

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132726.D
 Acq On : 09 Mar 2023 19:35
 Operator : CG\JU
 Sample : 01832-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-GW-01

Quant Time: Mar 10 03:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

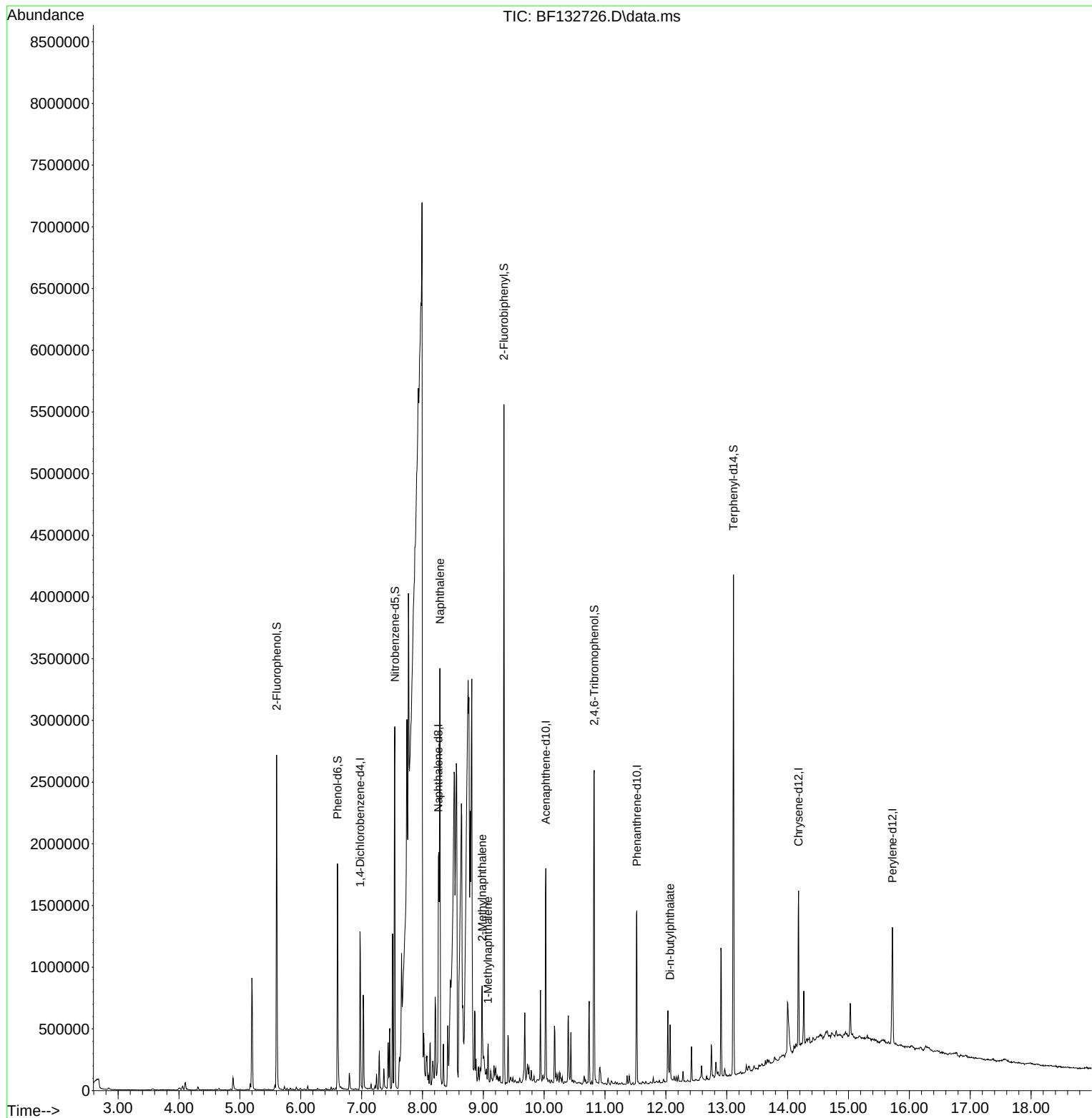
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	188847	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	667861	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	348988	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	557026	20.000	ng	0.00
76) Chrysene-d12	14.180	240	438832	20.000	ng	0.00
86) Perylene-d12	15.721	264	469993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	723544	62.182	ng	0.00
7) Phenol-d6	6.604	99	630773	41.537	ng	-0.02
23) Nitrobenzene-d5	7.545	82	927351	65.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	322007	85.437	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1513232	66.023	ng	0.00
79) Terphenyl-d14	13.110	244	1313448	50.605	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.287	128	1166641	34.122	ng	99
37) 2-Methylnaphthalene	8.981	142	153305	6.580	ng	98
38) 1-Methylnaphthalene	9.075	142	65134	2.991	ng	94
74) Di-n-butylphthalate	12.069	149	197617	6.288	ng	98

