

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130520.D
 Acq On : 04 Oct 2022 16:12
 Operator : CG\JU
 Sample : N4932-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520555

Quant Time: Oct 05 02:19:11 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)

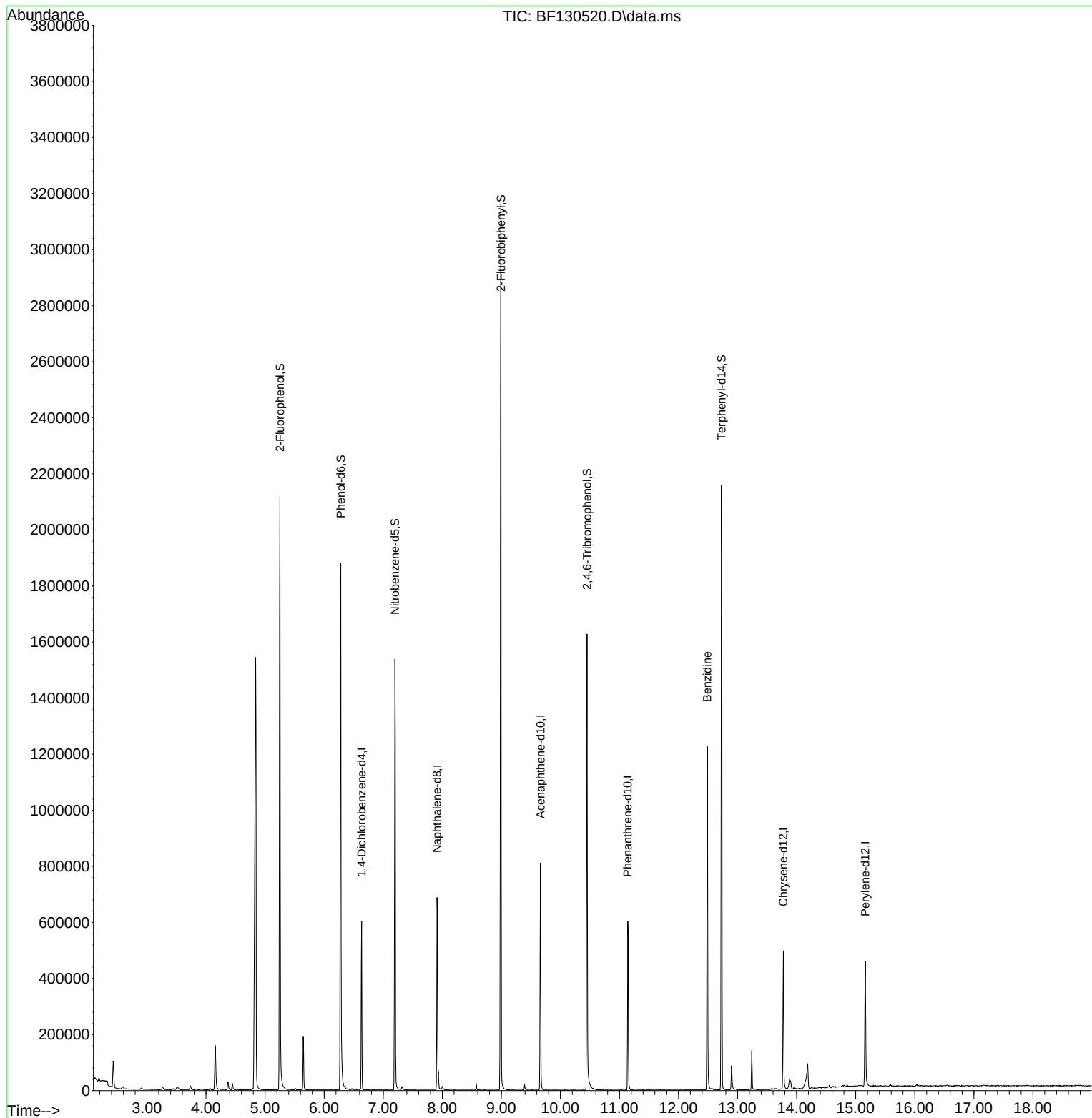
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	79696	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	316575	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	157435	20.000	ng	-0.02
64) Phenanthrene-d10	11.139	188	226896	20.000	ng	-0.02
76) Chrysene-d12	13.774	240	160314	20.000	ng	-0.02
86) Perylene-d12	15.163	264	188300	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	578188	125.834	ng	0.00
7) Phenol-d6	6.281	99	659400	114.694	ng	-0.01
23) Nitrobenzene-d5	7.198	82	512774	82.751	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	184830	122.523	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	911615	84.320	ng	-0.02
79) Terphenyl-d14	12.727	244	757131	78.233	ng	-0.02
Target Compounds						
77) Benzidine	12.486	184	444900	95.600	ng	Qvalue 99

