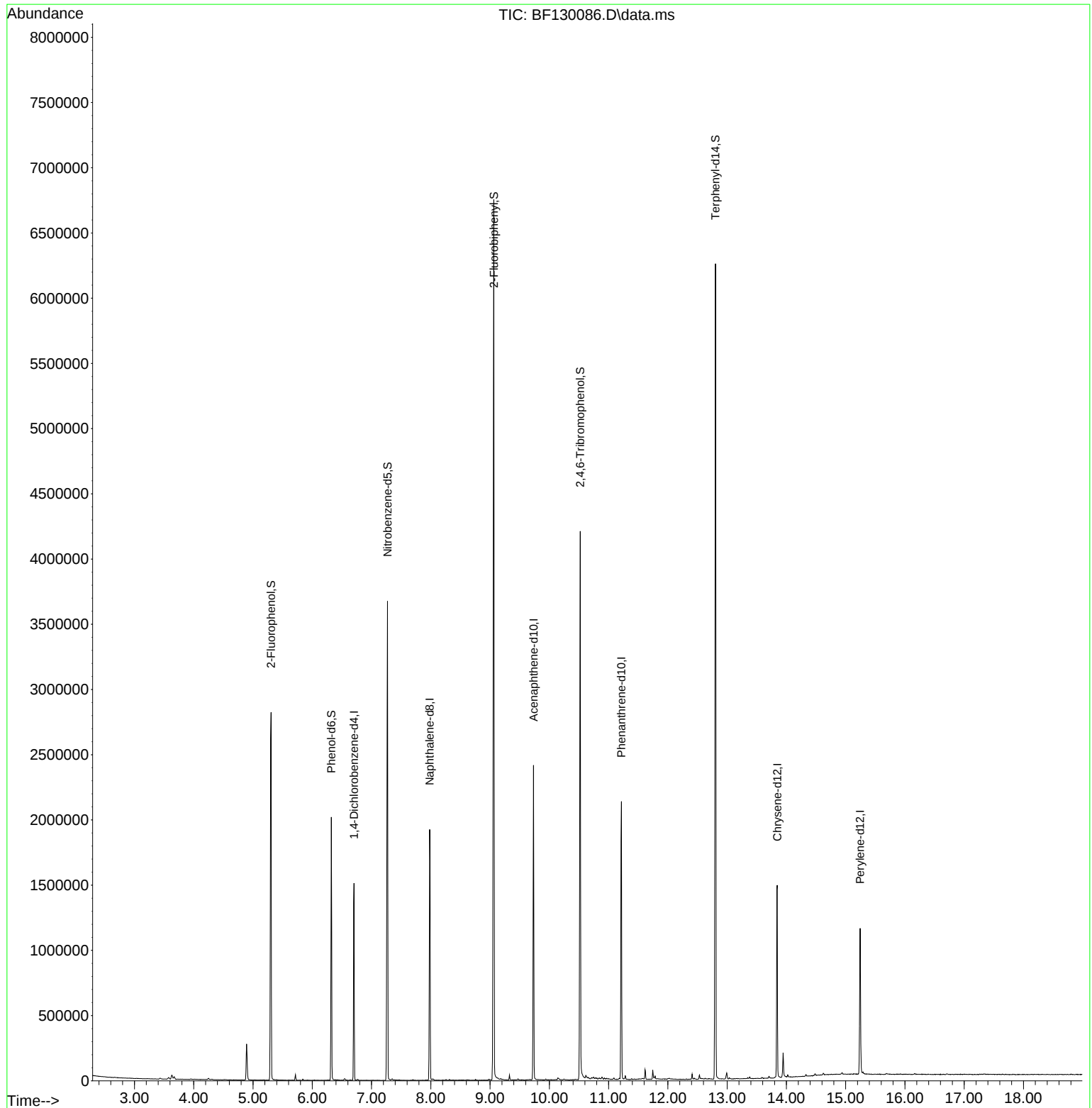
Target Compounds	Qvalue
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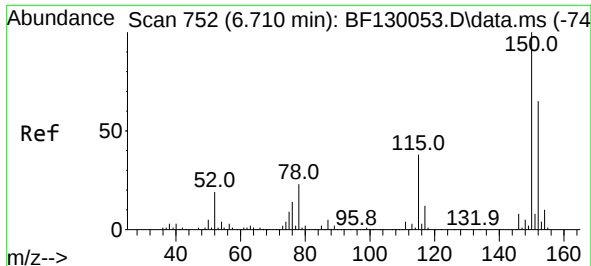
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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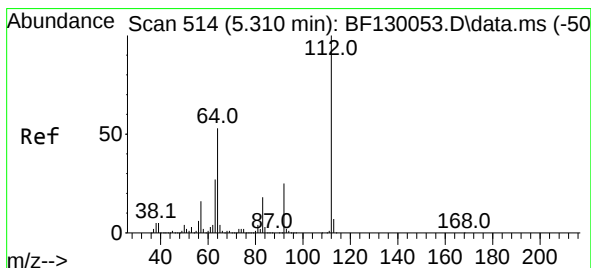
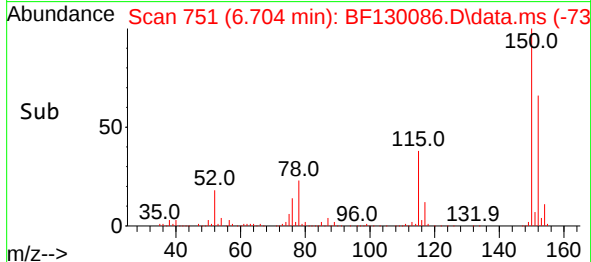
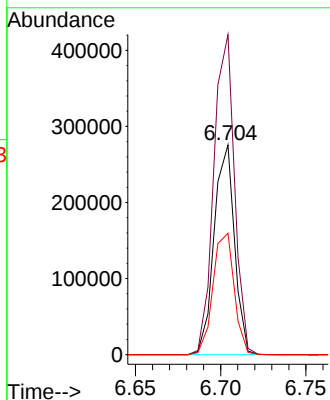
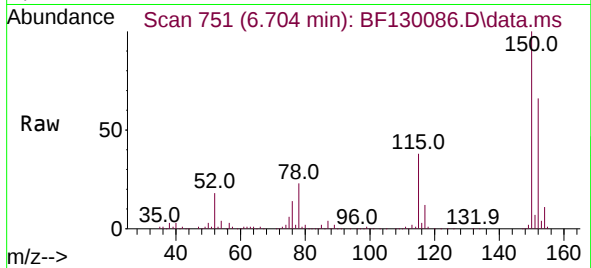




