

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130525.D
 Acq On : 04 Oct 2022 18:47
 Operator : CG\JU
 Sample : N4917-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-5

Quant Time: Oct 05 02:20:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	77847	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	292523	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	138641	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	200649	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	152736	20.000	ng	-0.02
86) Perylene-d12	15.162	264	187143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	304732	67.896	ng	-0.01
7) Phenol-d6	6.275	99	228655	40.716	ng	-0.02
23) Nitrobenzene-d5	7.198	82	542251	94.703	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	186901	140.692	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	949432	99.722	ng	-0.02
79) Terphenyl-d14	12.727	244	790817	85.768	ng	-0.02

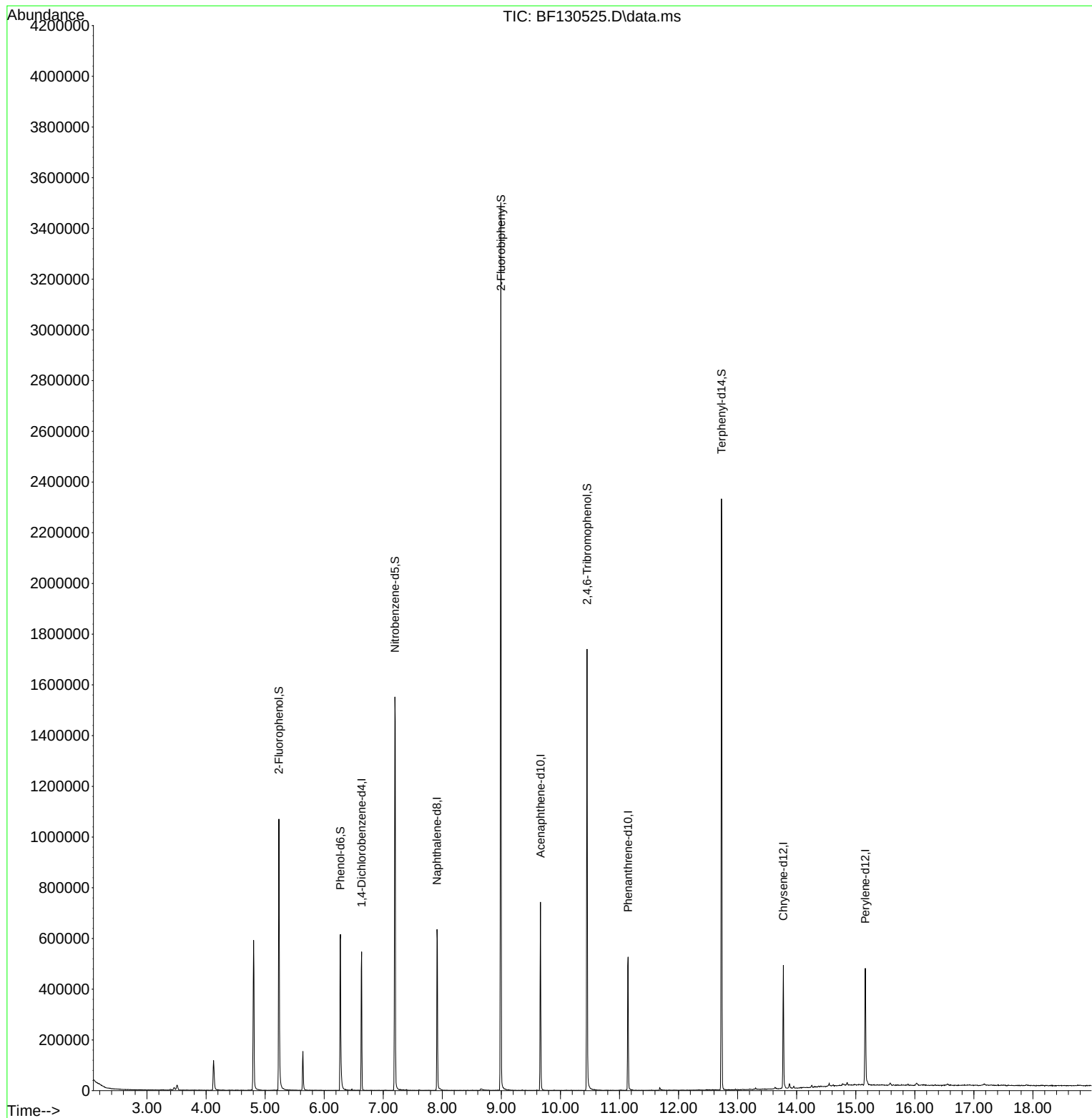
Target Compounds	Qvalue

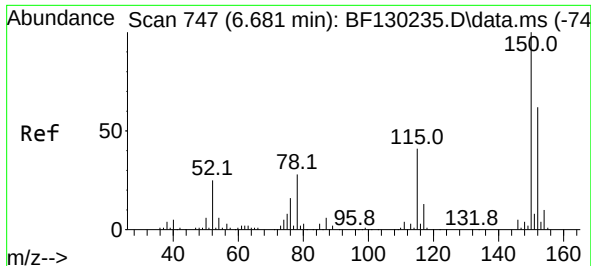
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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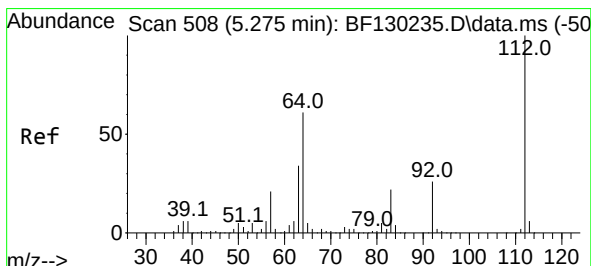
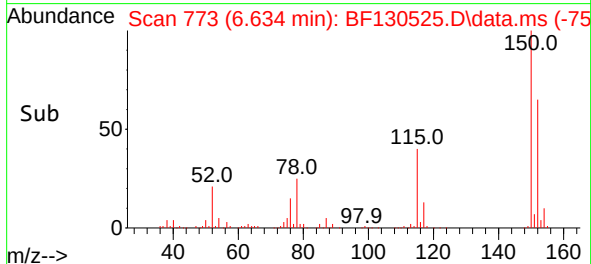
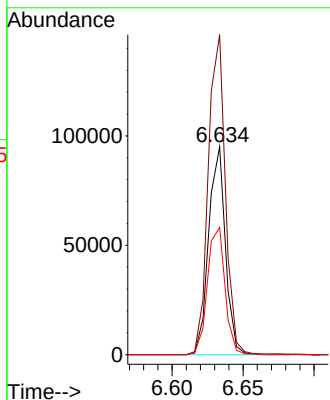
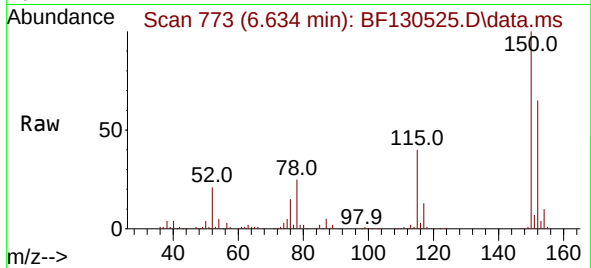




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

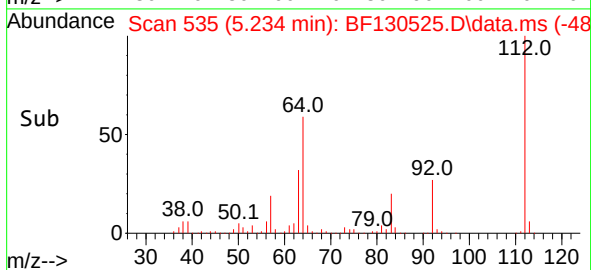
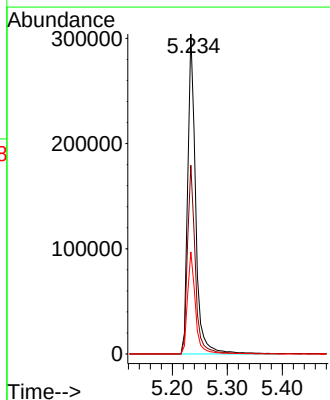
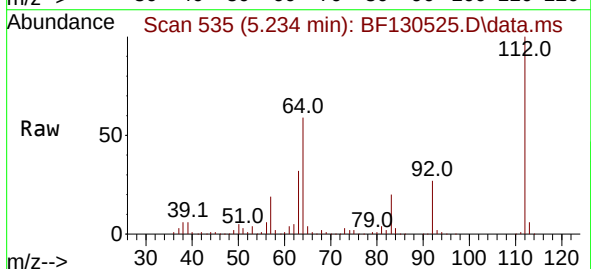
Instrument :
 BNA_F
 ClientSampleId :
 265393-5

