

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132776.D
 Acq On : 14 Mar 2023 14:01
 Operator : CG\JU
 Sample : PB151381TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151381TB

Quant Time: Mar 14 15:36:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	223180	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	851238	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	476476	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	891534	20.000	ng	0.00
76) Chrysene-d12	14.157	240	598065	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	466502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1613897	117.363	ng	0.02
7) Phenol-d6	6.598	99	2029568	113.089	ng	0.00
23) Nitrobenzene-d5	7.534	82	1302840	72.615	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	592742	115.191	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2216643	70.837	ng	0.00
79) Terphenyl-d14	13.098	244	2784135	78.708	ng	0.00

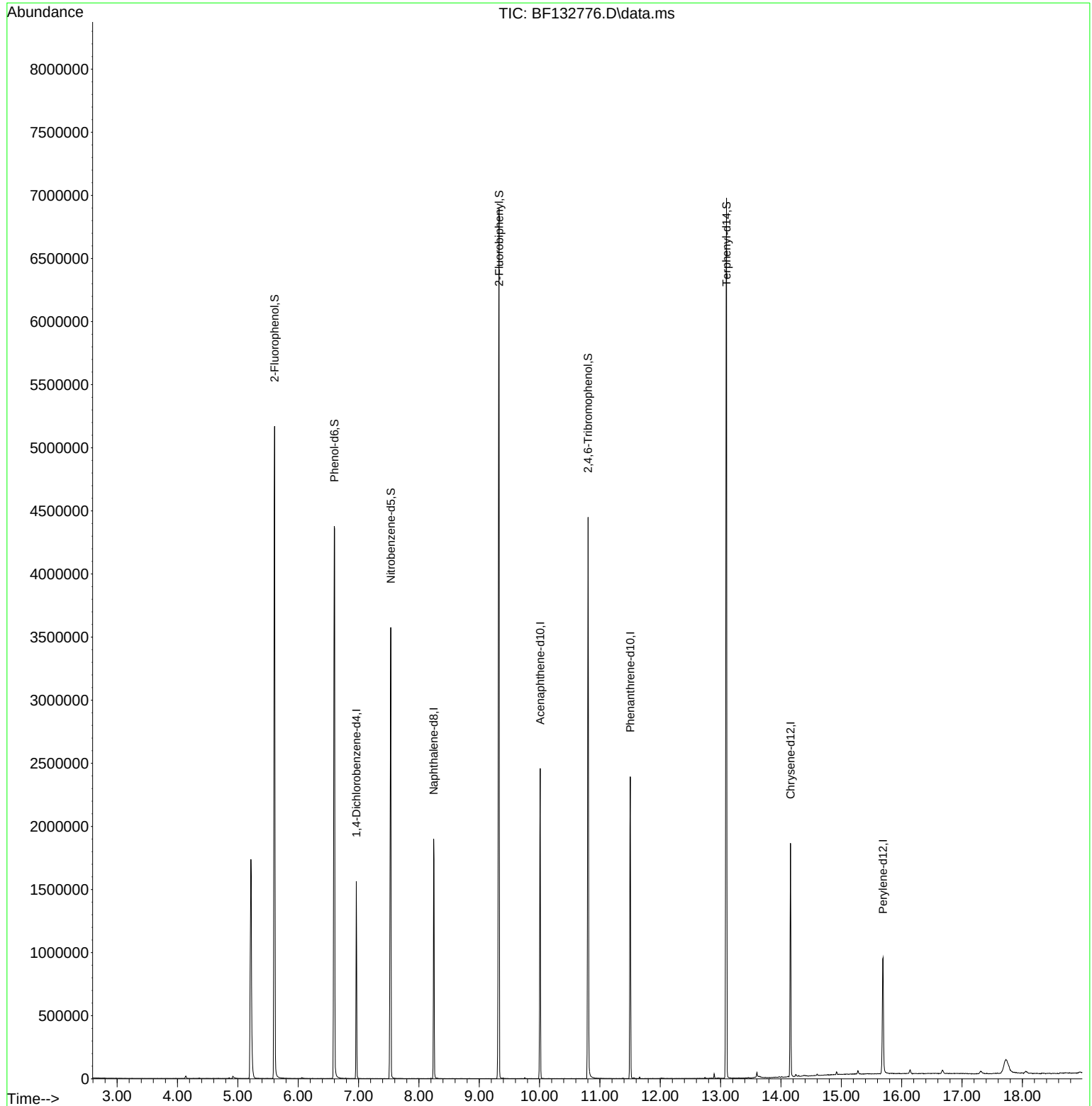
Target Compounds Qvalue

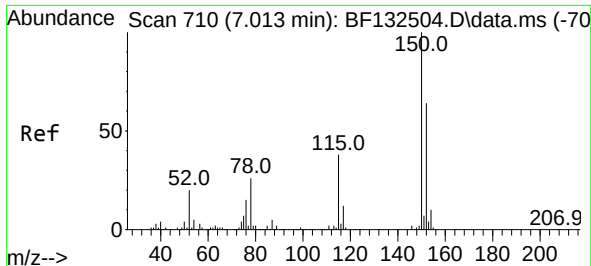
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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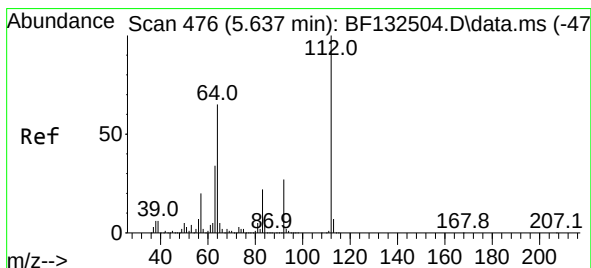
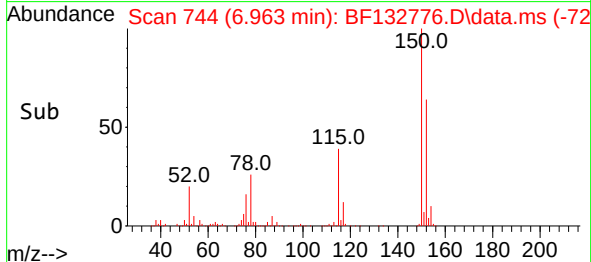
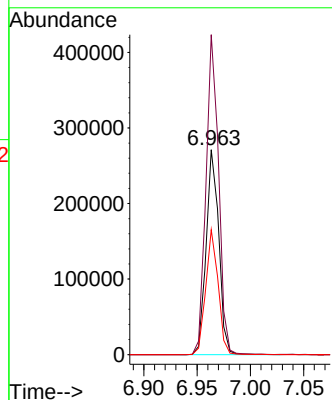
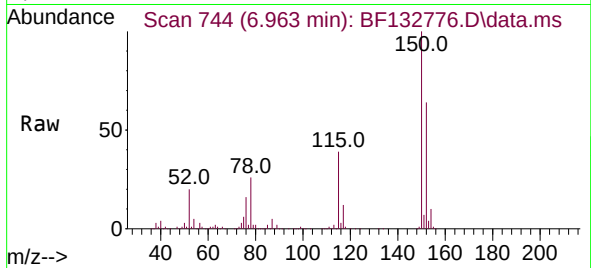




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

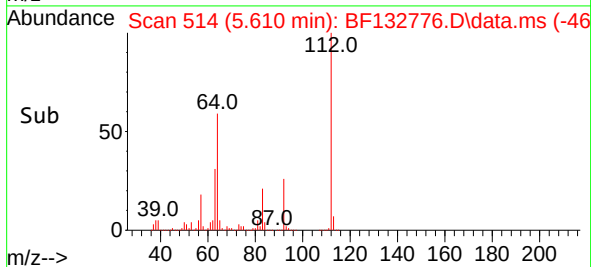
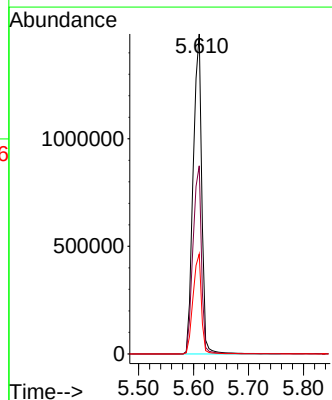
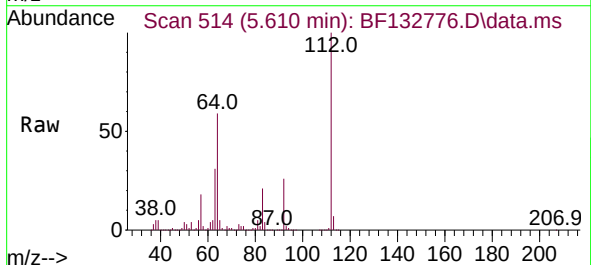
Instrument :
BNA_F
ClientSampleId :
PB151381TB

