

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132777.D
 Acq On : 14 Mar 2023 14:36
 Operator : CG\JU
 Sample : 01877-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 14 15:38:22 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)

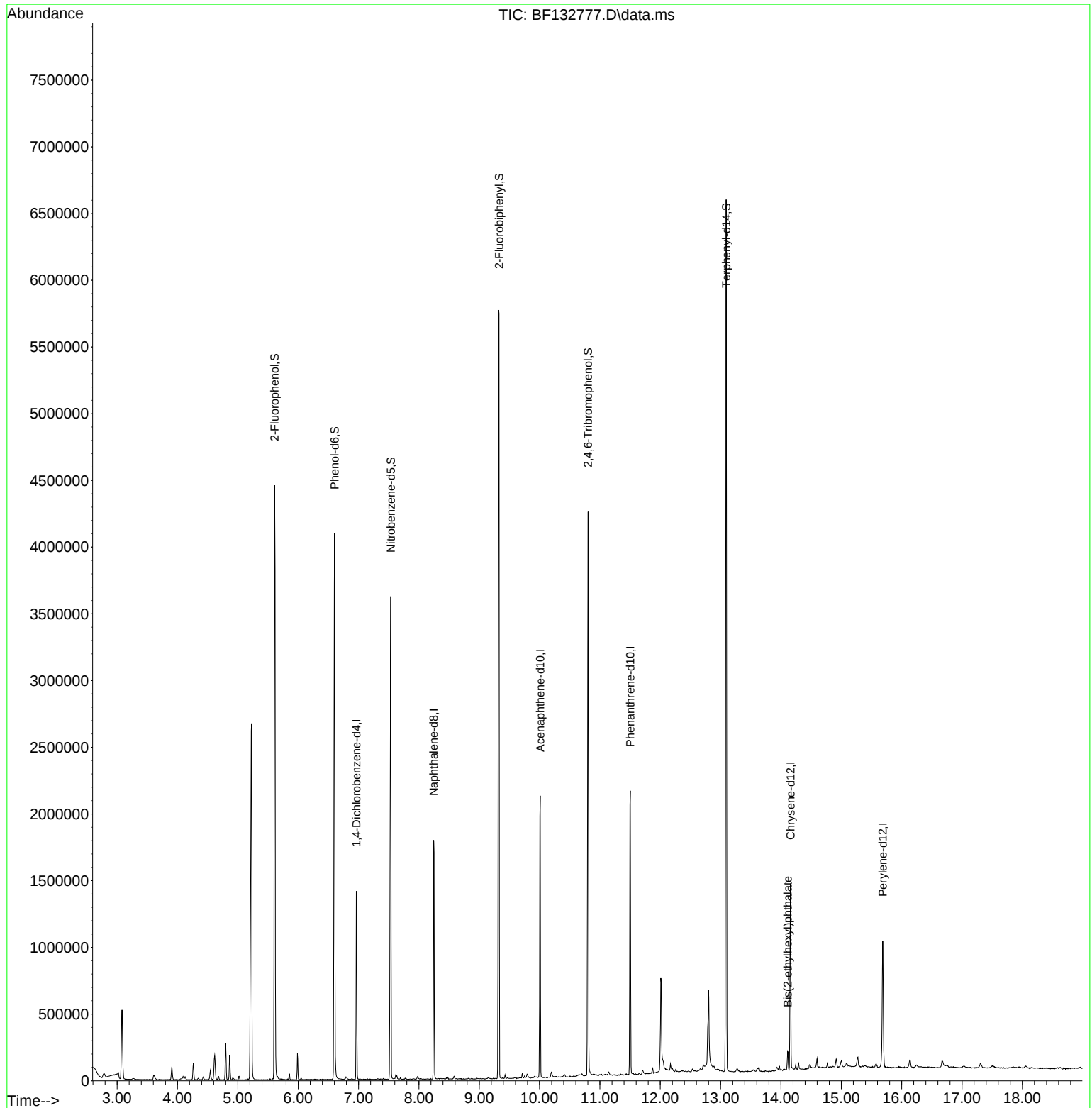
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	218348	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	800993	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	431864	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	838901	20.000	ng	0.00
76) Chrysene-d12	14.157	240	432624	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	446726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1394832	103.677	ng	0.02
7) Phenol-d6	6.604	99	1655506	94.287	ng	0.00
23) Nitrobenzene-d5	7.534	82	1240015	73.448	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	550966	118.133	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2007393	70.776	ng	0.00
79) Terphenyl-d14	13.092	244	2444003	95.515	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.110	149	52196	2.737	ng	Qvalue 99