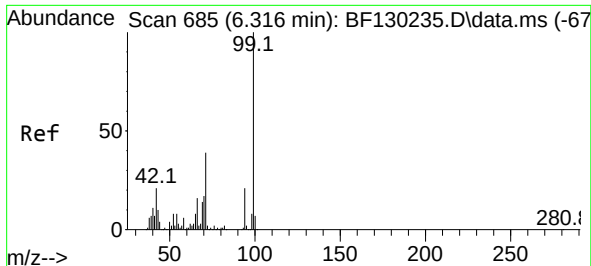
Tgt Ion:152 Resp: 77847
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.8 184.2
 115 61.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 67.896 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Tgt Ion:112 Resp: 304732
 Ion Ratio Lower Upper
 112 100
 64 59.0 51.4 77.0
 63 31.9 28.8 43.2

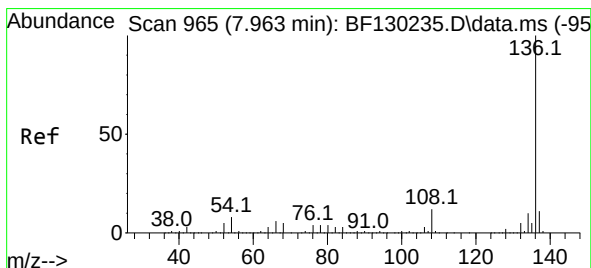
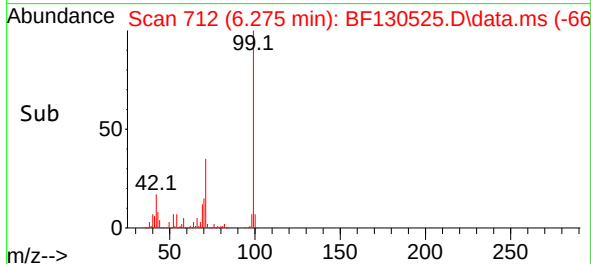
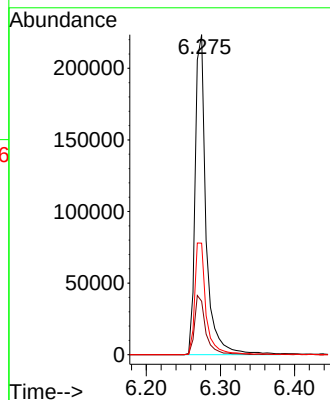
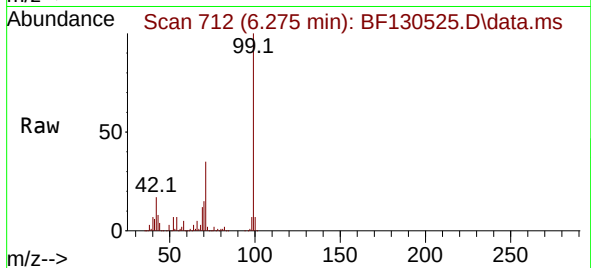




#7
Phenol-d6
Concen: 40.716 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

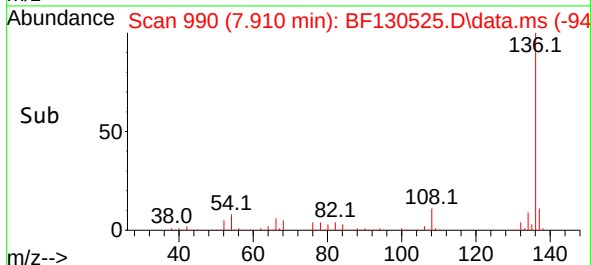
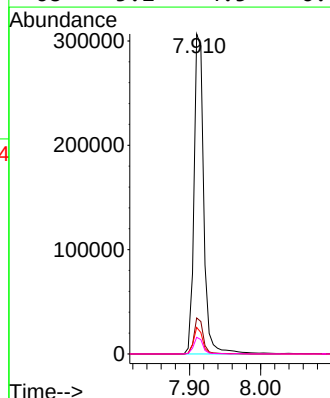
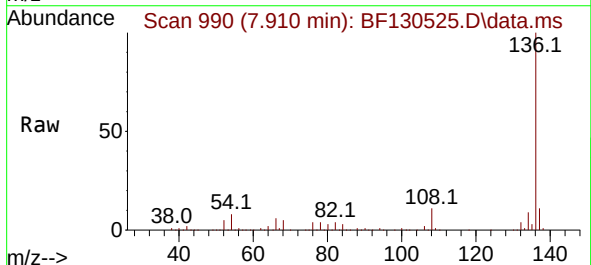
Instrument :
BNA_F
ClientSampleId :
265393-5