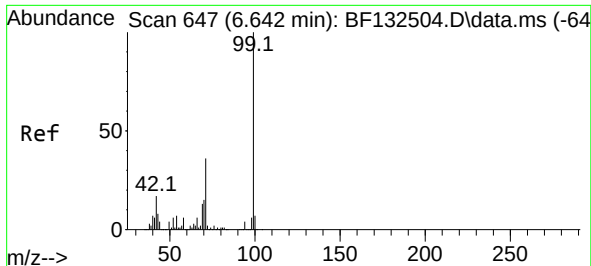
Tgt Ion:152 Resp: 223180
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 117.363 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:112 Resp: 1613897
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.2 27.4 41.2



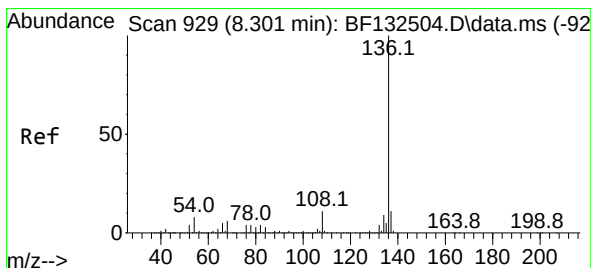
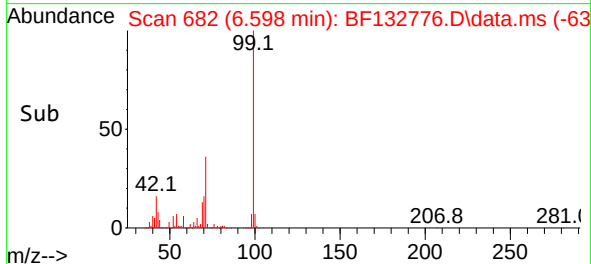
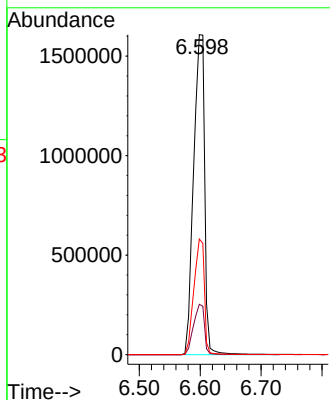
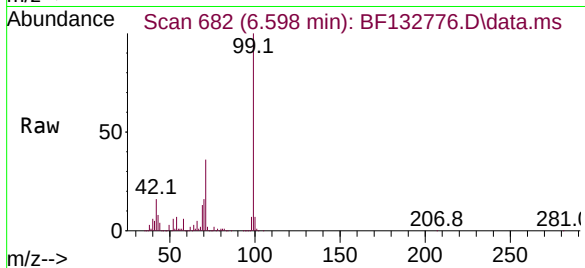


#7
Phenol-d6
Concen: 113.089 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Instrument :
BNA_F
ClientSampleId :
PB151381TB

Tgt Ion: 99 Resp: 2029568

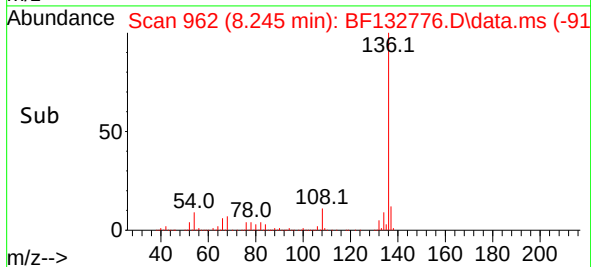
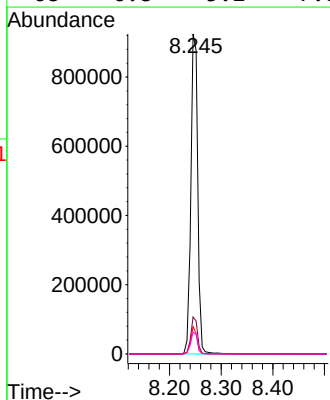
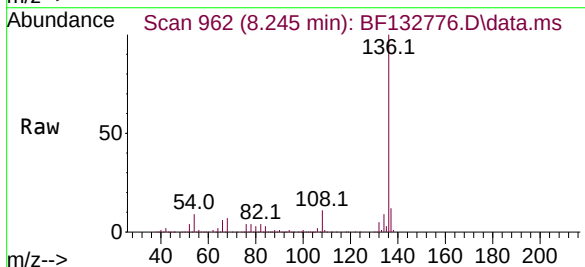
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	36.1	28.5	42.7