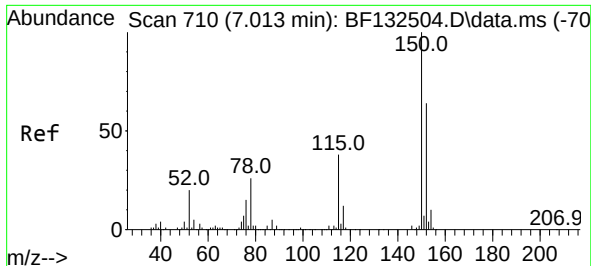
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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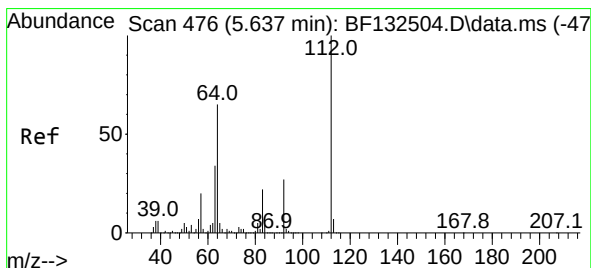
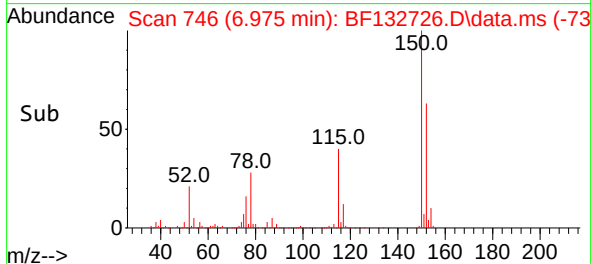
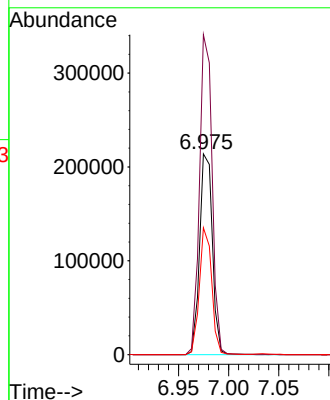
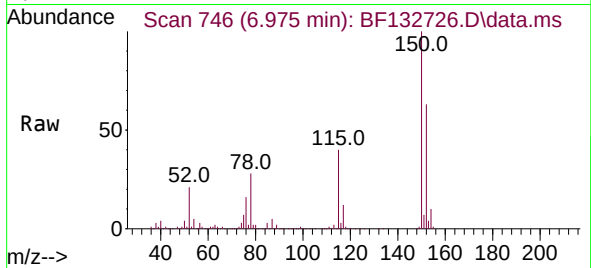




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

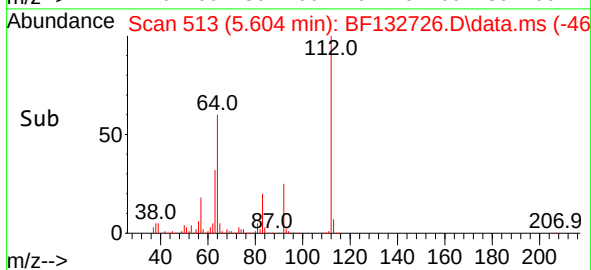
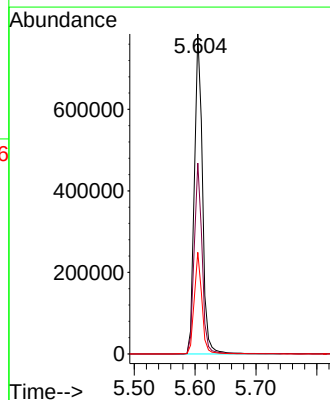
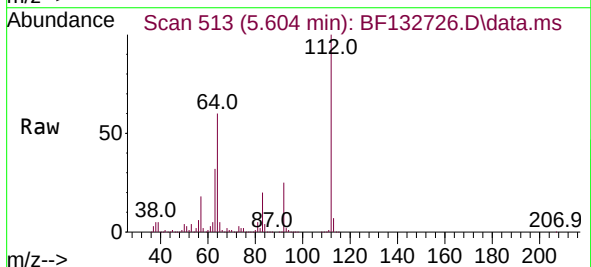
Instrument :
BNA_F
ClientSampleId :
B-19-GW-01