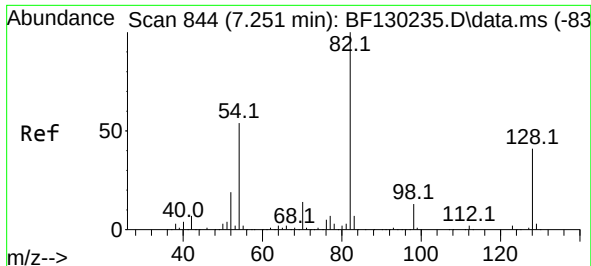
Tgt Ion: 99 Resp: 228655
Ion Ratio Lower Upper
99 100
42 16.7 17.0 25.6#
71 34.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

Tgt Ion: 136 Resp: 292523
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 7.1 10.7
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 94.703 ng

RT: 7.198 min Scan# 8

Delta R.T. -0.018 min

Lab File: BF130525.D

Acq: 04 Oct 2022 18:47

Instrument :

BNA_F

ClientSampleId :

265393-5

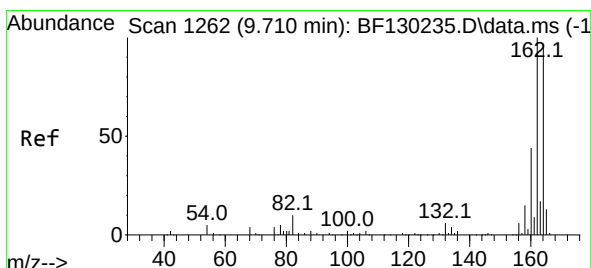
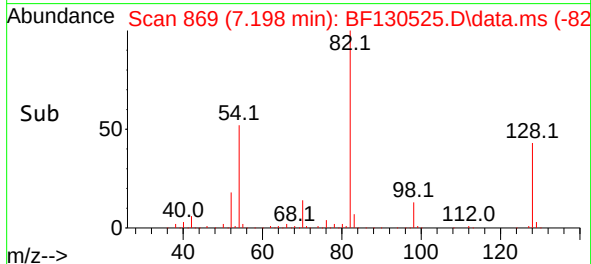
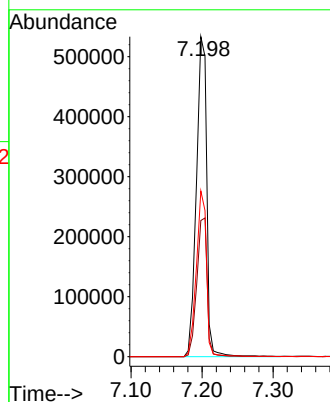
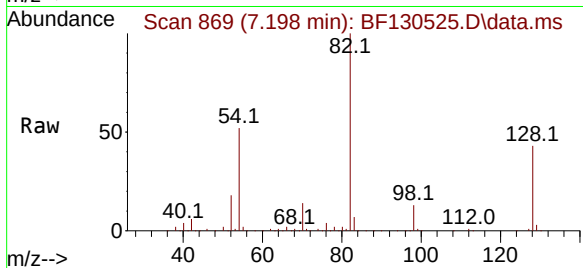
Tgt Ion: 82 Resp: 542251