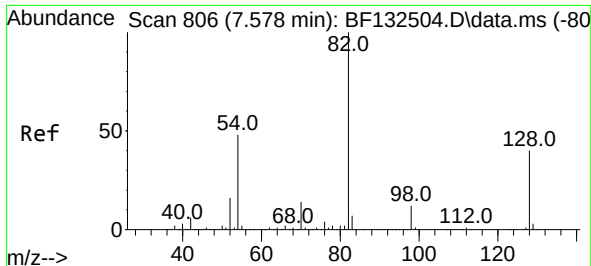


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion: 136 Resp: 851238

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.5	6.2	9.4
68	6.8	5.2	7.8





#23

Nitrobenzene-d5

Concen: 72.615 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132776.D

Acq: 14 Mar 2023 14:01

Instrument :

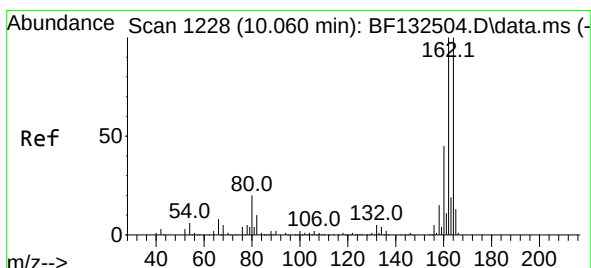
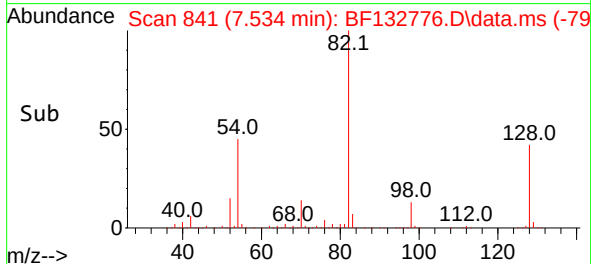
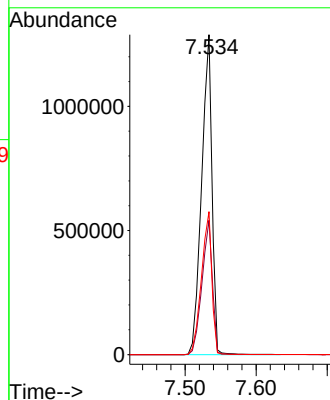
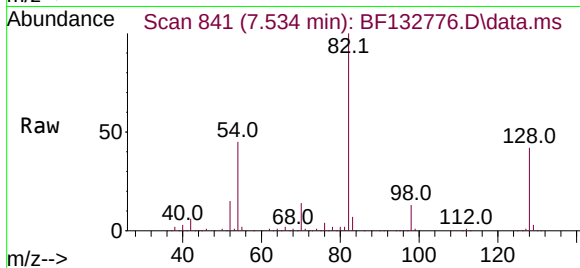
BNA_F

ClientSampleId :

PB151381TB

Tgt Ion: 82 Resp: 1302840

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.2	48.2
54	44.7	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

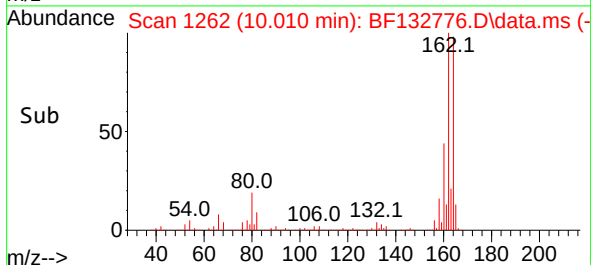
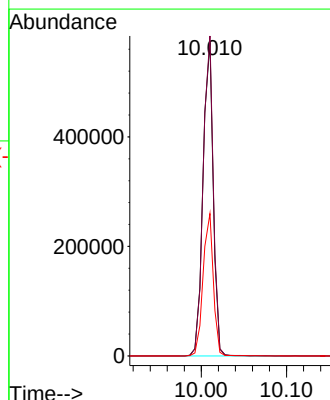
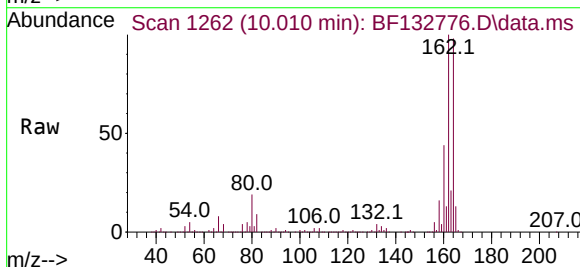
Delta R.T. 0.000 min

