

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132755.D
 Acq On : 13 Mar 2023 11:29
 Operator : CG\JU
 Sample : PB151350BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BL

Quant Time: Mar 14 01:27:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	282571	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	1053017	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	587803	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	1108108	20.000	ng	0.00
76) Chrysene-d12	14.163	240	731923	20.000	ng	0.00
86) Perylene-d12	15.698	264	589046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1913380	109.897	ng	0.02
7) Phenol-d6	6.610	99	2479763	109.132	ng	0.00
23) Nitrobenzene-d5	7.539	82	1688465	76.075	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	750353	118.203	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	2730149	70.723	ng	0.00
79) Terphenyl-d14	13.104	244	3332550	76.982	ng	0.00

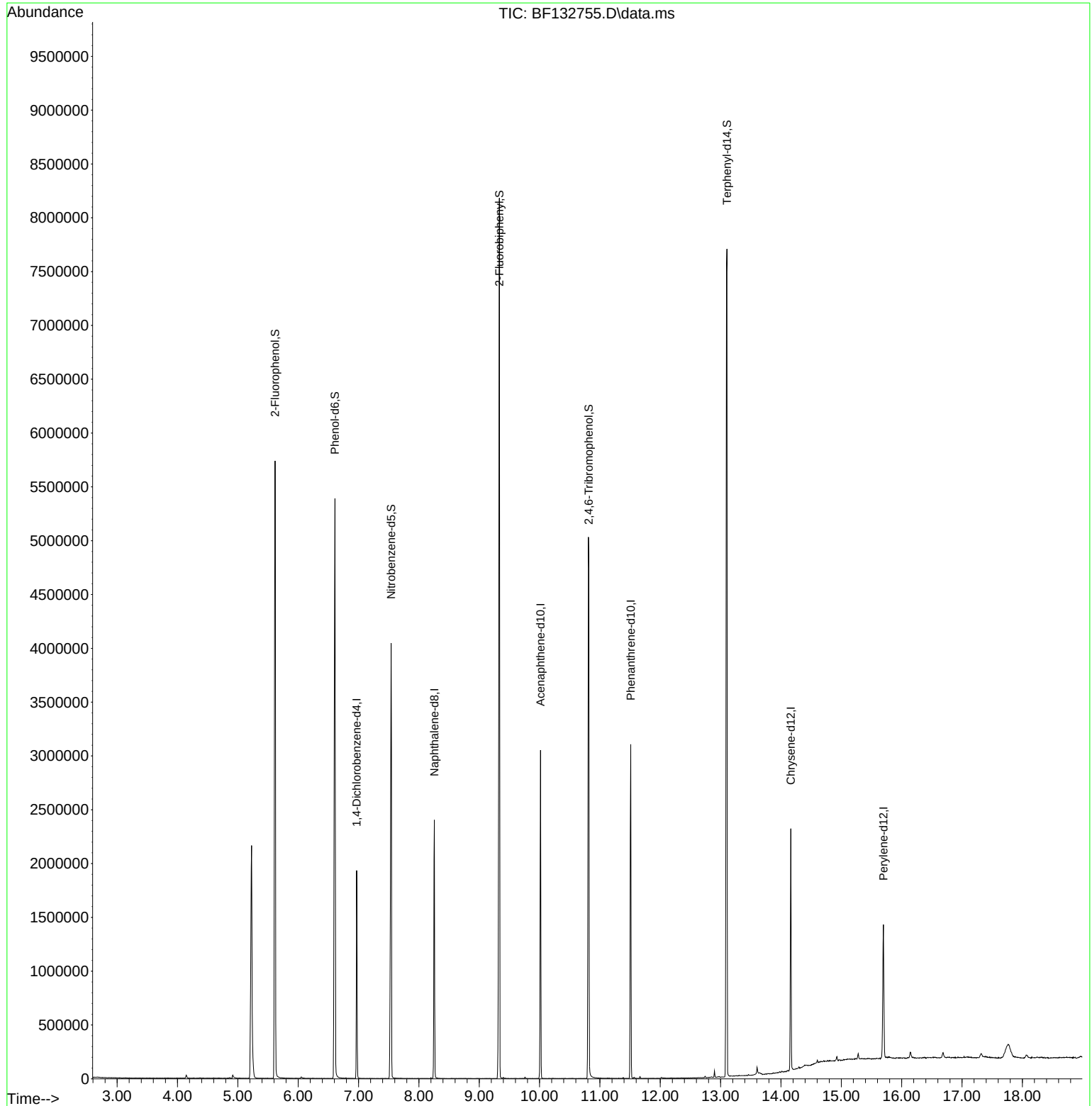
Target Compounds	Qvalue

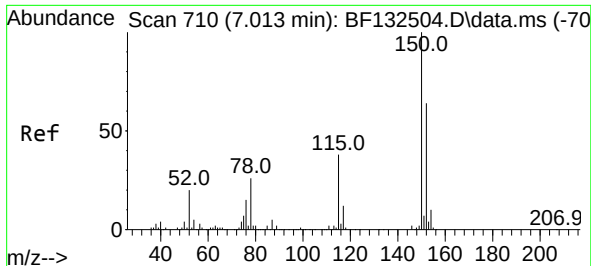
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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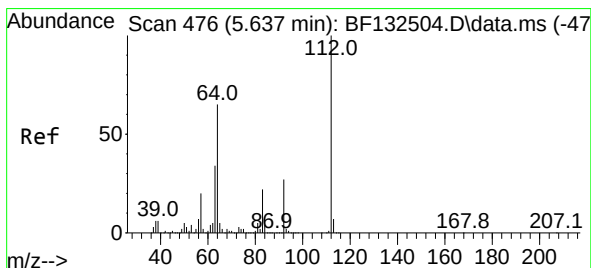
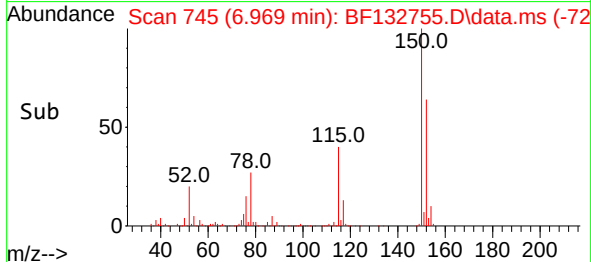
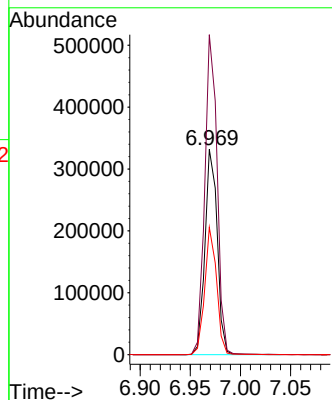
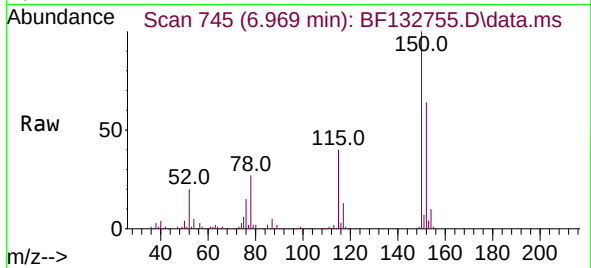




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

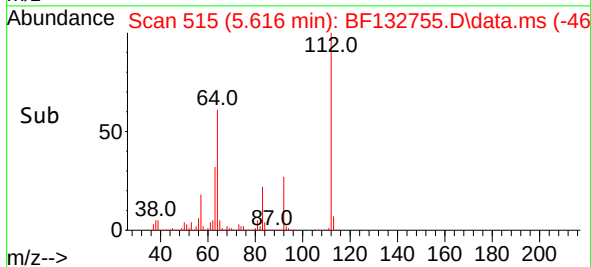
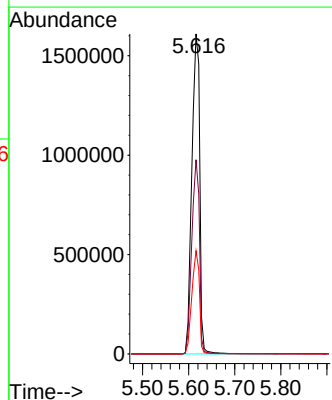
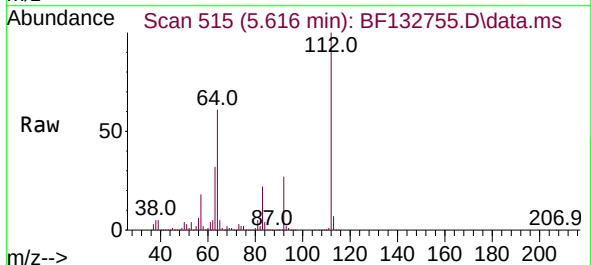
Instrument :
BNA_F
ClientSampleId :
PB151350BL