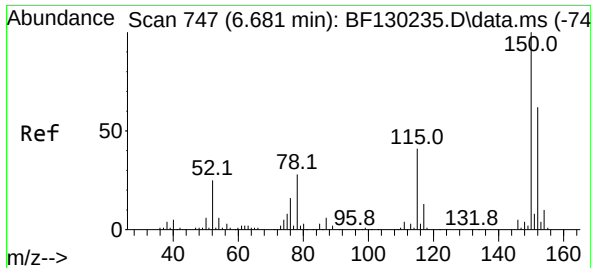
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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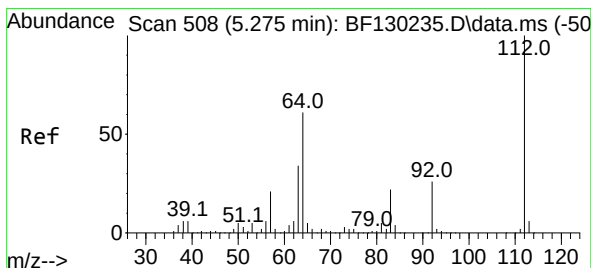
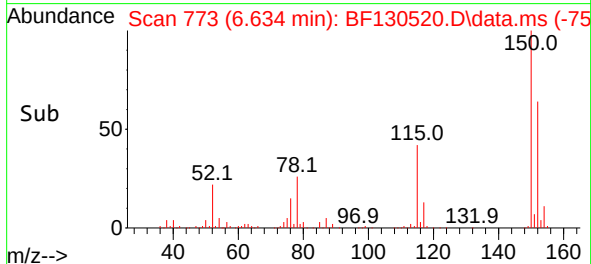
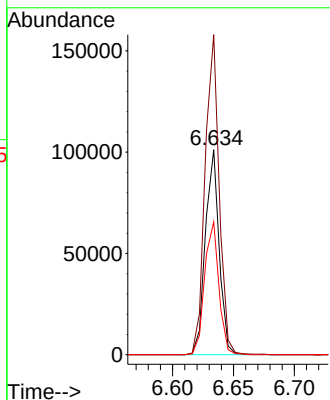
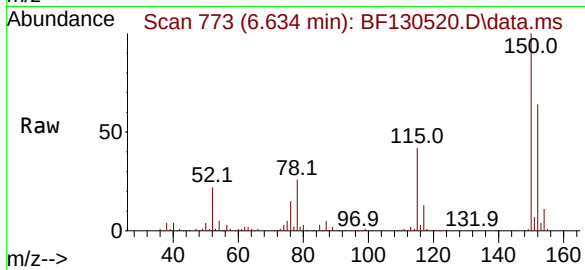




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

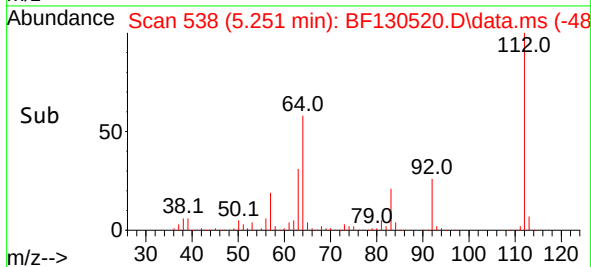
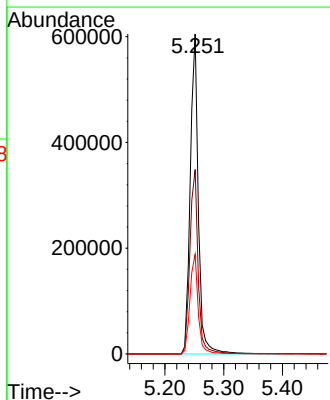
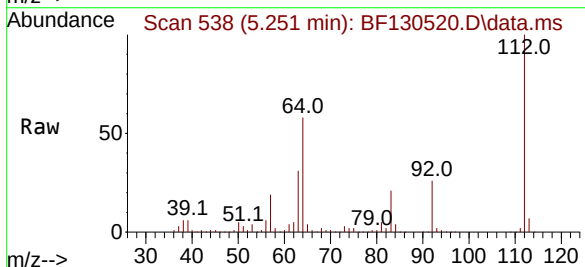
Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520555