Ion Ratio Lower Upper

82 100

128 42.5 32.6 49.0

54 51.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.018 min

Lab File: BF130525.D

Acq: 04 Oct 2022 18:47

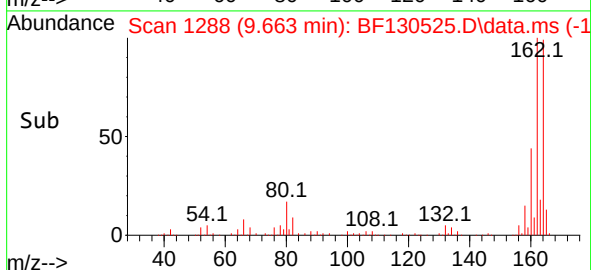
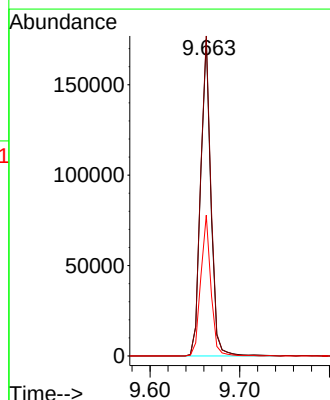
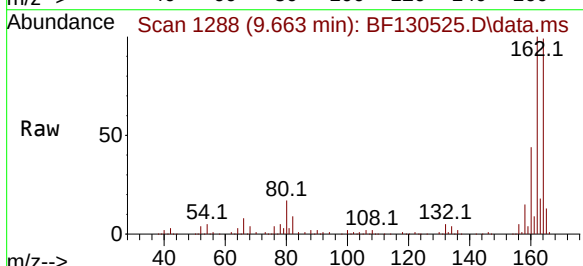
Tgt Ion:164 Resp: 138641

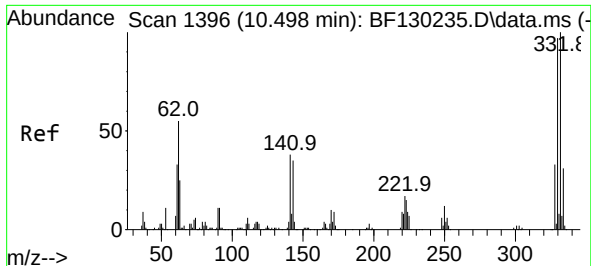
Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 140.692 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.018 min

Lab File: BF130525.D

Acq: 04 Oct 2022 18:47

Instrument :

BNA_F

ClientSampleId :

265393-5

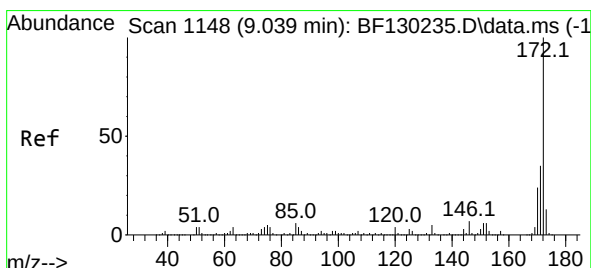
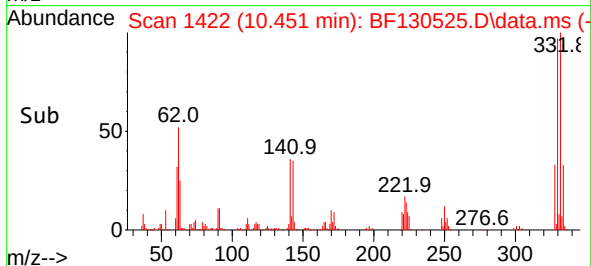
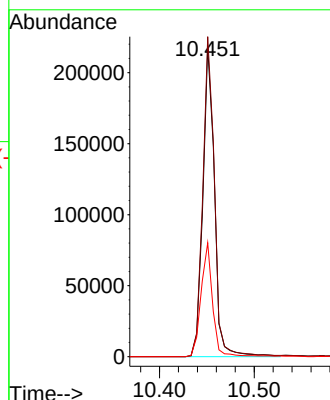
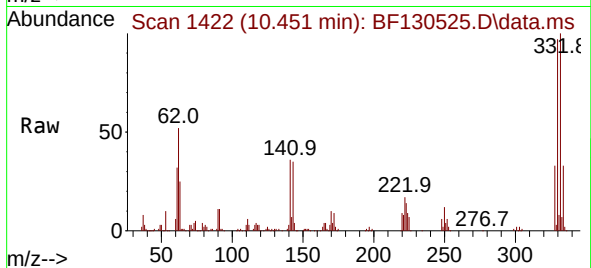
Tgt Ion:330 Resp: 186901

Ion Ratio Lower Upper

330 100

332 104.5 83.4 125.2

141 36.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 99.722 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130525.D