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

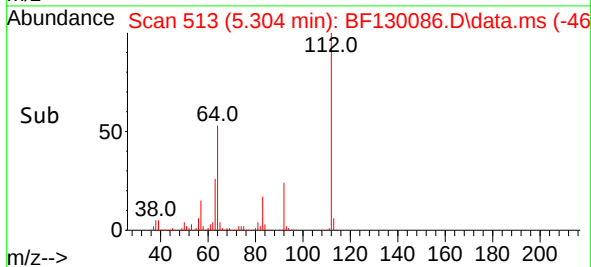
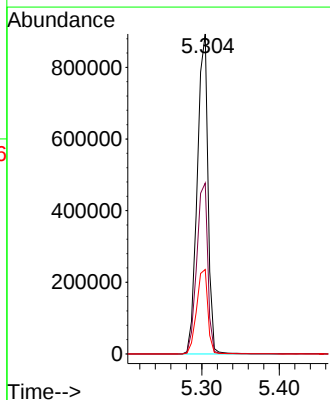
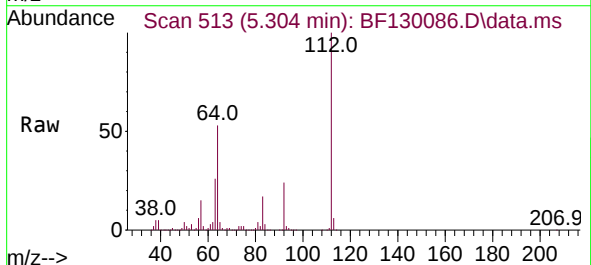
Instrument :
 BNA_F
 ClientSampleId :
 251563-1