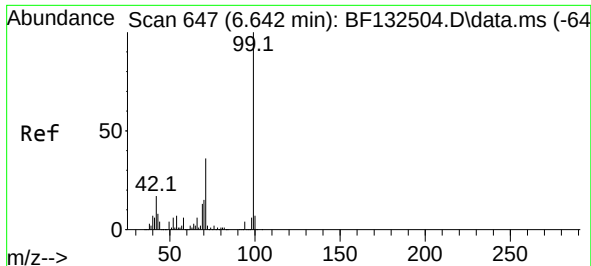
Tgt Ion:152 Resp: 282571
Ion Ratio Lower Upper
152 100
150 156.0 125.4 188.2
115 62.0 47.8 71.6



#5
2-Fluorophenol
Concen: 109.897 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.018 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion:112 Resp: 1913380
Ion Ratio Lower Upper
112 100
64 60.7 51.6 77.4
63 32.2 27.4 41.2



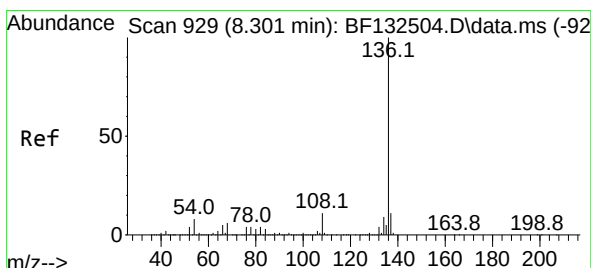
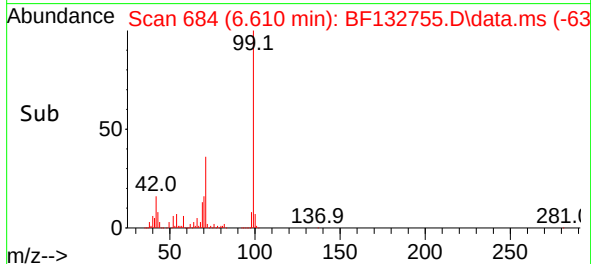
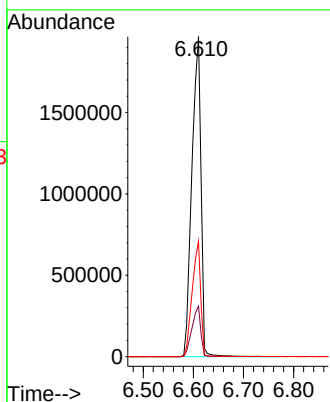
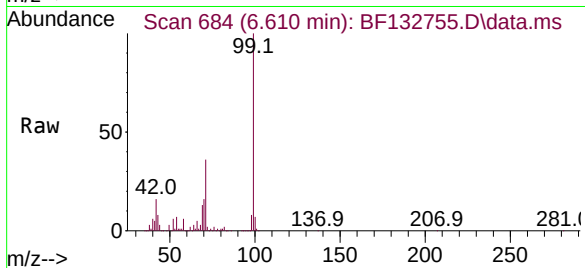


#7
Phenol-d6
Concen: 109.132 ng
RT: 6.610 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Instrument :
BNA_F
ClientSampleId :
PB151350BL

Tgt Ion: 99 Resp: 2479763

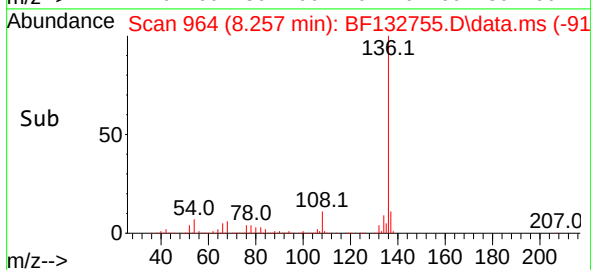
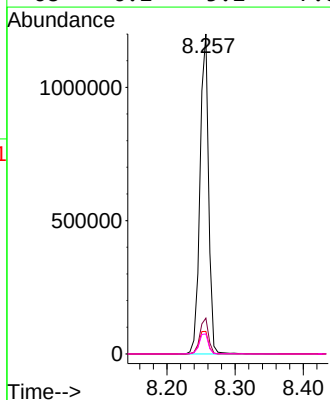
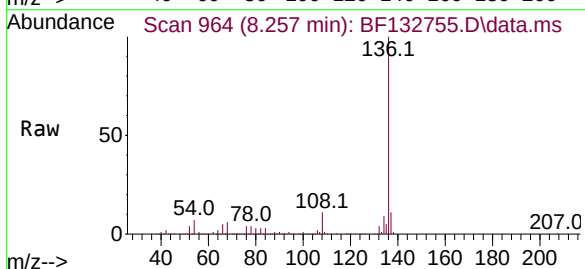
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.9	20.9
71	36.1	28.5	42.7

