

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132922.D
 Acq On : 19 Apr 2023 20:40
 Operator : CG\JU
 Sample : 02366-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230330-COMP-8

Quant Time: Apr 20 01:50:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	250662	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1019159	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	548032	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	1080428	20.000	ng	0.00
76) Chrysene-d12	13.916	240	749821	20.000	ng	-0.01
86) Perylene-d12	15.345	264	606052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2342629	146.137	ng	0.01
7) Phenol-d6	6.393	99	3069935	150.080	ng	0.00
23) Nitrobenzene-d5	7.328	82	1830694	93.631	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	972736	176.964	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2985913	83.700	ng	0.00
79) Terphenyl-d14	12.875	244	4154954	94.538	ng	0.00

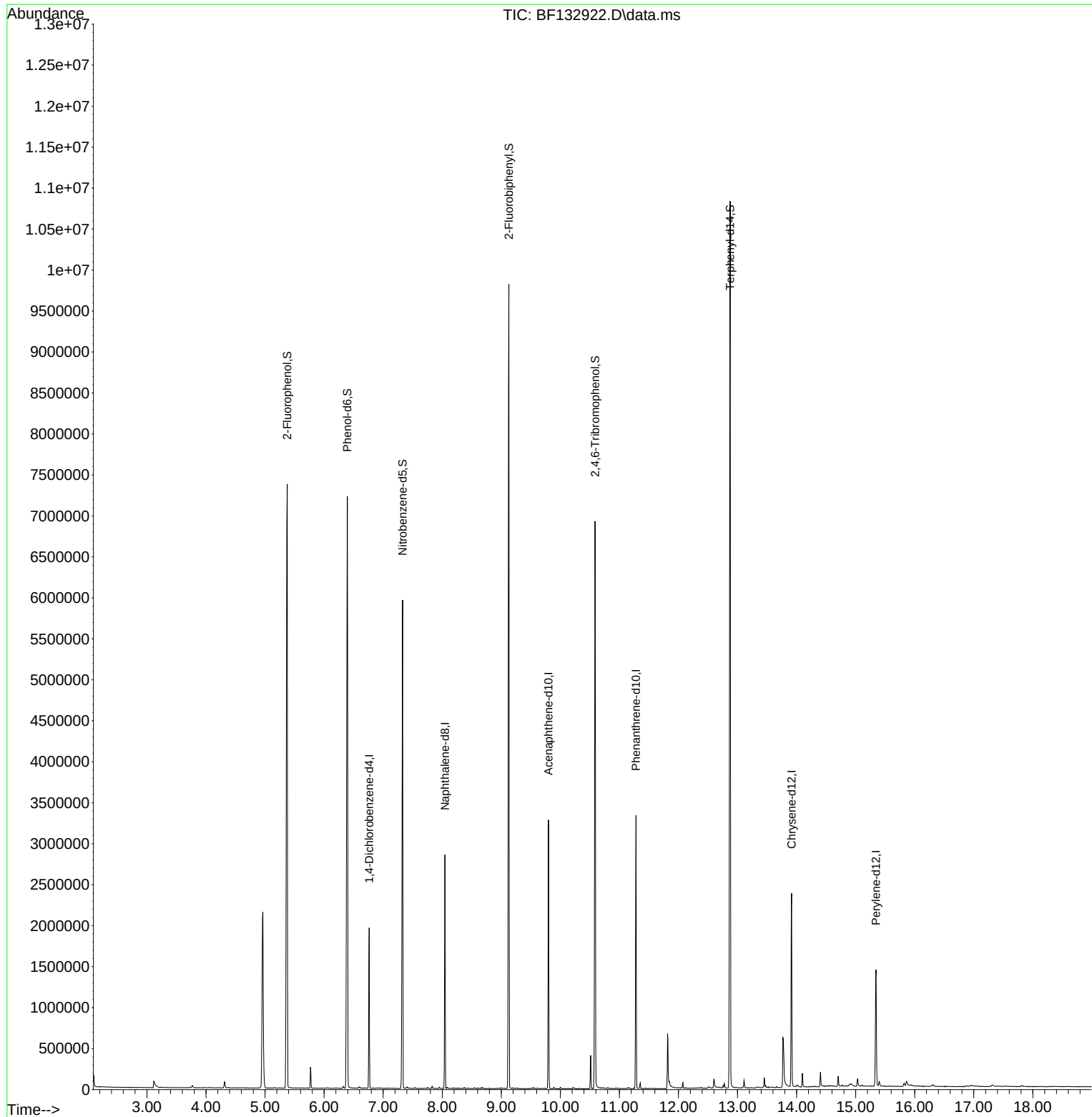
Target Compounds	Qvalue

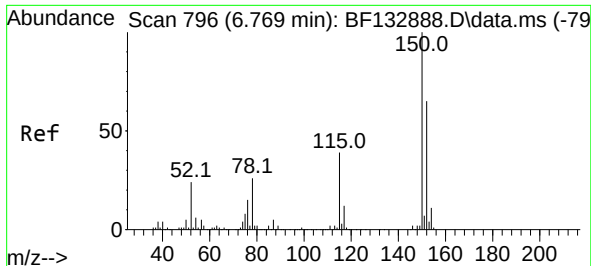
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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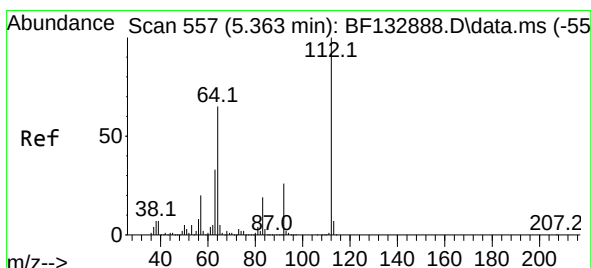
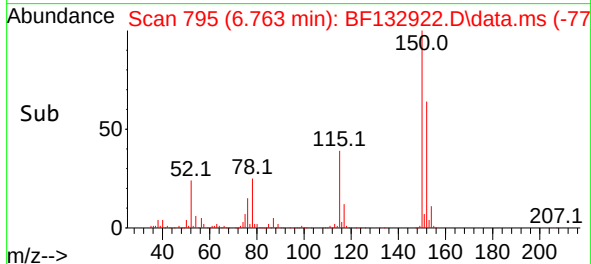
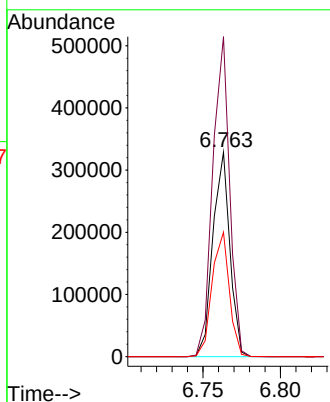
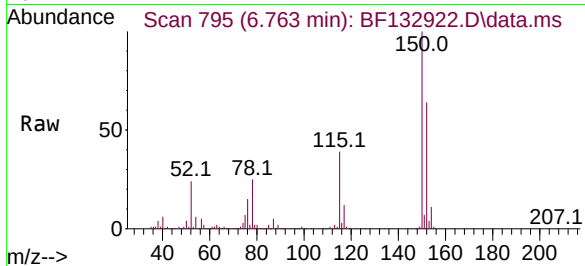