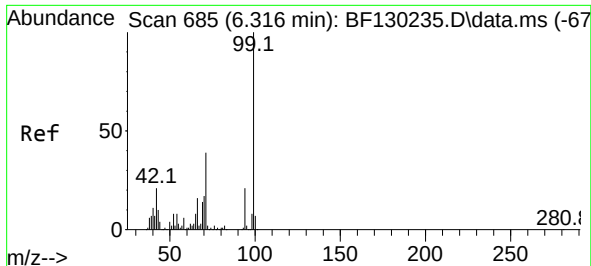
Tgt Ion:152 Resp: 79696
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.8 184.2
 115 64.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 125.834 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

Tgt Ion:112 Resp: 578188
 Ion Ratio Lower Upper
 112 100
 64 57.7 51.4 77.0
 63 31.2 28.8 43.2

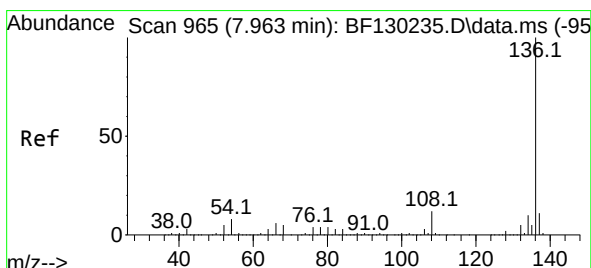
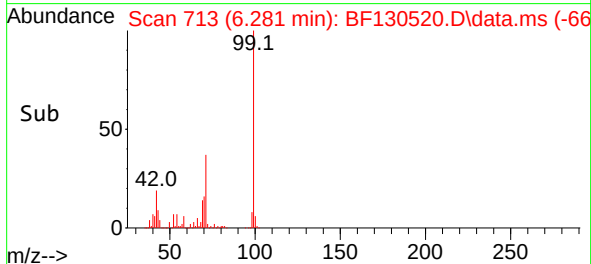
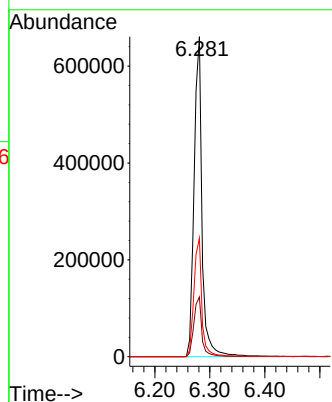
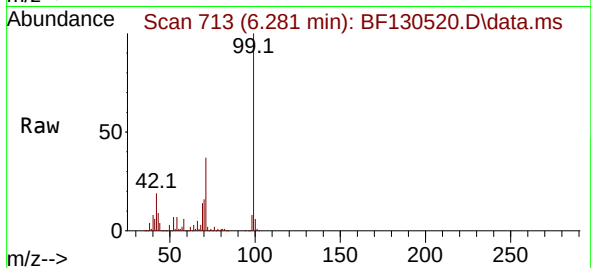




#7
Phenol-d6
Concen: 114.694 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