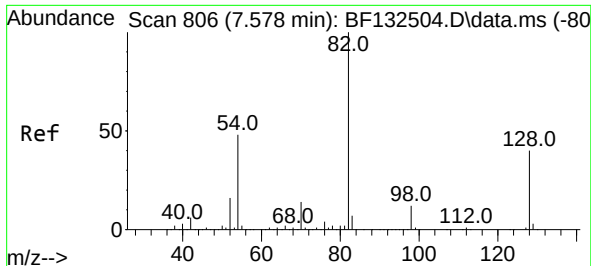


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion: 136 Resp: 1053017

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.2	9.4
68	6.2	5.2	7.8





#23

Nitrobenzene-d5

Concen: 76.075 ng

RT: 7.539 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Instrument :

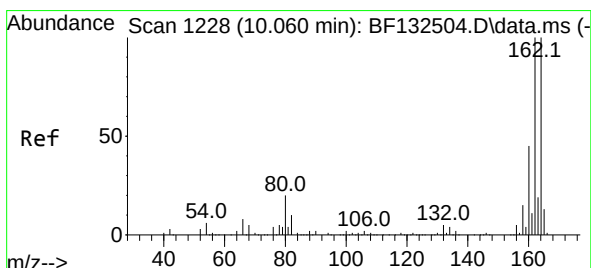
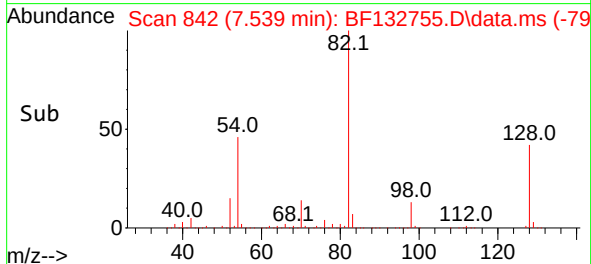
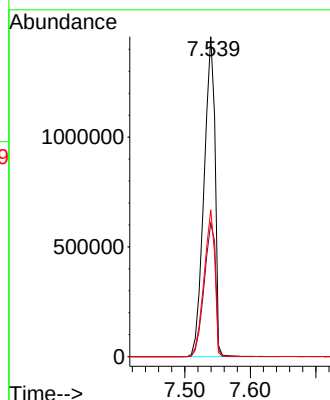
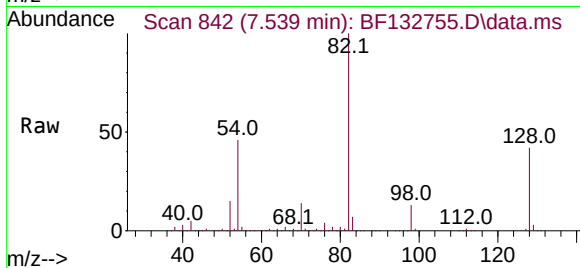
BNA_F

ClientSampleId :

PB151350BL

Tgt Ion: 82 Resp: 1688465

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.2	48.2
54	45.9	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1263