Acq: 04 Oct 2022 18:47

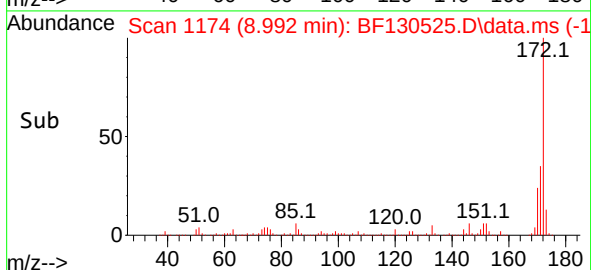
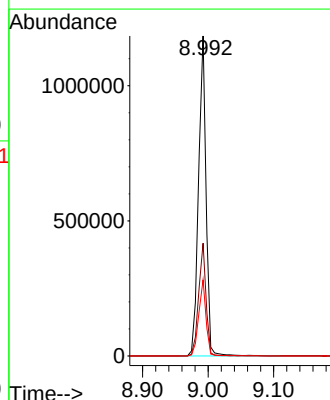
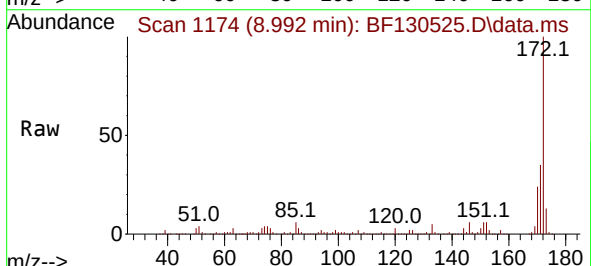
Tgt Ion:172 Resp: 949432

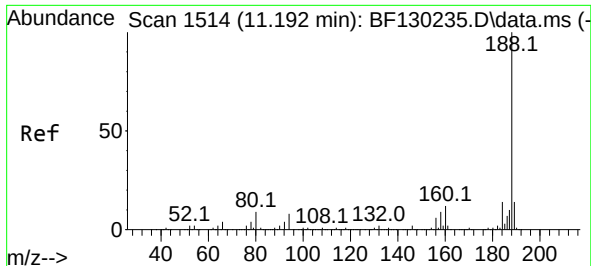
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.8 18.7 28.1

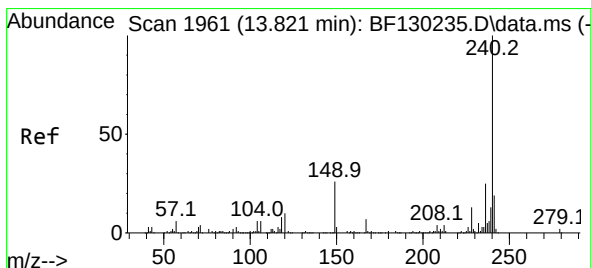
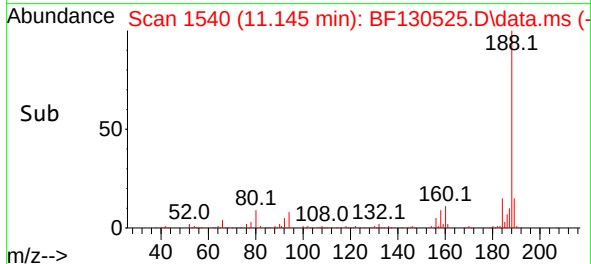
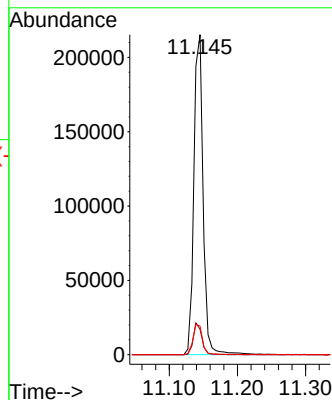
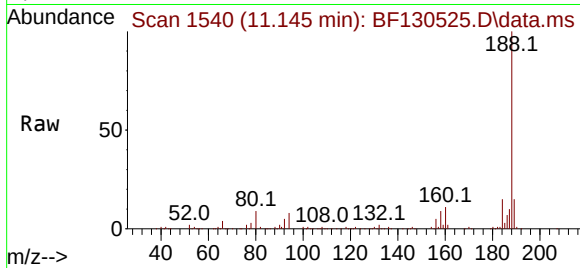