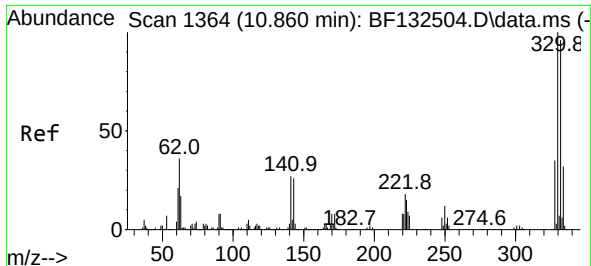
Lab File: BF132776.D

Acq: 14 Mar 2023 14:01

Tgt Ion:164 Resp: 476476

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.8	119.8
160	45.4	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 115.191 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132776.D

Acq: 14 Mar 2023 14:01

Instrument :

BNA_F

ClientSampleId :

PB151381TB

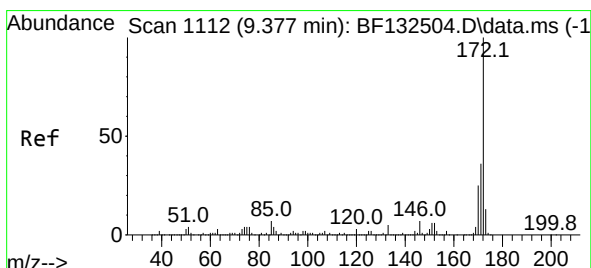
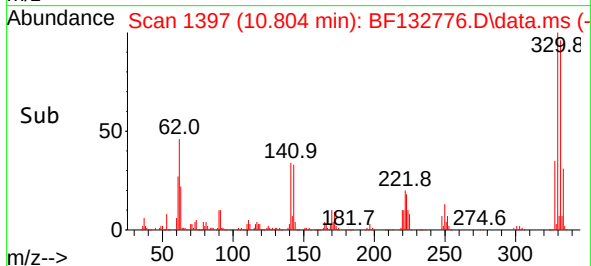
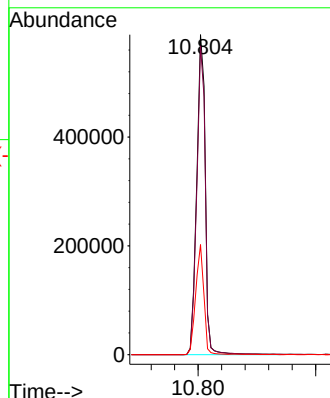
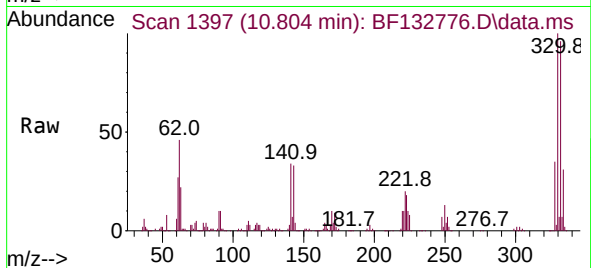
Tgt Ion:330 Resp: 592742

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 32.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 70.837 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF132776.D