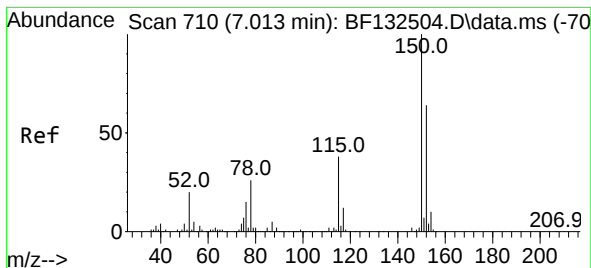
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.963 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL

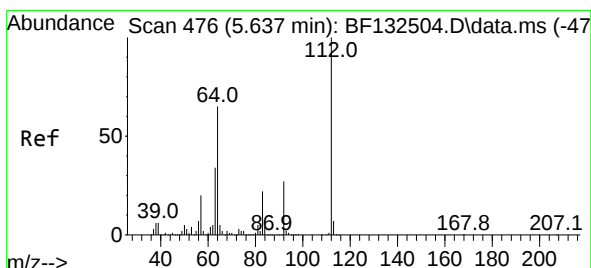
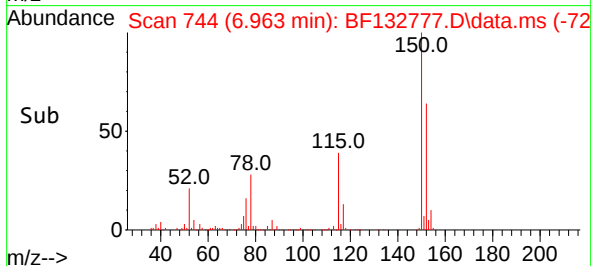
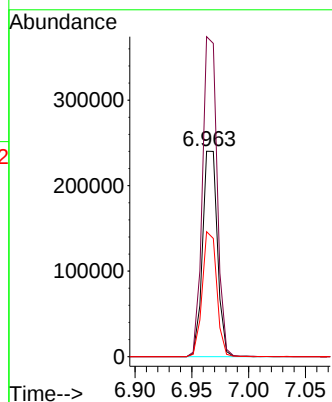
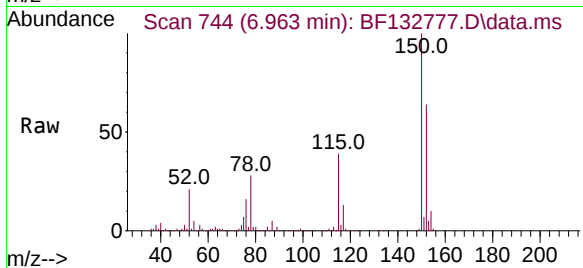
Tgt Ion:152 Resp: 218348