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

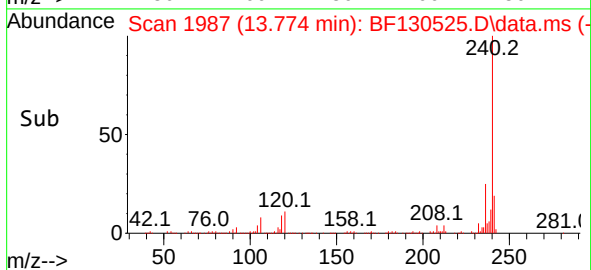
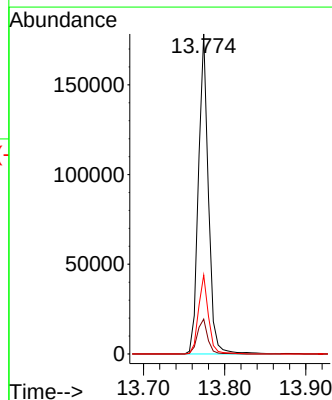
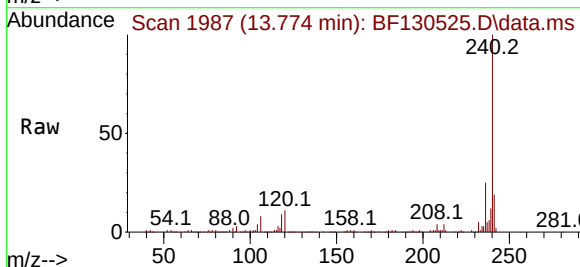
Instrument :
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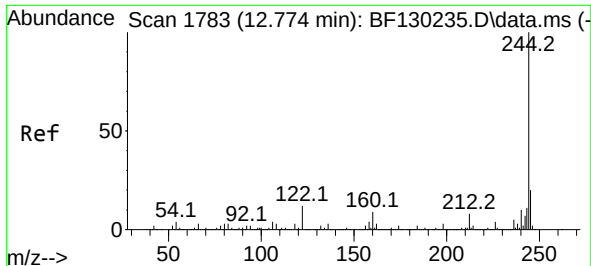
Tgt Ion:188 Resp: 200649
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130525.D
Acq: 04 Oct 2022 18:47

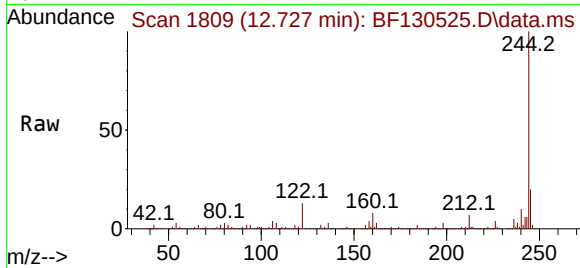
Tgt Ion:240 Resp: 152736
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 24.7 20.9 31.3



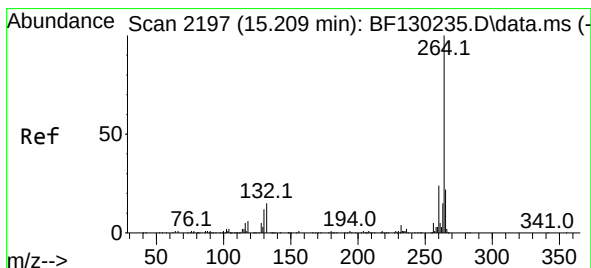
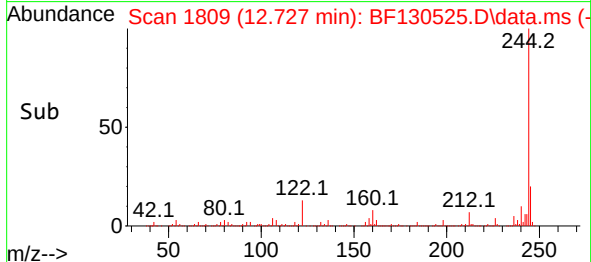
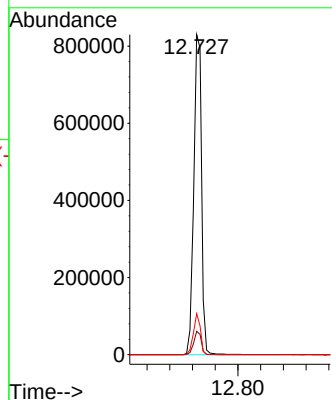


#79
 Terphenyl-d14
 Concen: 85.768 ng
 RT: 12.727 min Scan# 1809
 Delta R.T. -0.018 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 790817
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.8 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 2223
 Delta R.T. -0.012 min
 Lab File: BF130525.D
 Acq: 04 Oct 2022 18:47

Tgt Ion:264 Resp: 187143
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.2 17.0 25.4