Tgt Ion:152 Resp: 228975
 Ion Ratio Lower Upper
 152 100
 150 152.6 126.9 190.3
 115 57.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 63.540 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

Tgt Ion:112 Resp: 857016
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.6 71.4
 63 26.4 24.6 37.0

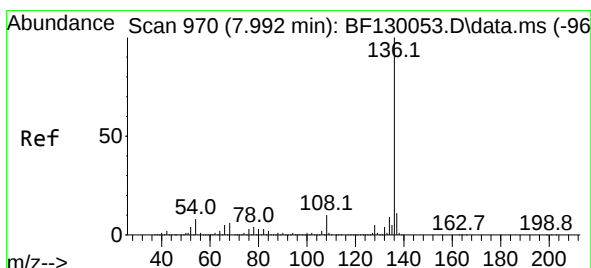
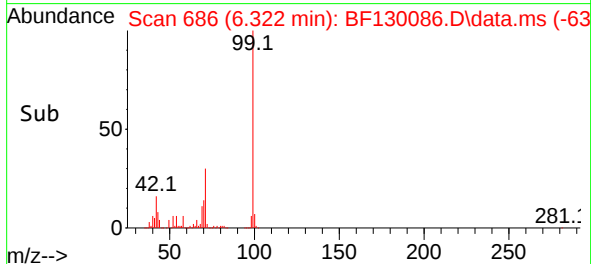
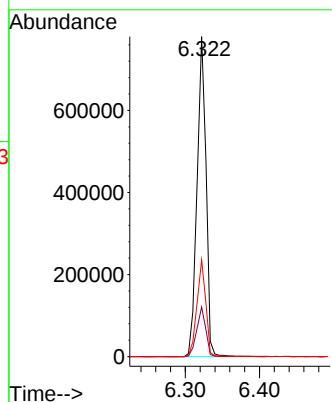
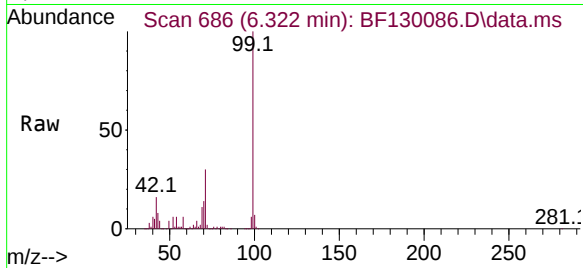




#7
Phenol-d6
Concen: 39.282 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

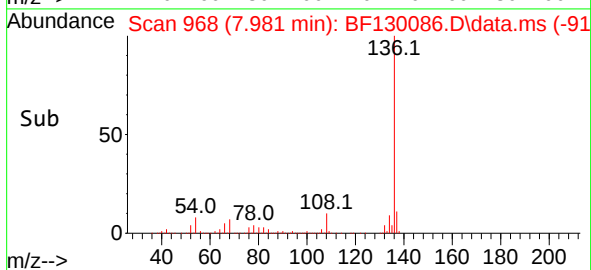
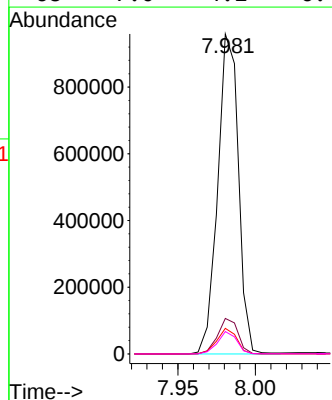
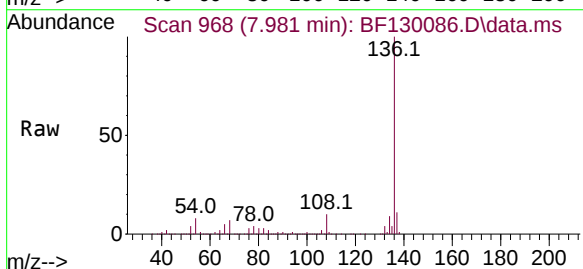
Instrument :
BNA_F
ClientSampleId :
251563-1