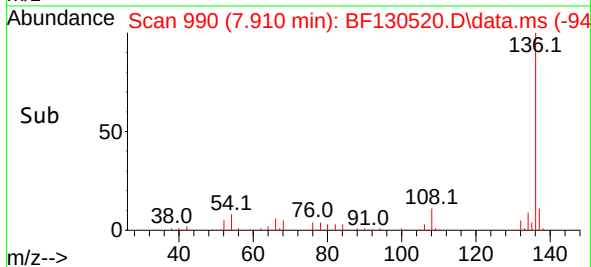
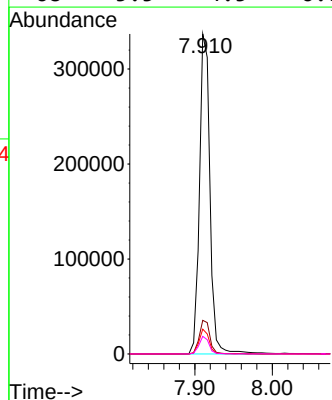
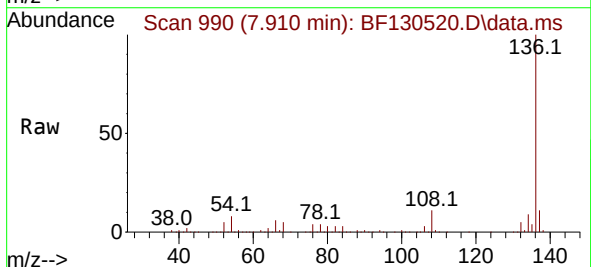
Instrument :
BNA_F
ClientSampleId :
RBR-2520555

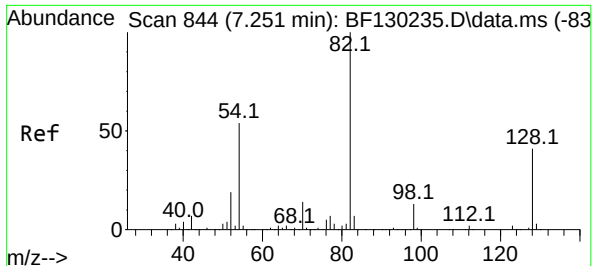
Tgt Ion: 99 Resp: 659400
Ion Ratio Lower Upper
99 100
42 18.6 17.0 25.6
71 37.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Tgt Ion: 136 Resp: 316575
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.7 7.1 10.7
68 5.5 4.5 6.7

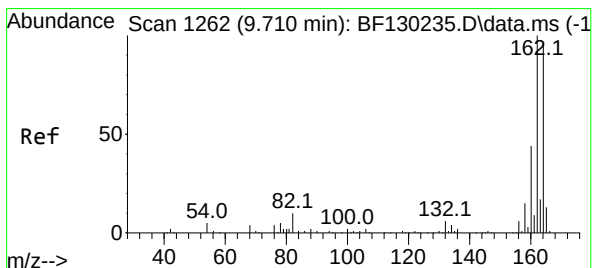
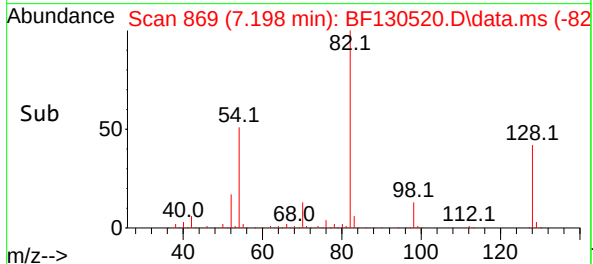
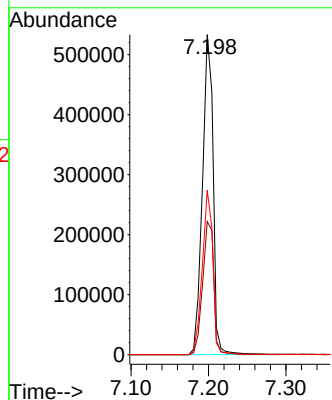
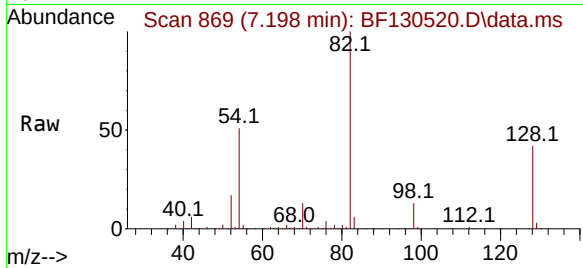