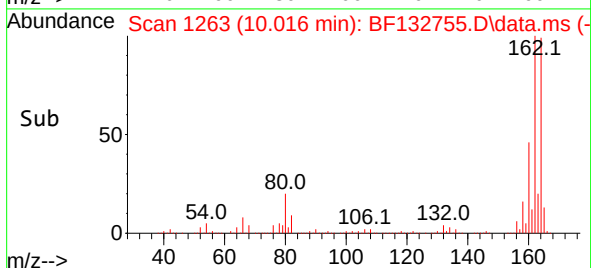
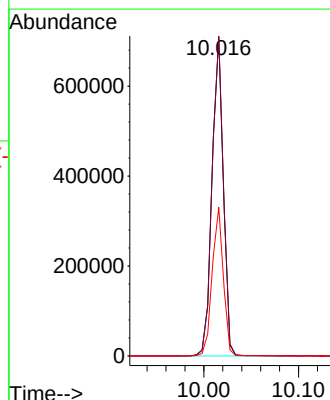
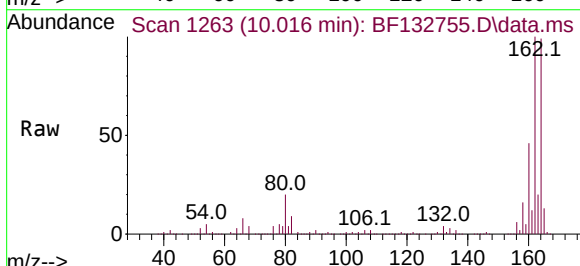
Delta R.T. -0.006 min

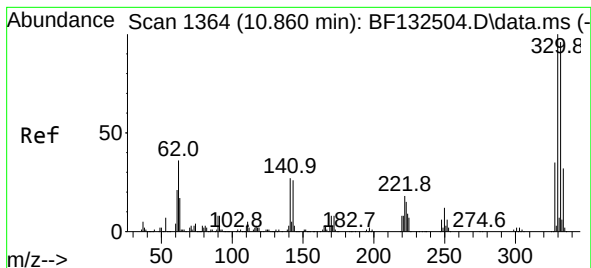
Lab File: BF132755.D

Acq: 13 Mar 2023 11:29

Tgt Ion:164 Resp: 587803

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	46.7	35.8	53.6

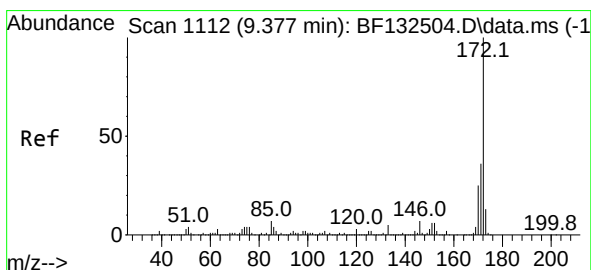
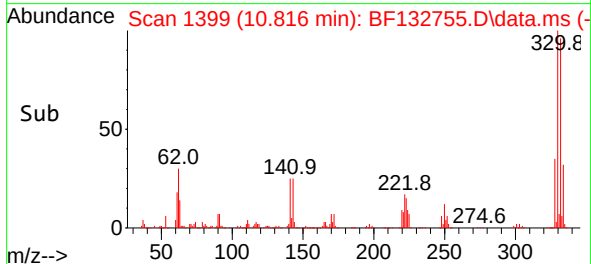
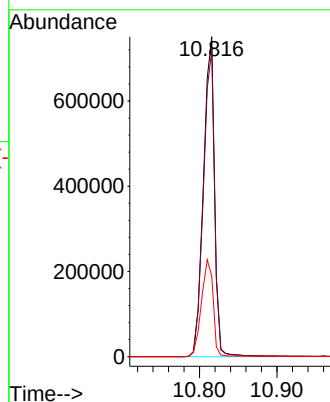
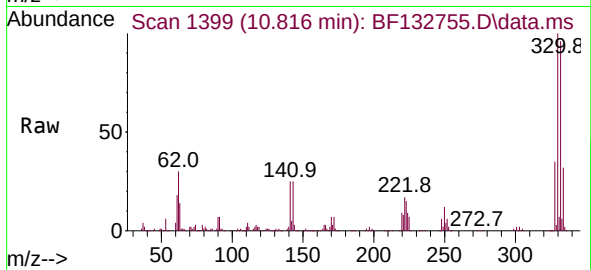




#42
2,4,6-Tribromophenol
Concen: 118.203 ng
RT: 10.816 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