Tgt Ion: 99 Resp: 660536
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 30.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion: 136 Resp: 895157
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.0 6.2 9.2
68 7.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.239 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130086.D

Acq: 01 Sep 2022 19:47

Instrument :

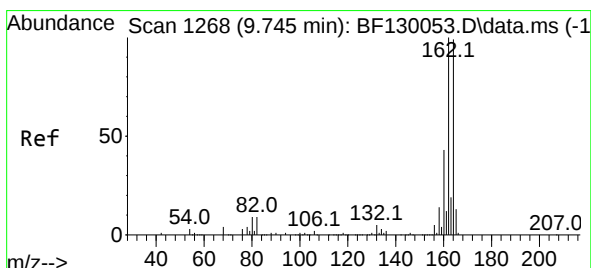
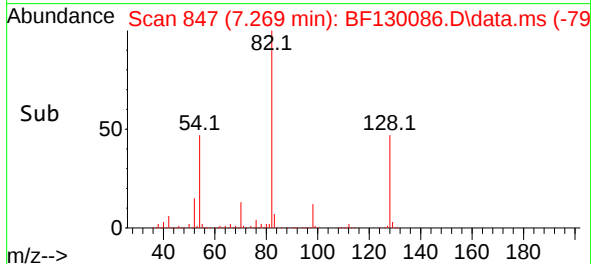
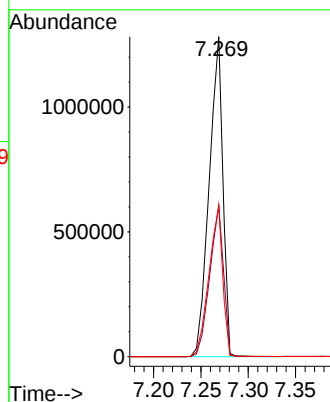
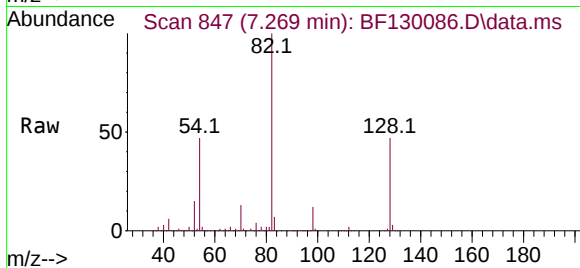
BNA_F

ClientSampleId :

251563-1

Tgt Ion: 82 Resp: 1298713

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	46.9	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

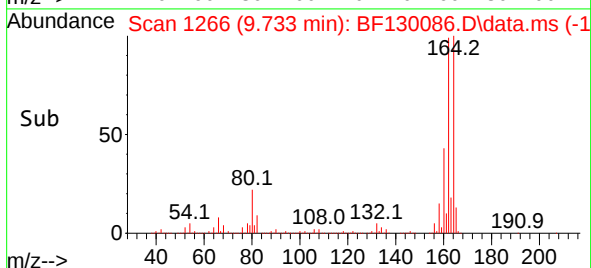
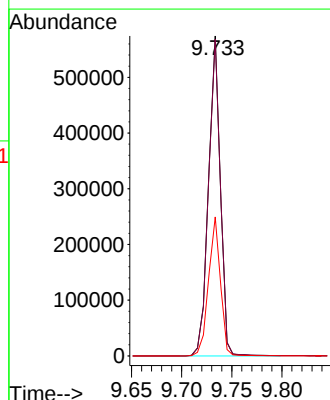
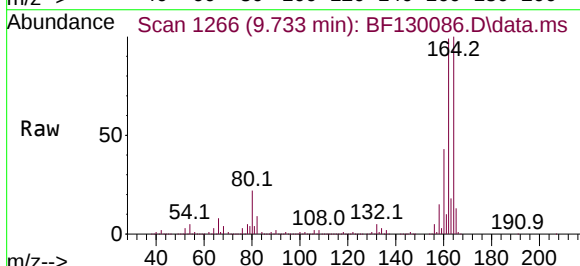
Delta R.T. -0.012 min