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

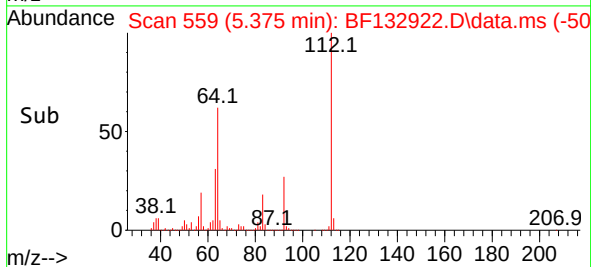
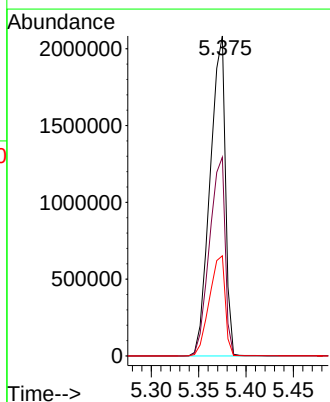
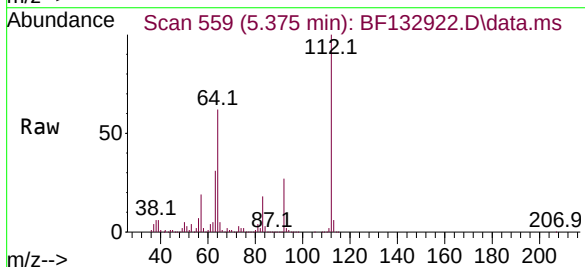
Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8

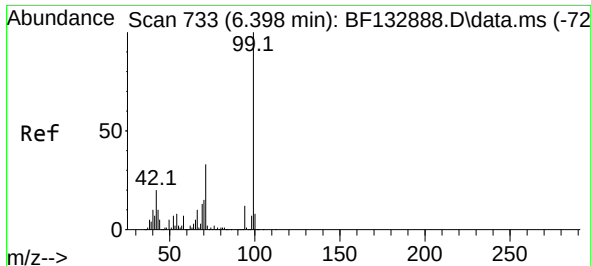
Tgt Ion:152 Resp: 250662
Ion Ratio Lower Upper
152 100
150 156.5 122.8 184.2
115 60.9 47.3 70.9



#5
2-Fluorophenol
Concen: 146.137 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

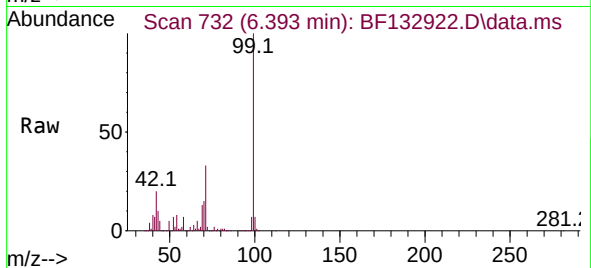
Tgt Ion:112 Resp: 2342629
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.8
63 31.3 26.3 39.5





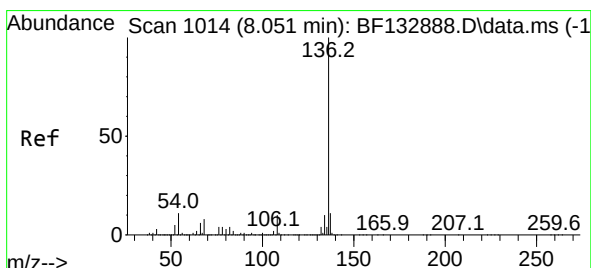
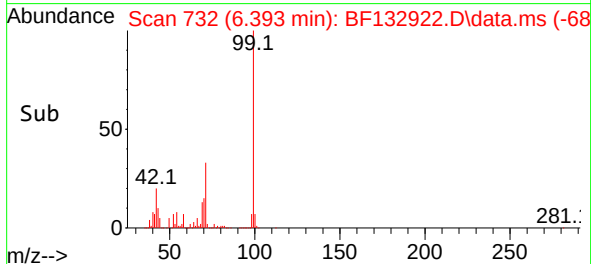
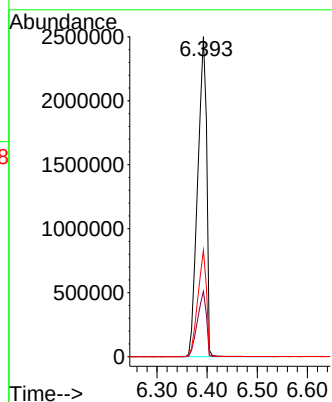
#7
Phenol-d6
Concen: 150.080 ng
RT: 6.393 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Instrument :
BNA_F
ClientSampleId :
20230330-COMP-8