Ion Ratio Lower Upper

152 100

150 155.8 125.4 188.2

115 60.8 47.8 71.6



#5

2-Fluorophenol

Concen: 103.677 ng

RT: 5.610 min Scan# 514

Delta R.T. 0.018 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

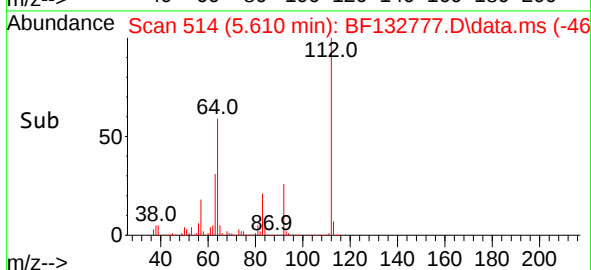
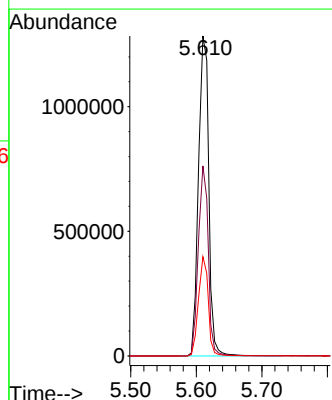
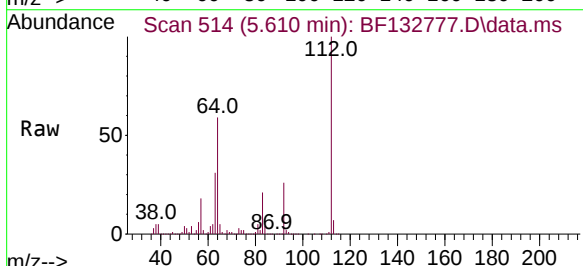
Tgt Ion:112 Resp: 1394832

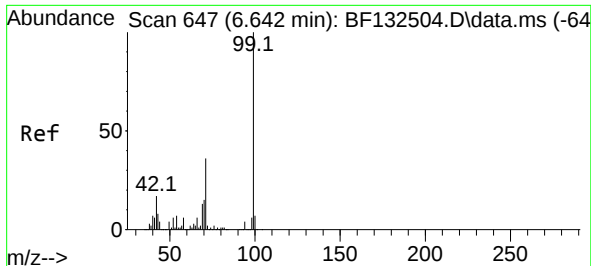
Ion Ratio Lower Upper

112 100

64 59.4 51.6 77.4

63 31.0 27.4 41.2





#7

Phenol-d6

Concen: 94.287 ng

RT: 6.604 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Instrument :

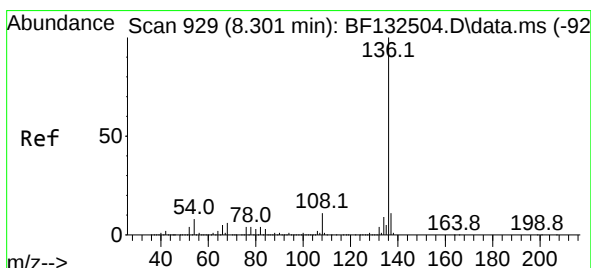
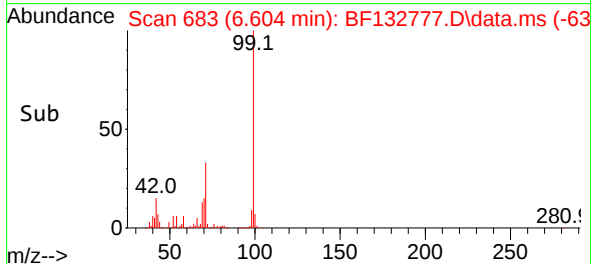
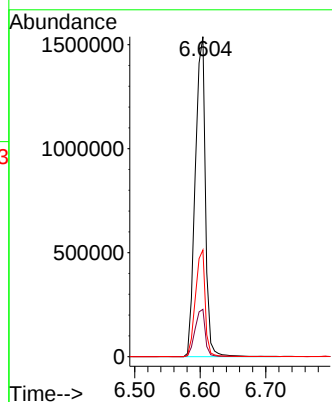
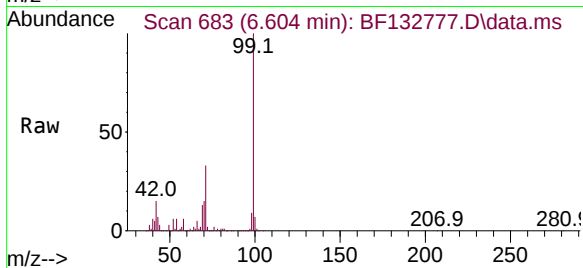
BNA_F

ClientSampleId :

COMP-SOIL

Tgt Ion: 99 Resp: 1655506

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.9	20.9
71	33.3	28.5	42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 962