#23
 Nitrobenzene-d5
 Concen: 82.751 ng
 RT: 7.198 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

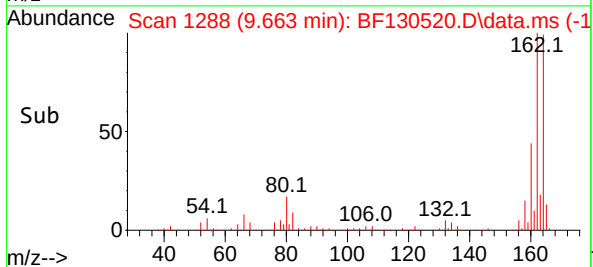
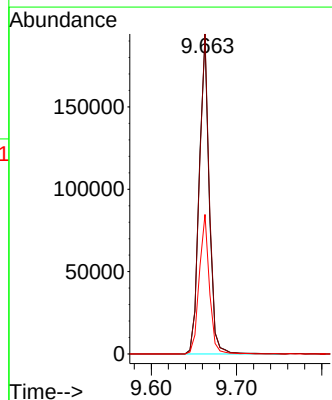
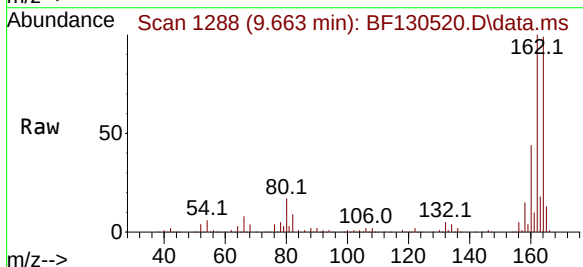
Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520555

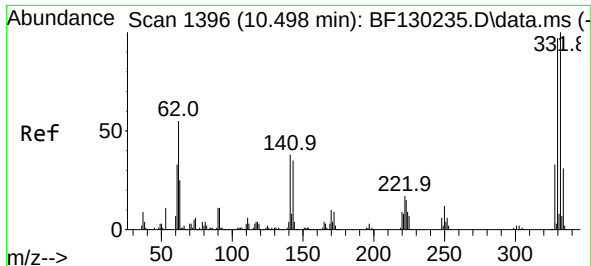
Tgt Ion: 82 Resp: 512774
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.6 49.0
 54 51.4 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.663 min Scan# 1288
 Delta R.T. -0.018 min
 Lab File: BF130520.D
 Acq: 04 Oct 2022 16:12

Tgt Ion:164 Resp: 157435
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.0
 160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 122.523 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.018 min

Lab File: BF130520.D

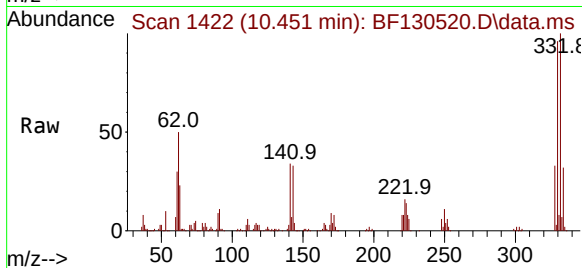
Acq: 04 Oct 2022 16:12

Instrument :

BNA_F

ClientSampleId :

RBR-2520555



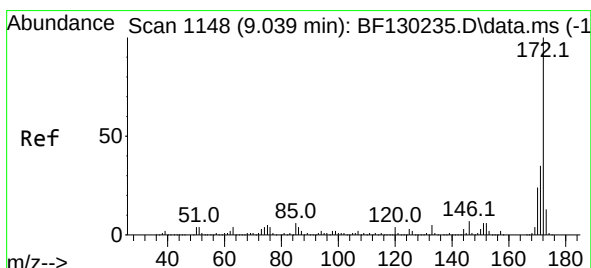
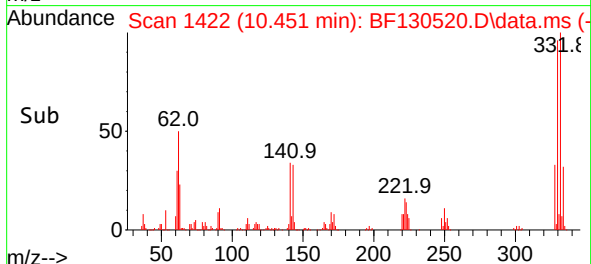
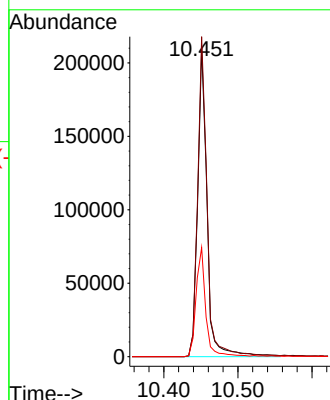
Tgt Ion:330 Resp: 184830