Acq: 14 Mar 2023 14:01

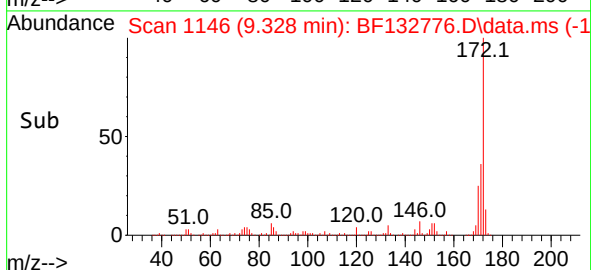
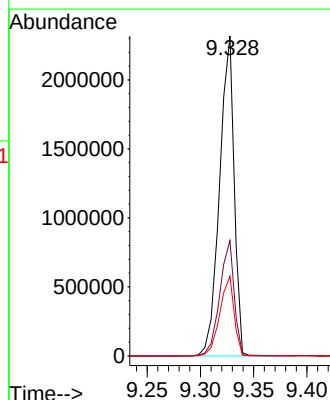
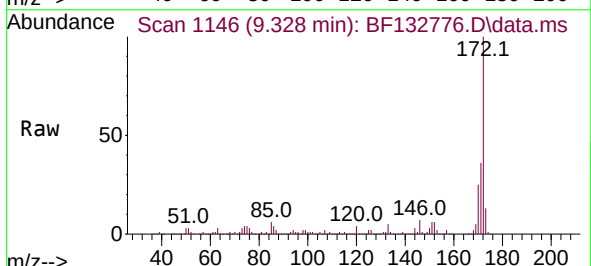
Tgt Ion:172 Resp: 2216643

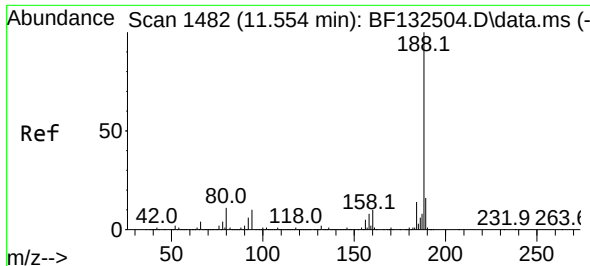
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.9 19.7 29.5

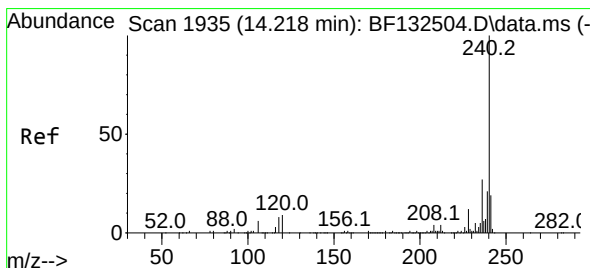
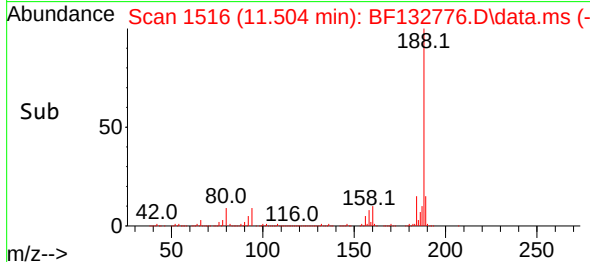
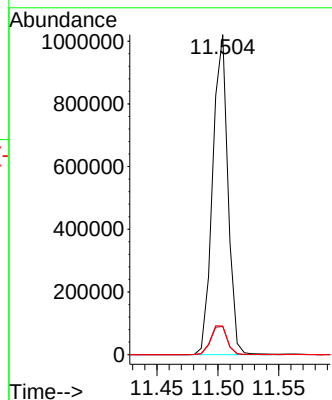
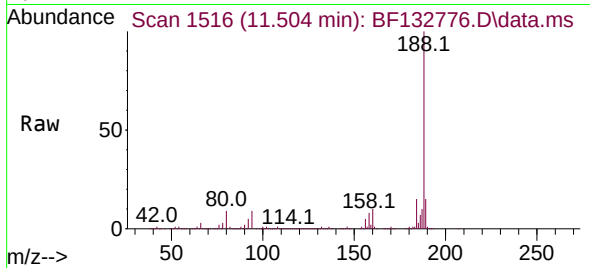