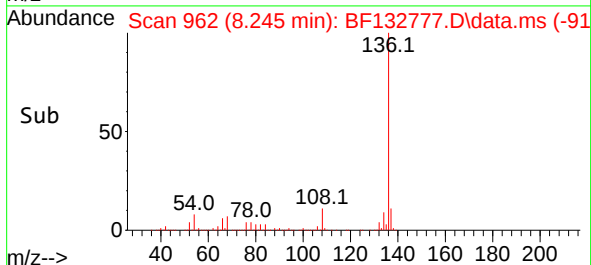
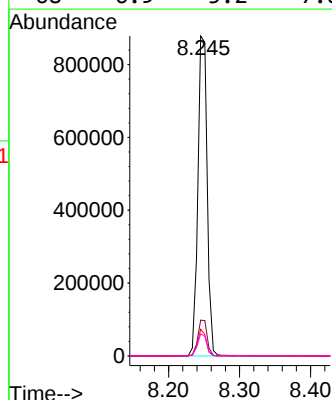
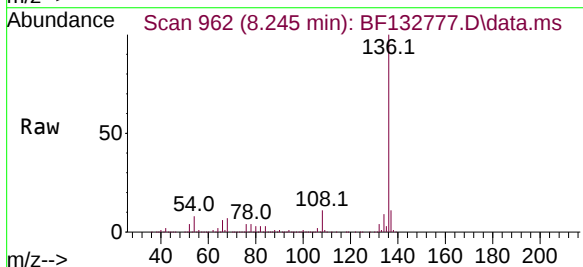
Delta R.T. -0.006 min

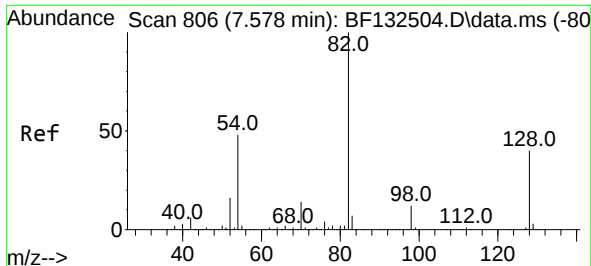
Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Tgt Ion: 136 Resp: 800993

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.2	9.4
68	6.9	5.2	7.8





#23

Nitrobenzene-d5

Concen: 73.448 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Instrument :

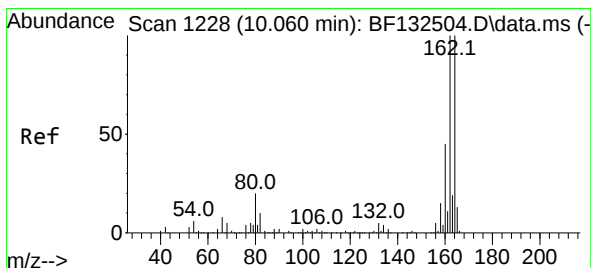
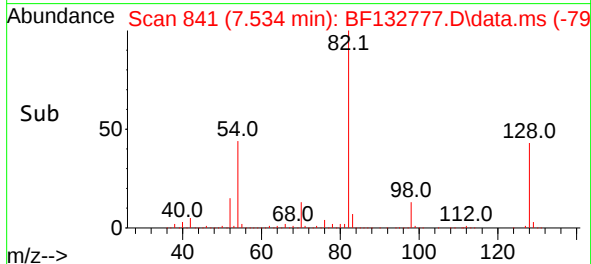
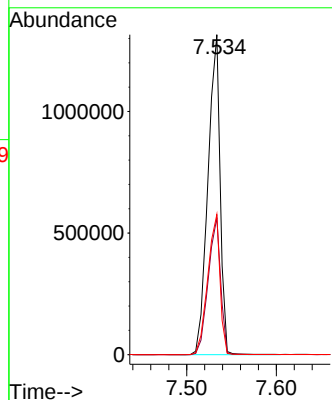
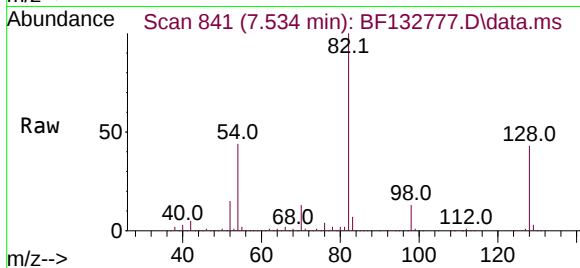
BNA_F