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 36.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 84.320 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130520.D

Acq: 04 Oct 2022 16:12

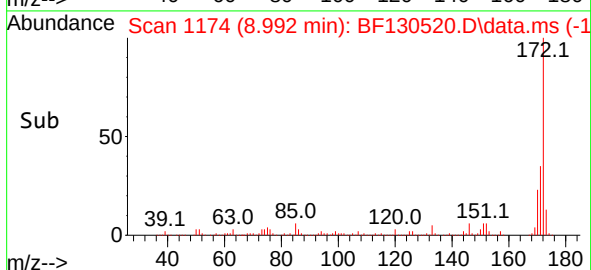
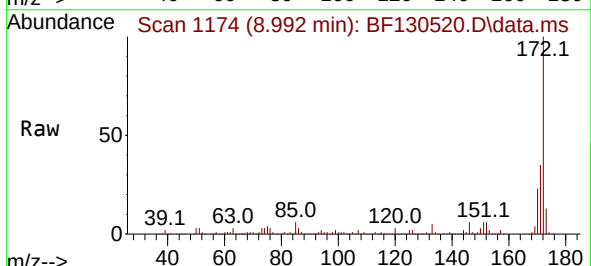
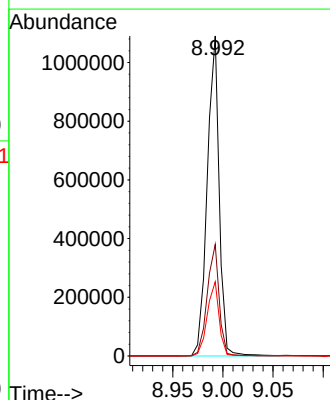
Tgt Ion:172 Resp: 911615

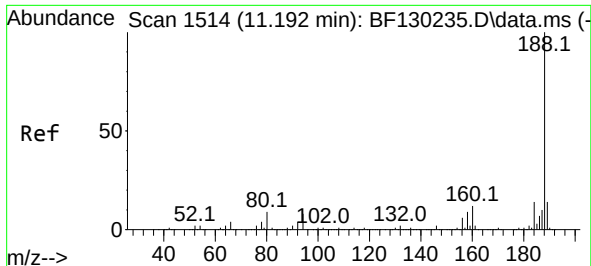
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 18.7 28.1

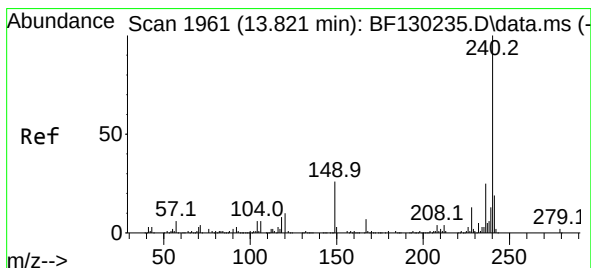
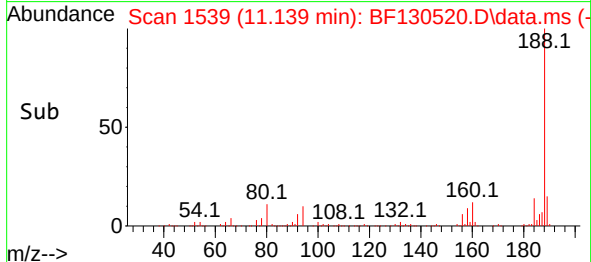
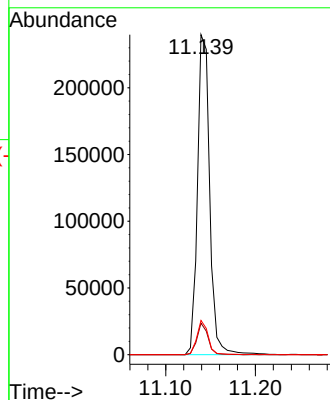
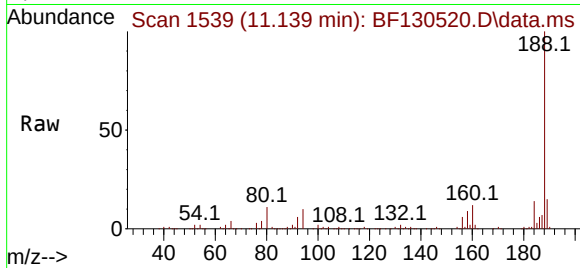