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

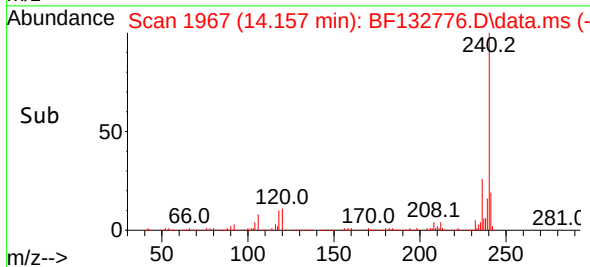
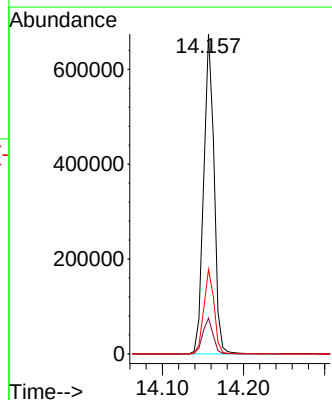
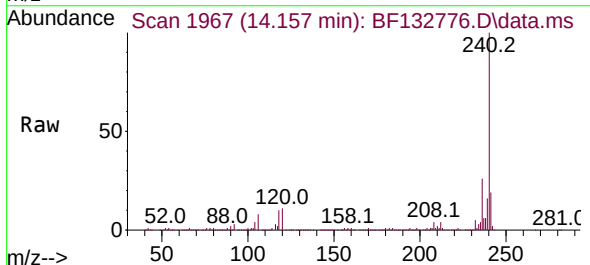
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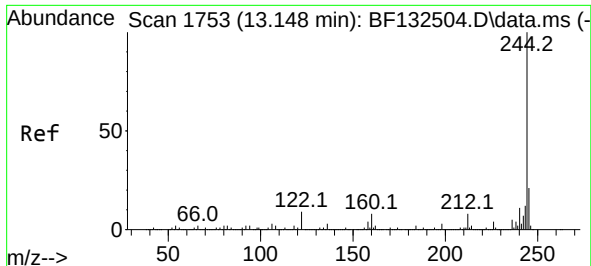
Tgt Ion:188 Resp: 891534
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 8.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132776.D
Acq: 14 Mar 2023 14:01

Tgt Ion:240 Resp: 598065
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 26.4 21.8 32.6

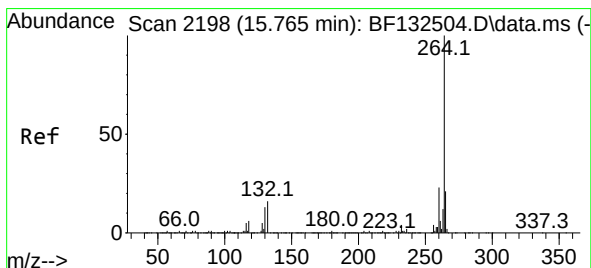
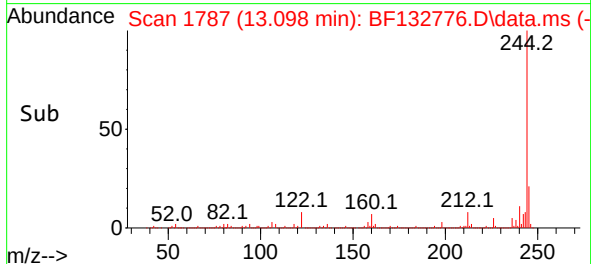
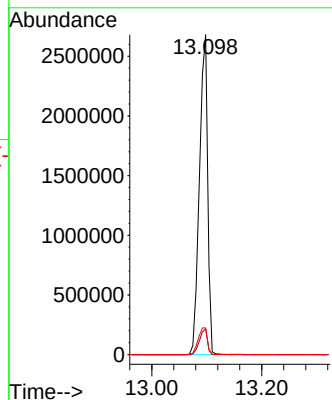
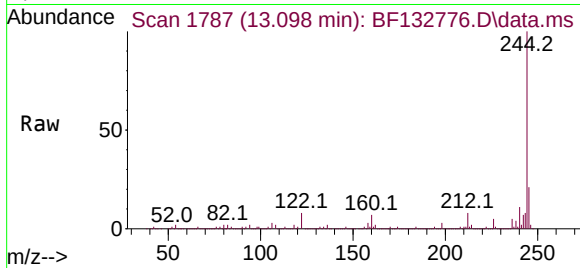




#79
 Terphenyl-d14
 Concen: 78.708 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132776.D
 Acq: 14 Mar 2023 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB151381TB

Tgt Ion:244 Resp: 2784135
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. 0.000 min
 Lab File: BF132776.D
 Acq: 14 Mar 2023 14:01

Tgt Ion:264 Resp: 466502
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 20.7 17.1 25.7