ClientSampleId :

COMP-SOIL

Tgt Ion: 82 Resp: 1240015

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.2	48.2
54	43.8	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

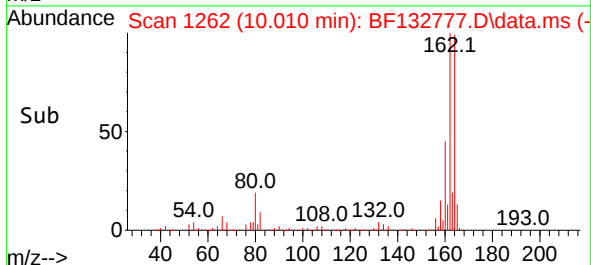
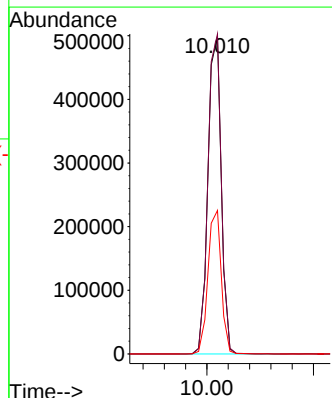
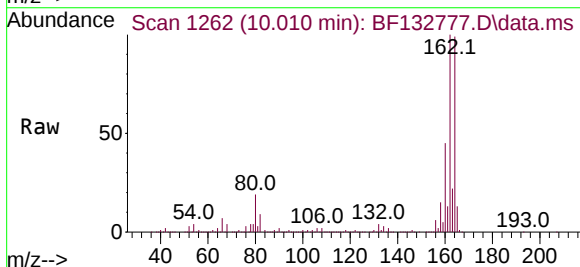
Delta R.T. -0.000 min

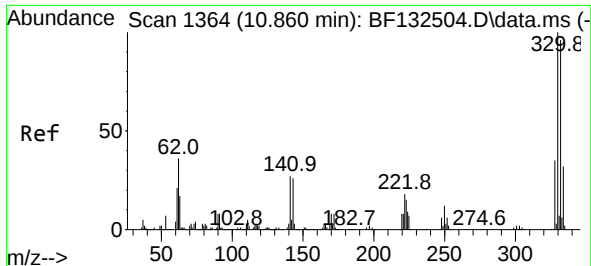
Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Tgt Ion: 164 Resp: 431864

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.8
160	45.1	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 118.133 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132777.D

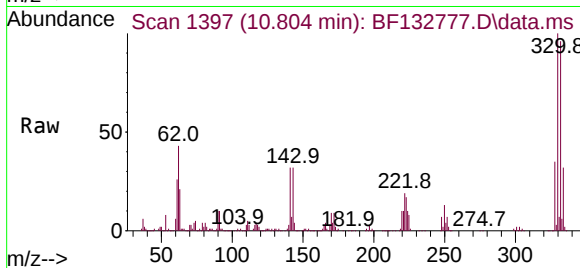
Acq: 14 Mar 2023 14:36

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL



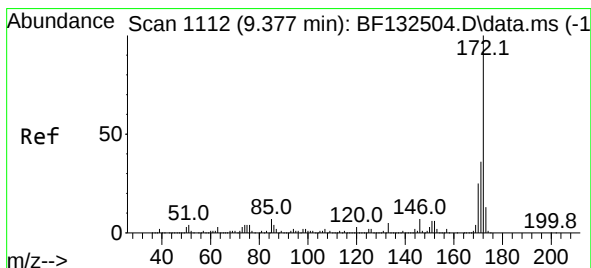
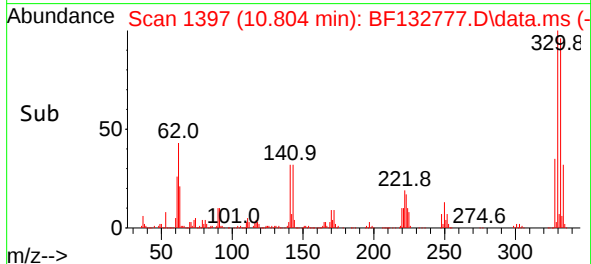
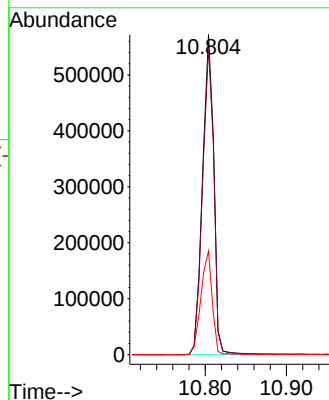
Tgt Ion:330 Resp: 550966