Lab File: BF130086.D

Acq: 01 Sep 2022 19:47

Tgt Ion: 164 Resp: 469313

Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.0	123.0
160	43.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 126.133 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130086.D

Acq: 01 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

251563-1

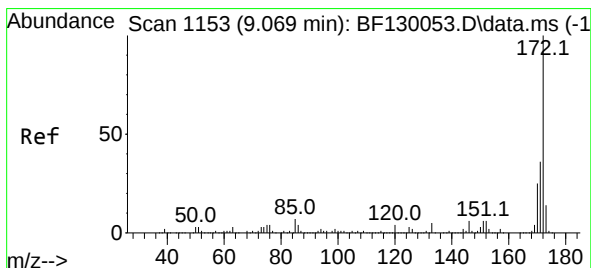
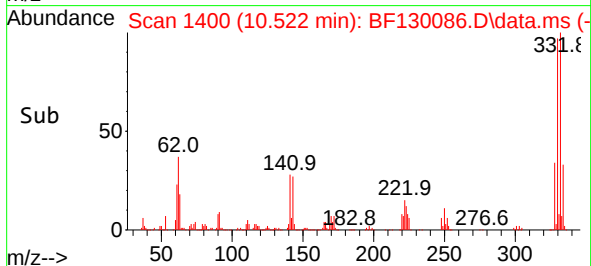
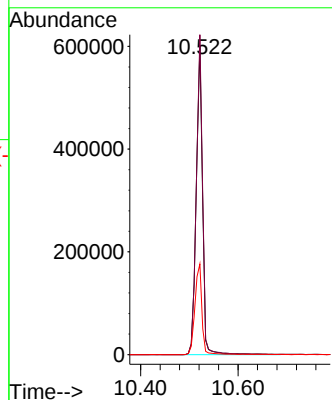
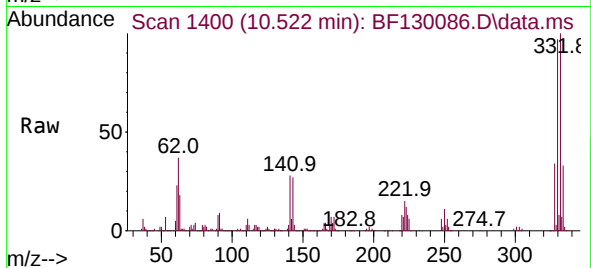
Tgt Ion:330 Resp: 538849

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 32.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.370 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130086.D