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.139 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

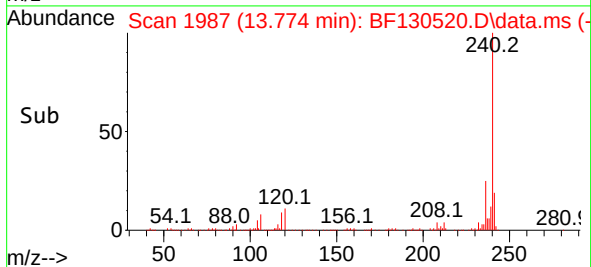
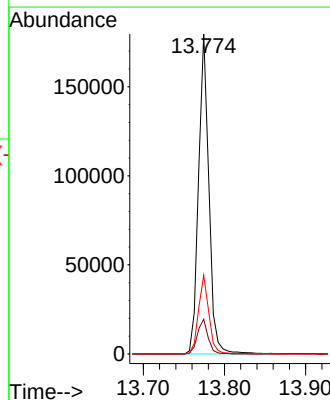
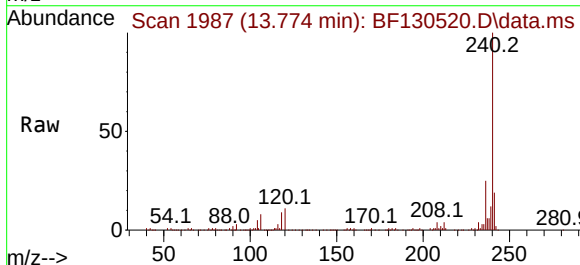
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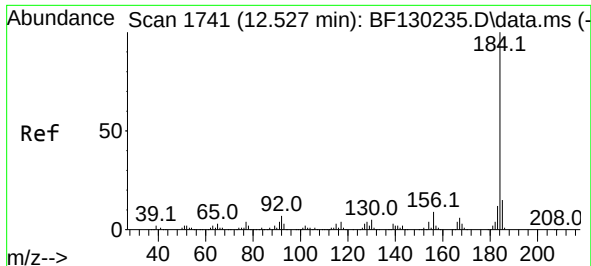
Tgt Ion:188 Resp: 226896
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Tgt Ion:240 Resp: 160314
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 24.6 20.9 31.3