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 32.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 70.776 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

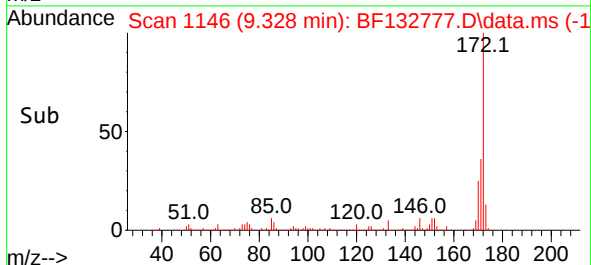
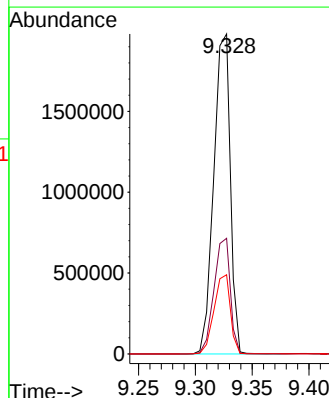
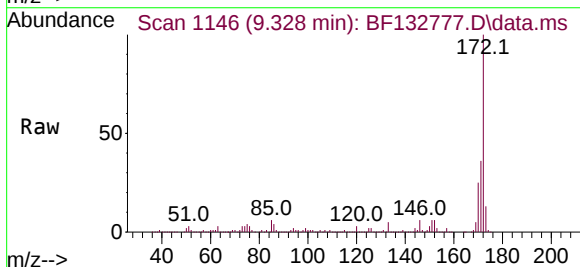
Tgt Ion:172 Resp: 2007393

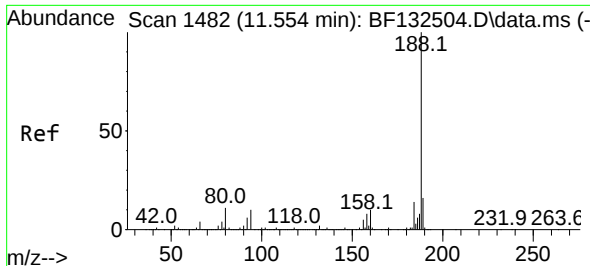
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.7 19.7 29.5

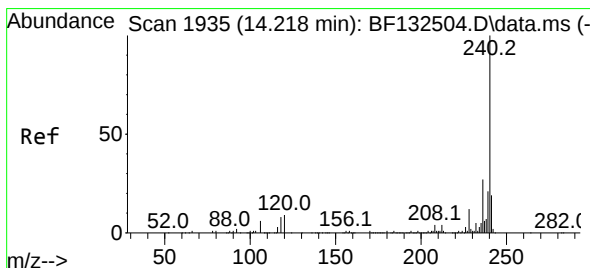
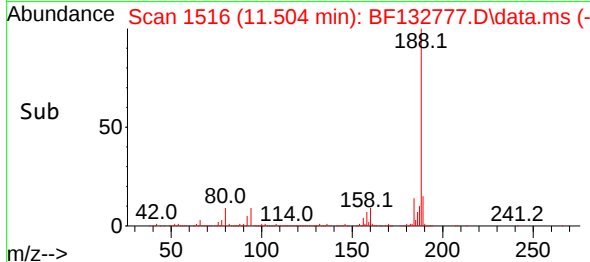
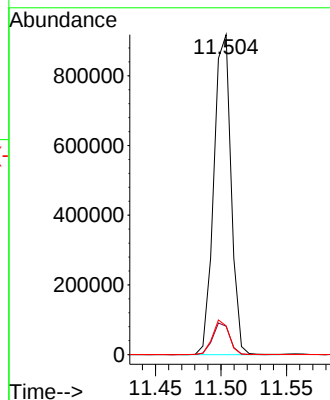
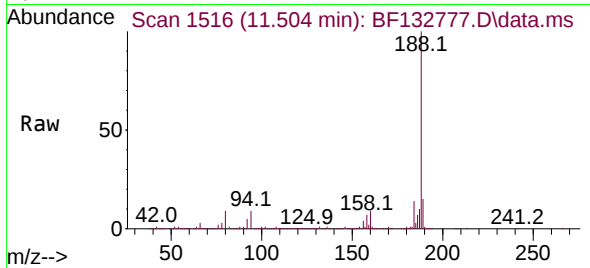