Tgt Ion: 99 Resp: 3069935

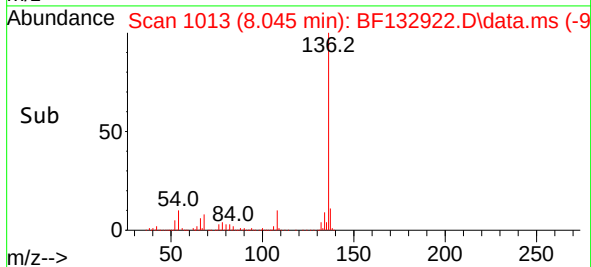
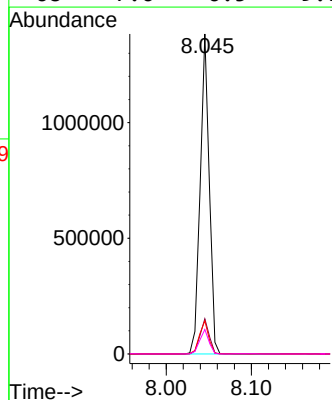
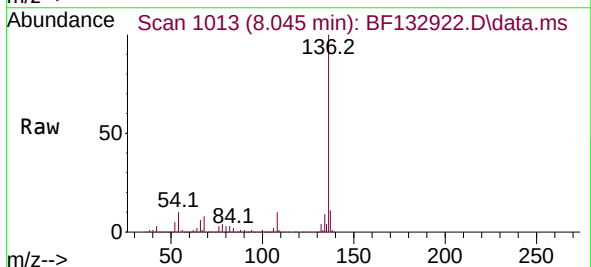
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.1	24.1
71	33.2	26.1	39.1

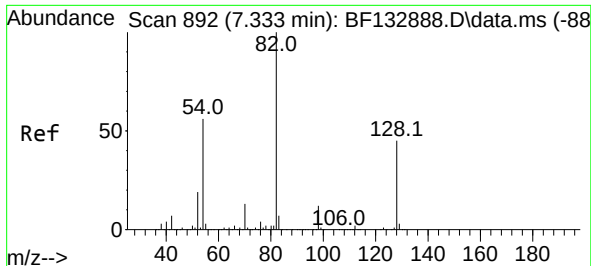


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion: 136 Resp: 1019159

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.3	8.9	13.3
68	7.6	6.5	9.7





#23

Nitrobenzene-d5

Concen: 93.631 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132922.D

Acq: 19 Apr 2023 20:40

Instrument :