Acq: 01 Sep 2022 19:47

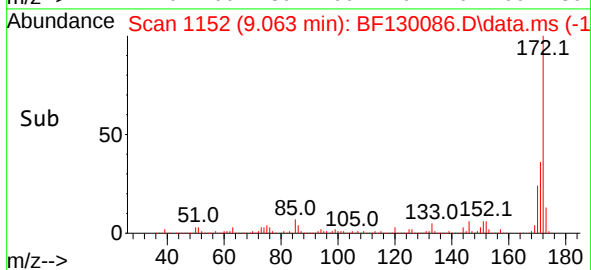
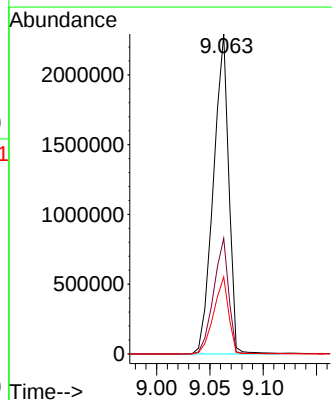
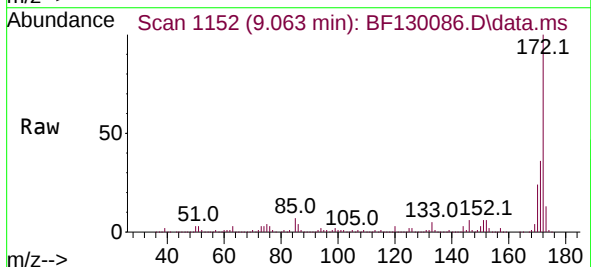
Tgt Ion:172 Resp: 2303307

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.0 19.1 28.7

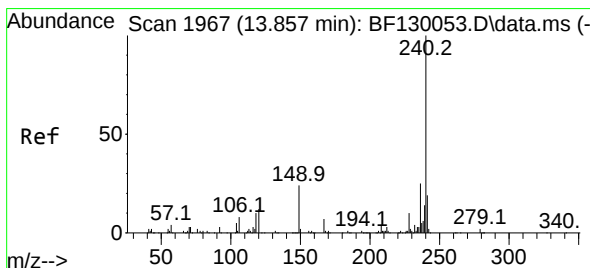
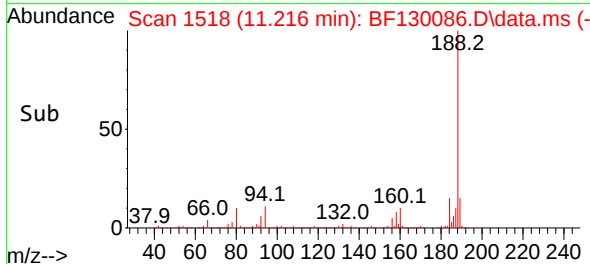
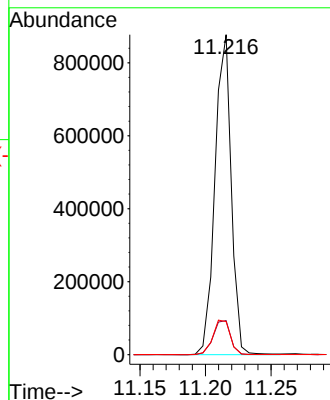
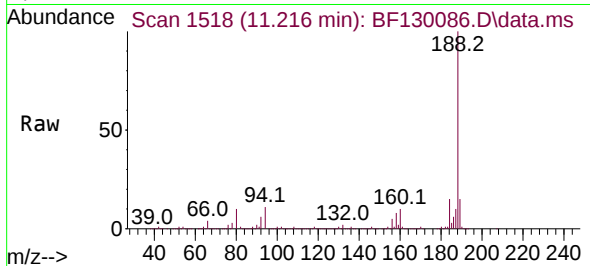