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132777.D
Acq: 14 Mar 2023 14:36

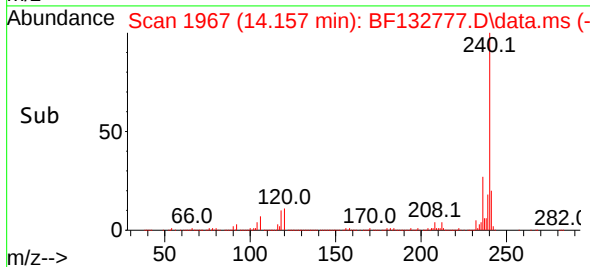
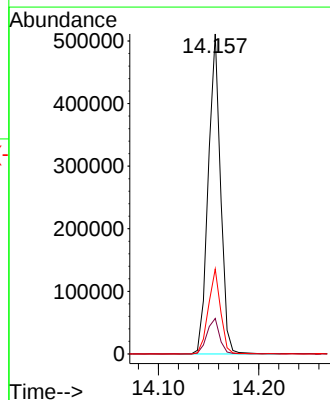
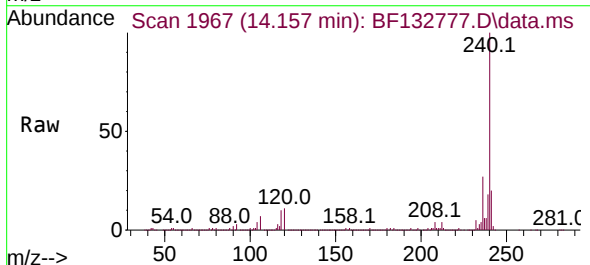
Instrument :
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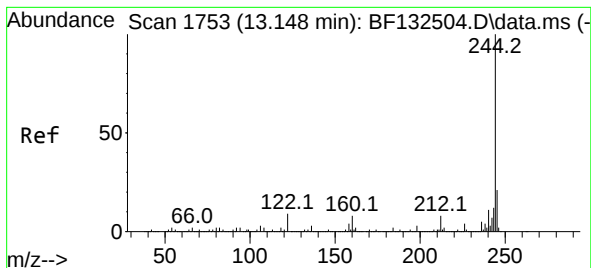
Tgt Ion:188 Resp: 838901
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132777.D
Acq: 14 Mar 2023 14:36

Tgt Ion:240 Resp: 432624
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 95.515 ng

RT: 13.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

Instrument :

BNA_F

ClientSampleId :