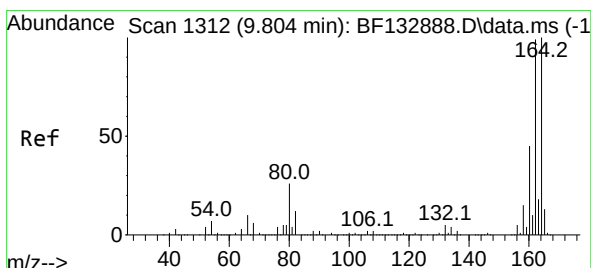
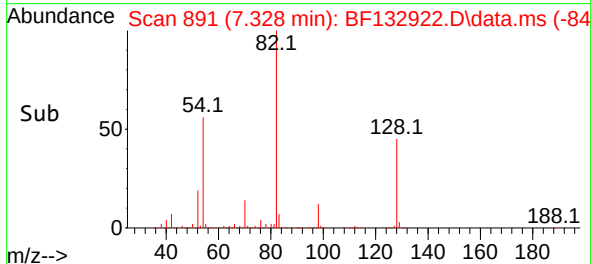
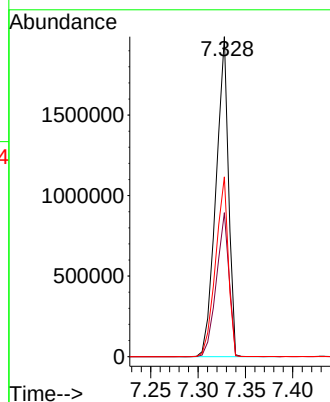
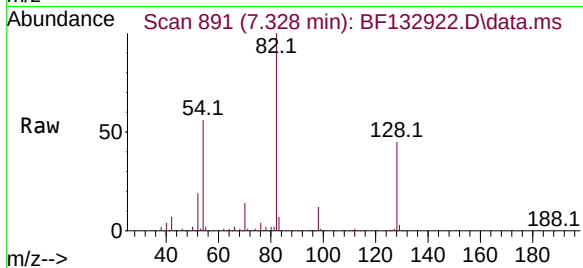
BNA_F

ClientSampleId :

20230330-COMP-8

Tgt Ion: 82 Resp: 1830694

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	56.2	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

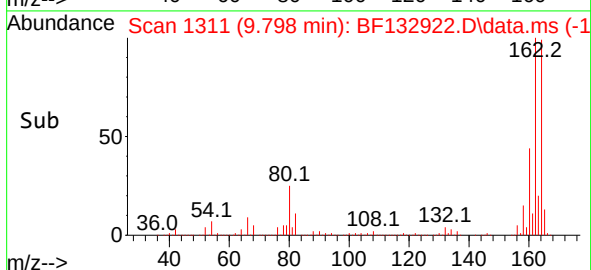
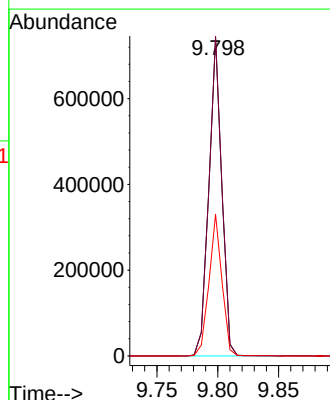
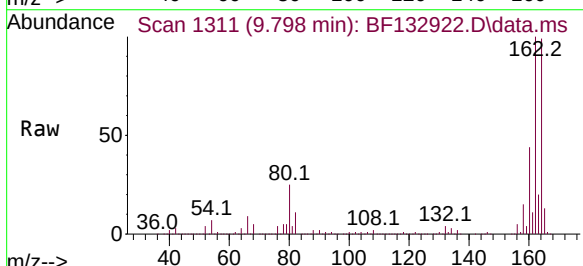
Delta R.T. -0.006 min

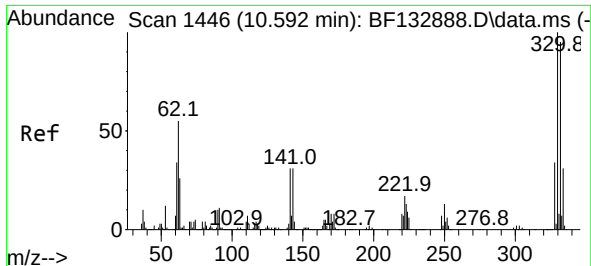
Lab File: BF132922.D

Acq: 19 Apr 2023 20:40

Tgt Ion: 164 Resp: 548032

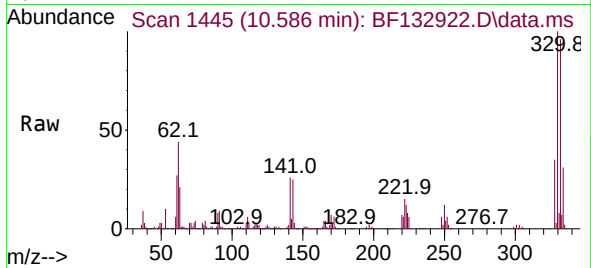
Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.1	118.7
160	44.6	35.6	53.4