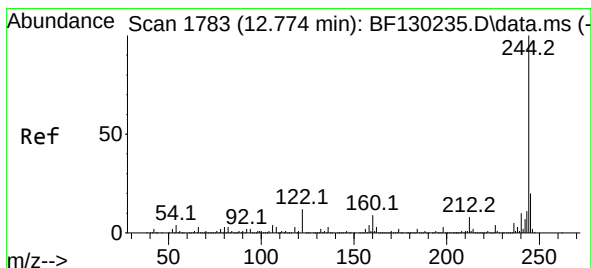
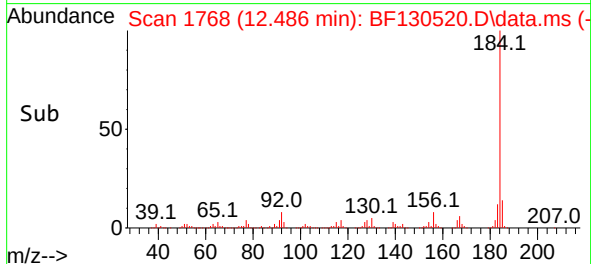
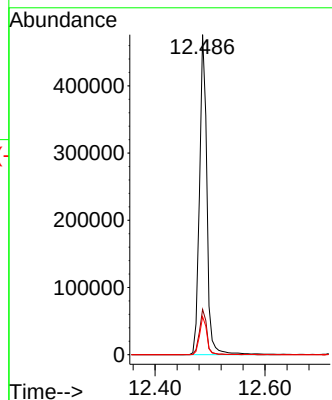
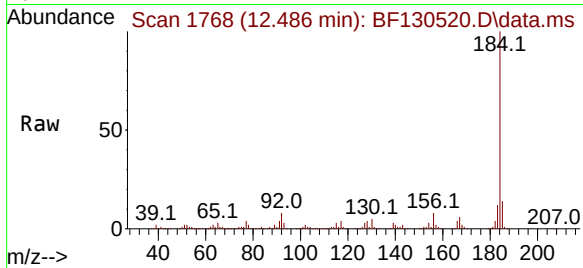




#77
Benzidine
Concen: 95.600 ng
RT: 12.486 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

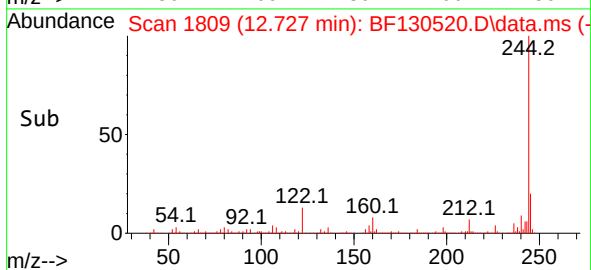
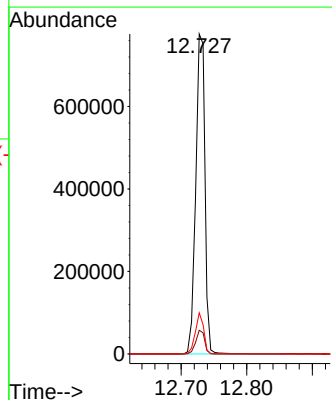
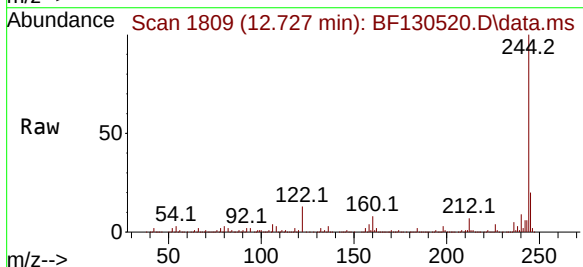
Instrument :
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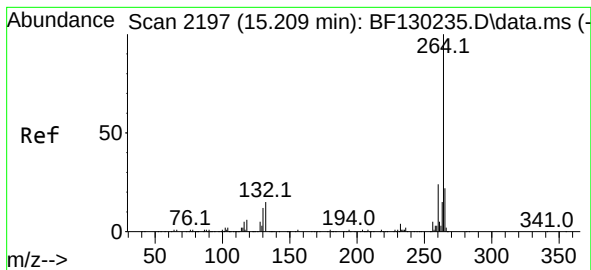
Tgt Ion:184 Resp: 444900
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.9 9.1 13.7



#79
Terphenyl-d14
Concen: 78.233 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

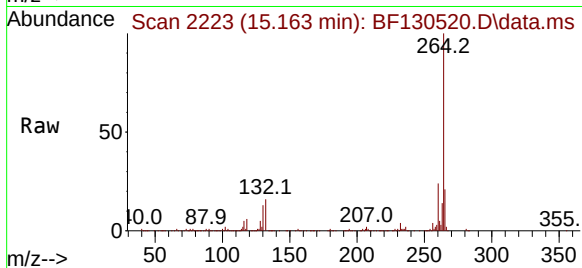
Tgt Ion:244 Resp: 757131
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 12.9 8.5 12.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.163 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130520.D
Acq: 04 Oct 2022 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-2520555



Tgt Ion:264 Resp: 188300

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.2	17.0	25.4