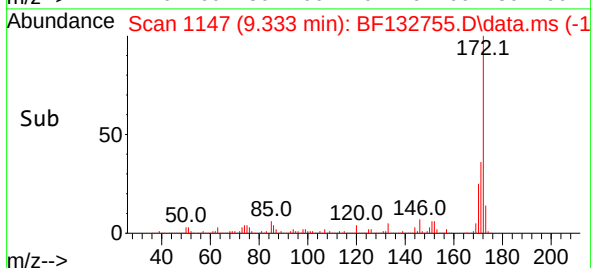
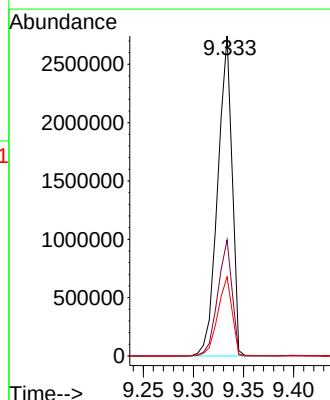
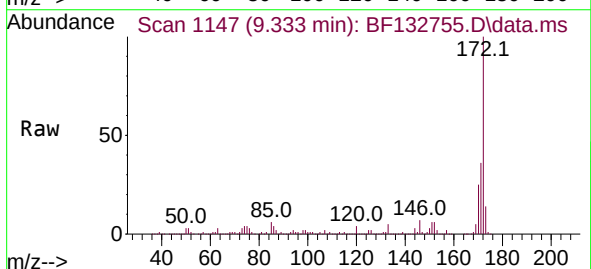
Instrument :
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ClientSampleId :
PB151350BL

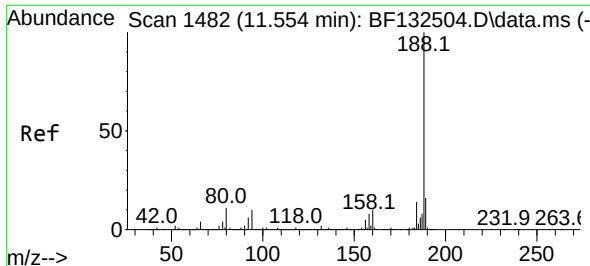
Tgt Ion: 330 Resp: 750353
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 31.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 70.723 ng
RT: 9.333 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion: 172 Resp: 2730149
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.7 19.7 29.5

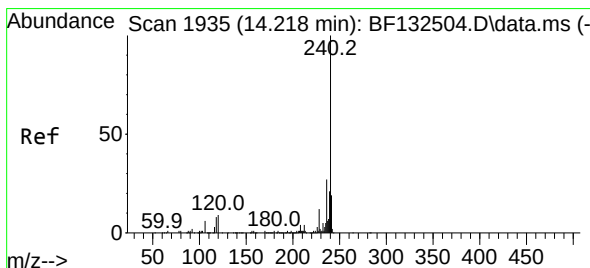
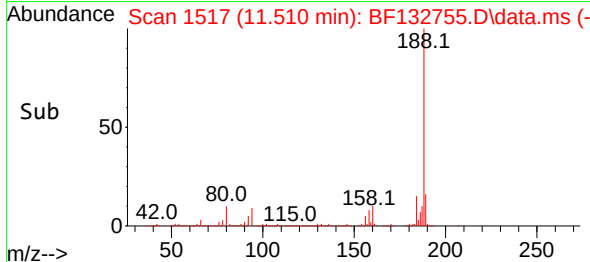
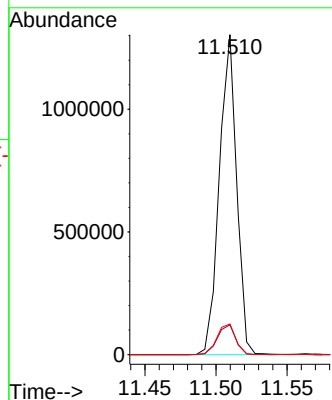
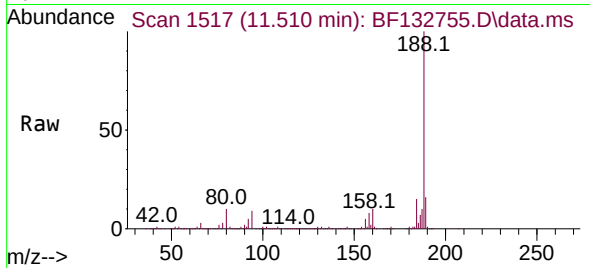