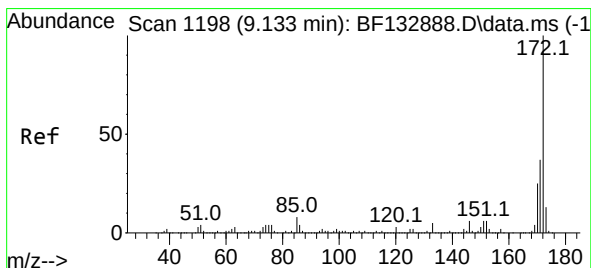
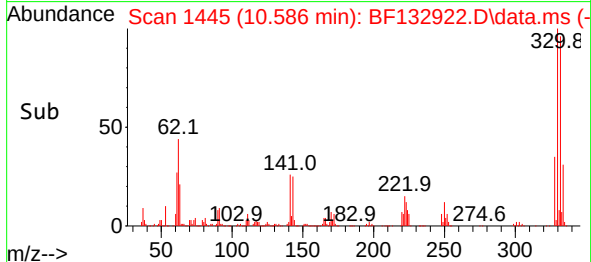
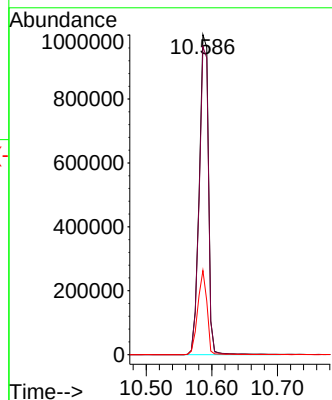


#42
 2,4,6-Tribromophenol
 Concen: 176.964 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132922.D
 Acq: 19 Apr 2023 20:40

Instrument :
 BNA_F
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 20230330-COMP-8

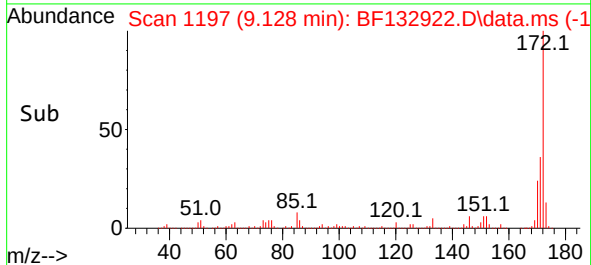
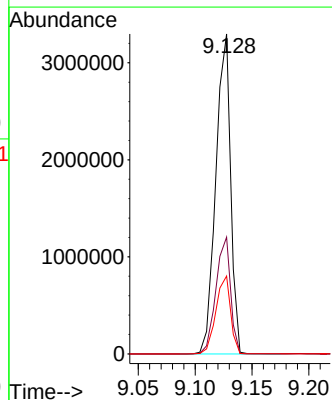
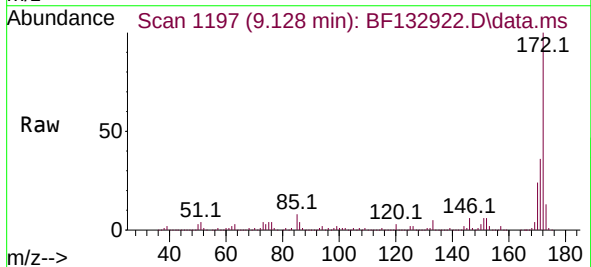