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

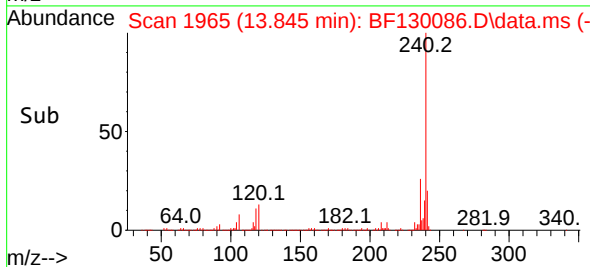
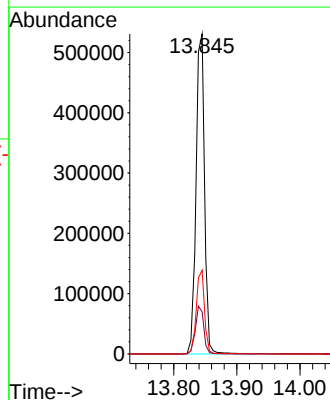
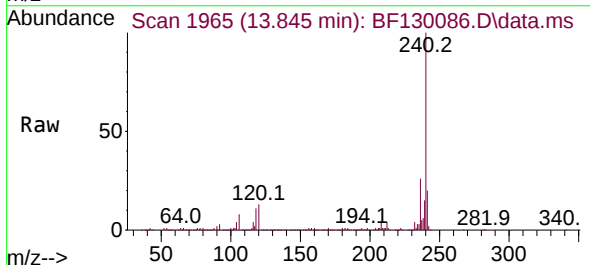
Instrument :
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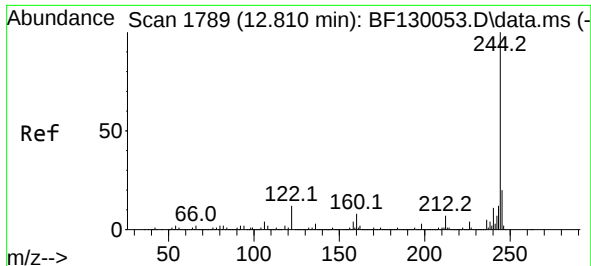
Tgt Ion:188 Resp: 756737
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130086.D
Acq: 01 Sep 2022 19:47

Tgt Ion:240 Resp: 499442
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 26.1 20.7 31.1

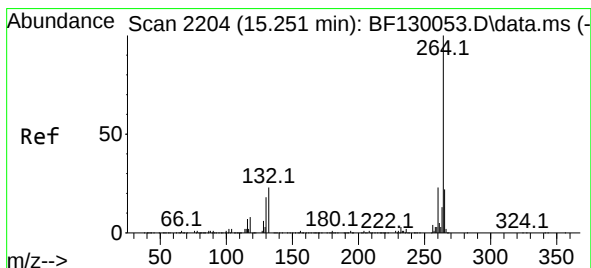
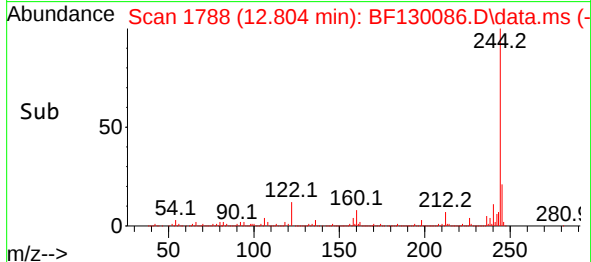
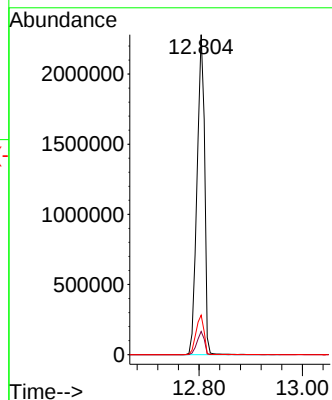
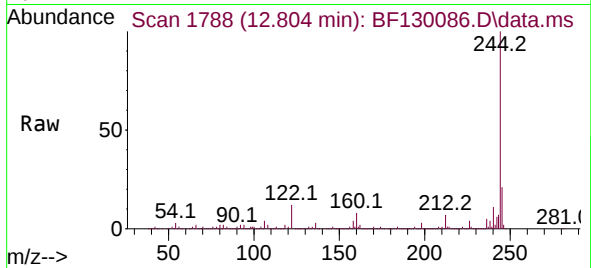




#79
 Terphenyl-d14
 Concen: 80.298 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 251563-1

Tgt Ion:244 Resp: 2312649
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130086.D
 Acq: 01 Sep 2022 19:47

Tgt Ion:264 Resp: 436818
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.3 16.7 25.1