COMP-SOIL

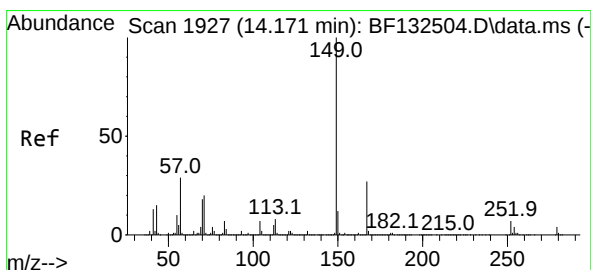
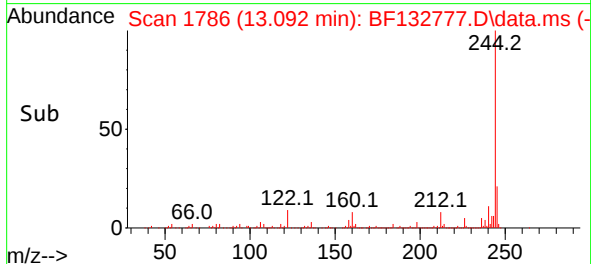
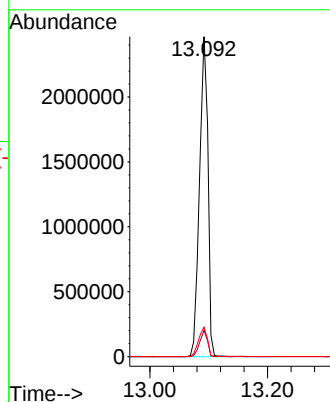
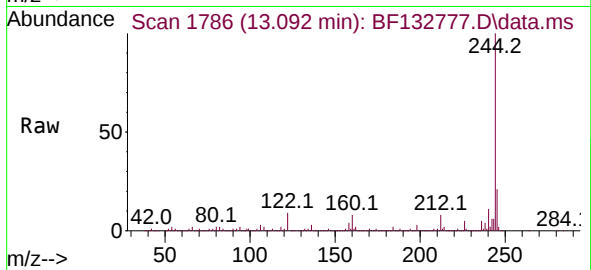
Tgt Ion:244 Resp: 2444003

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.2 7.5 11.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.737 ng

RT: 14.110 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BF132777.D

Acq: 14 Mar 2023 14:36

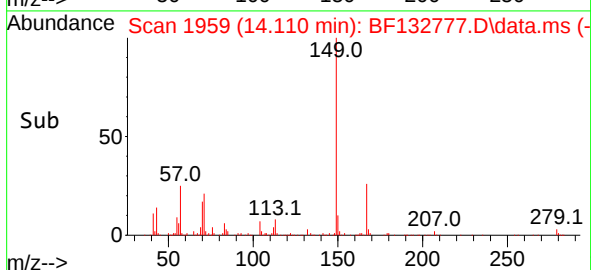
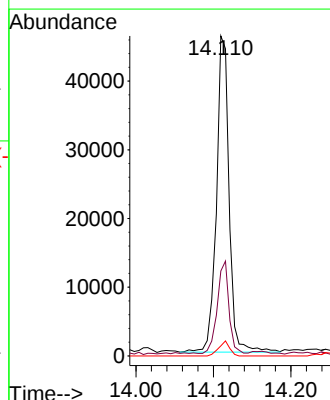
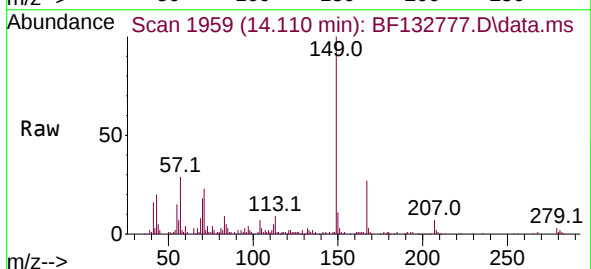
Tgt Ion:149 Resp: 52196

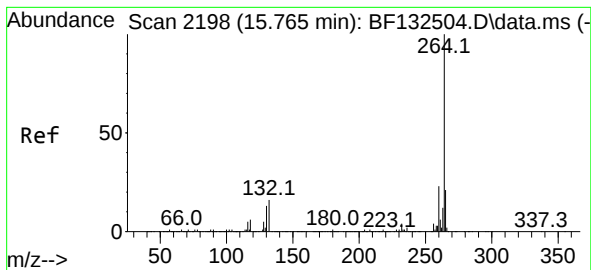
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

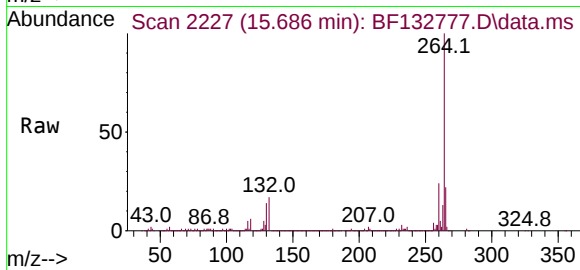
279 3.1 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132777.D
 Acq: 14 Mar 2023 14:36

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL



Tgt Ion:264 Resp: 446726
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.0 17.1 25.7