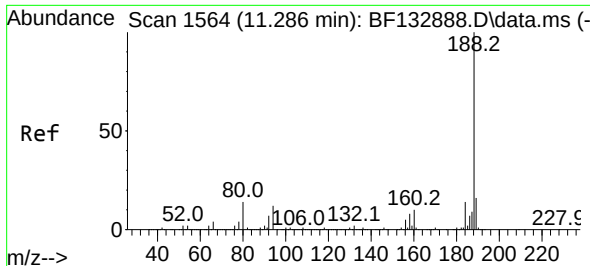
Tgt Ion:330 Resp: 972736
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.3 114.5
 141 26.1 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 83.700 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF132922.D
 Acq: 19 Apr 2023 20:40

Tgt Ion:172 Resp: 2985913
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.1 30.1

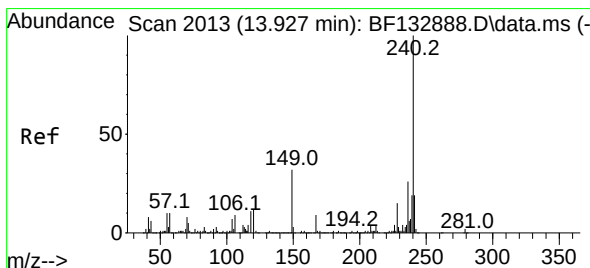
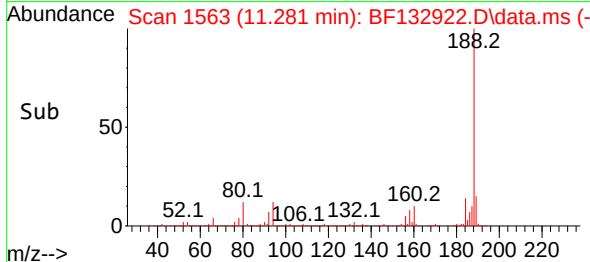
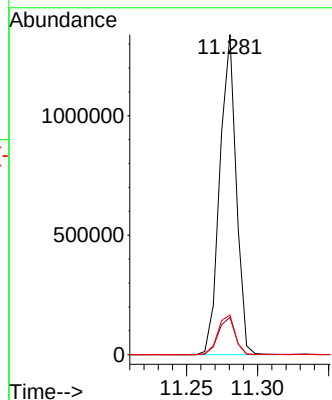
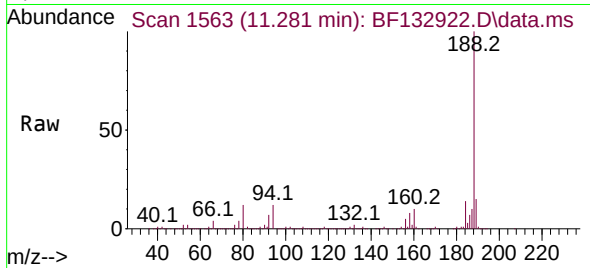




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

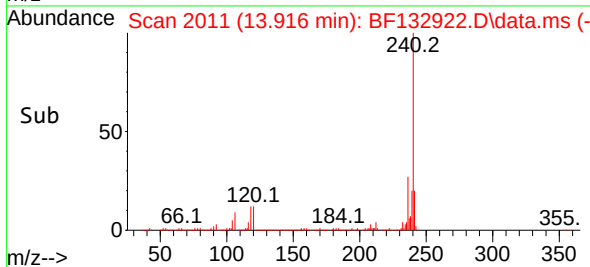
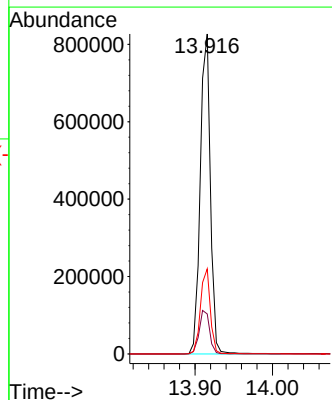
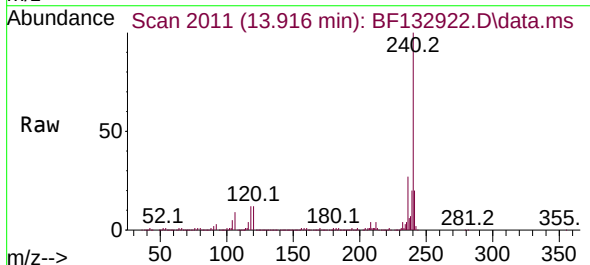
Instrument :
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ClientSampleId :
20230330-COMP-8