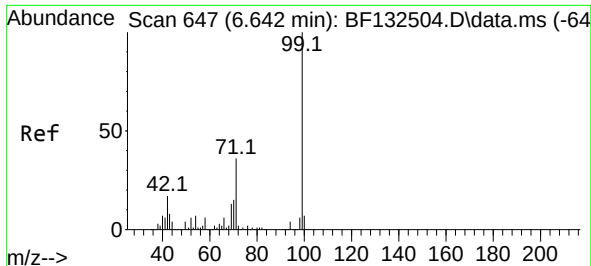
Tgt Ion:152 Resp: 188847
Ion Ratio Lower Upper
152 100
150 159.5 125.4 188.2
115 63.2 47.8 71.6



#5
2-Fluorophenol
Concen: 62.182 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:112 Resp: 723544
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 31.7 27.4 41.2

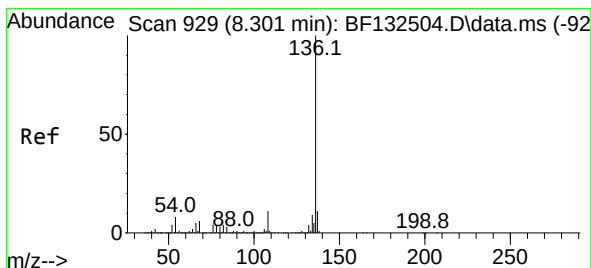
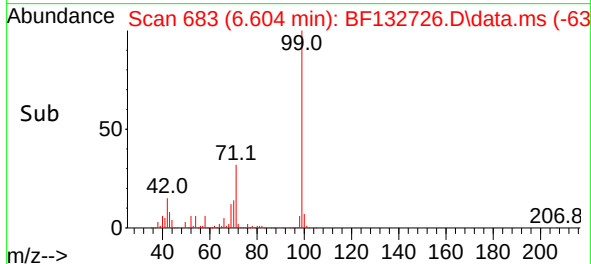
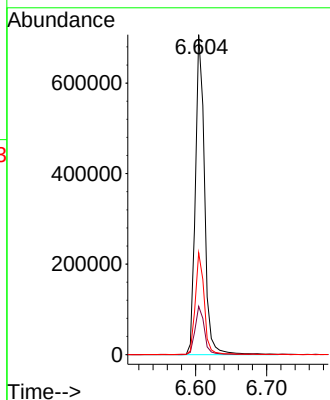
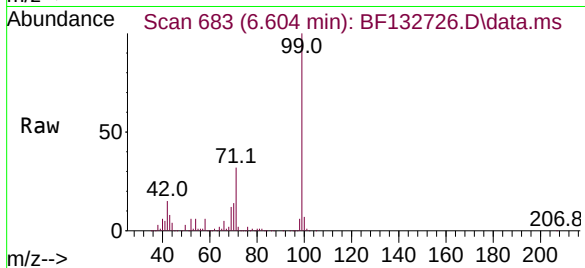




#7
Phenol-d6
Concen: 41.537 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