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

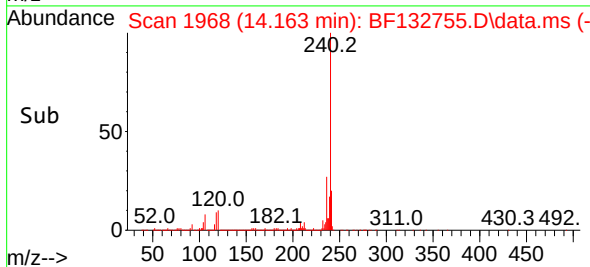
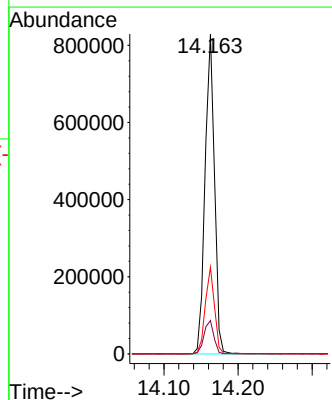
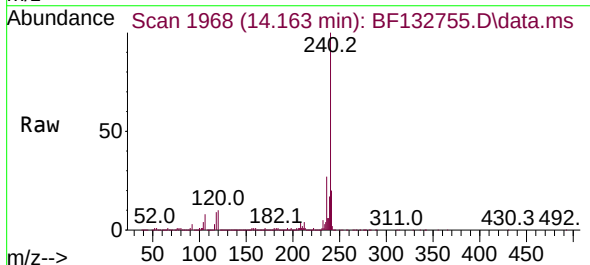
Instrument :
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ClientSampleId :
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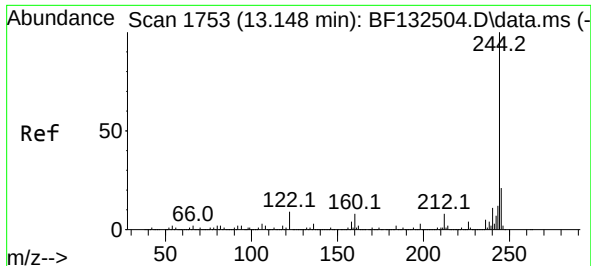
Tgt Ion:188 Resp: 1108108
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132755.D
Acq: 13 Mar 2023 11:29

Tgt Ion:240 Resp: 731923
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 27.1 21.8 32.6

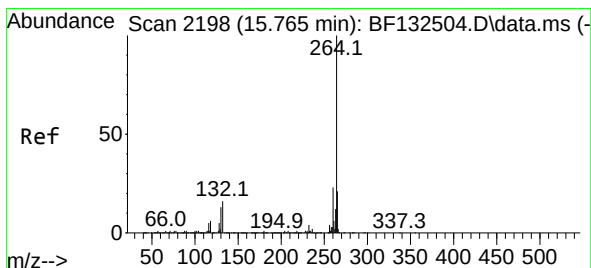
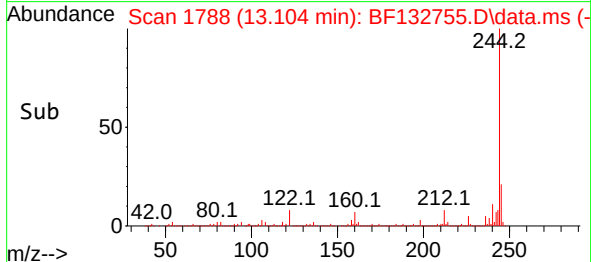
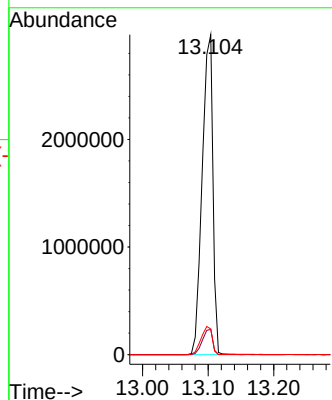
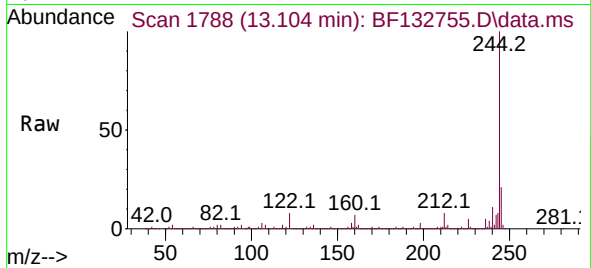




#79
 Terphenyl-d14
 Concen: 76.982 ng
 RT: 13.104 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132755.D
 Acq: 13 Mar 2023 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB151350BL

Tgt Ion:244 Resp: 3332550
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF132755.D
 Acq: 13 Mar 2023 11:29

Tgt Ion:264 Resp: 589046
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 21.6 17.1 25.7