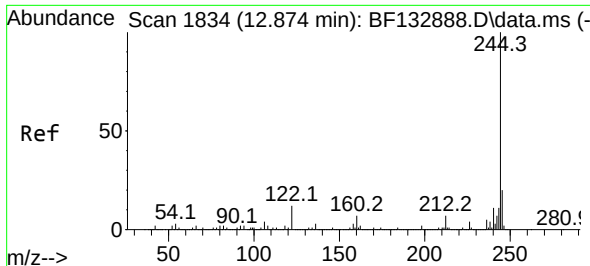
Tgt Ion:188 Resp: 1080428
Ion Ratio Lower Upper
188 100
94 11.6 9.9 14.9
80 12.4 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132922.D
Acq: 19 Apr 2023 20:40

Tgt Ion:240 Resp: 749821
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 26.6 20.8 31.2





#79

Terphenyl-d14

Concen: 94.538 ng

RT: 12.875 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132922.D

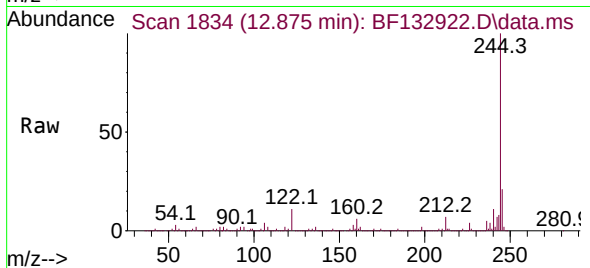
Acq: 19 Apr 2023 20:40

Instrument :

BNA_F

ClientSampleId :

20230330-COMP-8



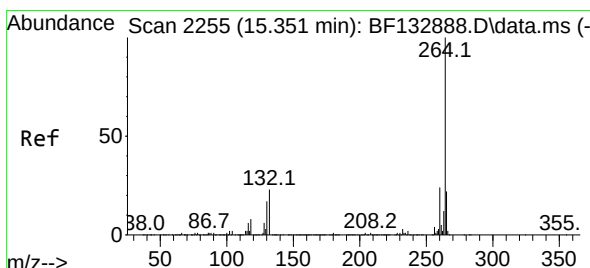
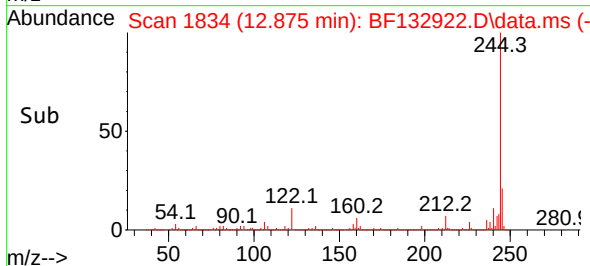
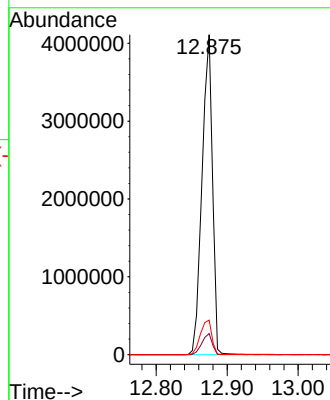
Tgt Ion:244 Resp: 4154954

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132922.D

Acq: 19 Apr 2023 20:40

Tgt Ion:264 Resp: 606052

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 22.2 17.7 26.5