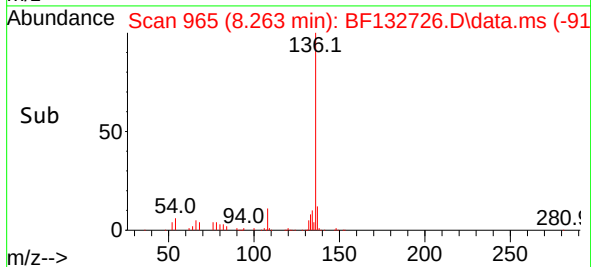
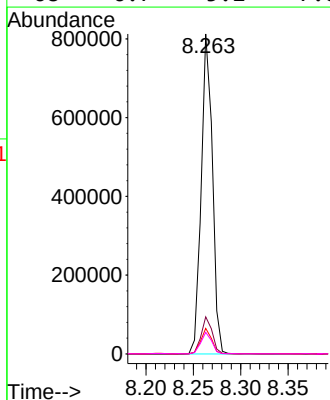
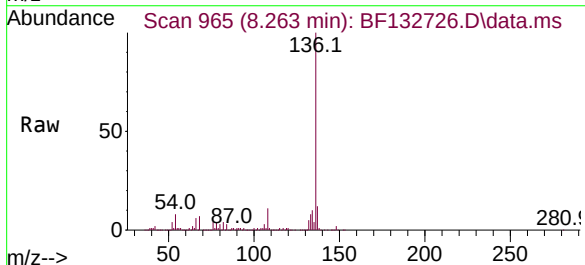
Instrument :
BNA_F
ClientSampleId :
B-19-GW-01

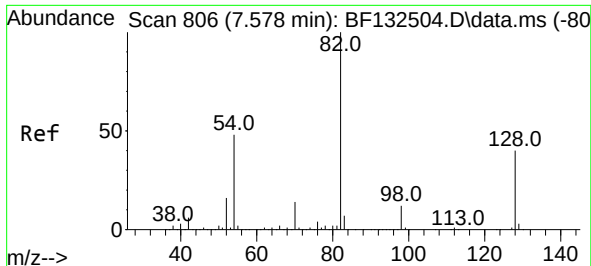
Tgt Ion: 99 Resp: 630773
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 31.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion: 136 Resp: 667861
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.0 6.2 9.4
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 65.878 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

Instrument :

BNA_F

ClientSampleId :

B-19-GW-01

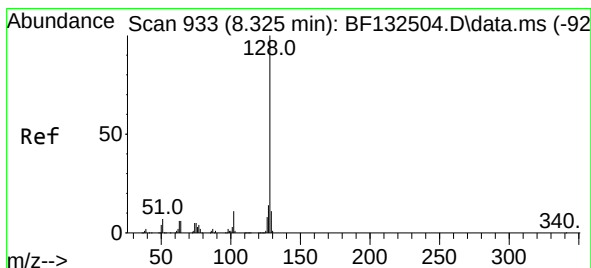
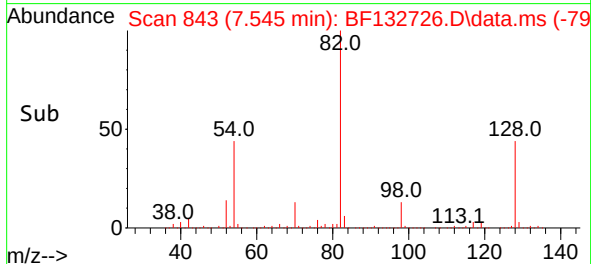
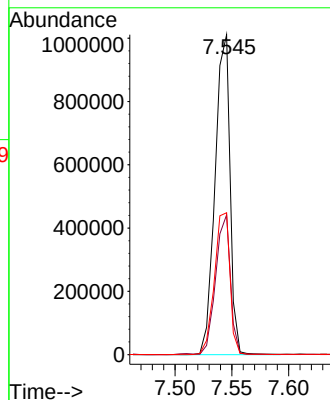
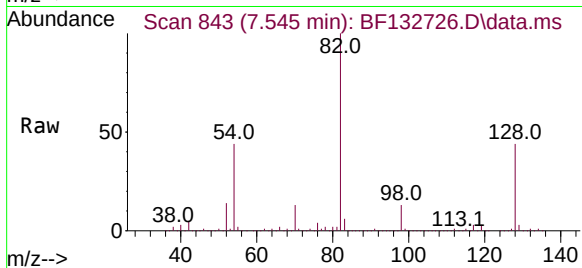
Tgt Ion: 82 Resp: 927351

Ion Ratio Lower Upper

82 100

128 43.7 32.2 48.2

54 44.3 38.4 57.6



#31

Naphthalene

Concen: 34.122 ng

RT: 8.287 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

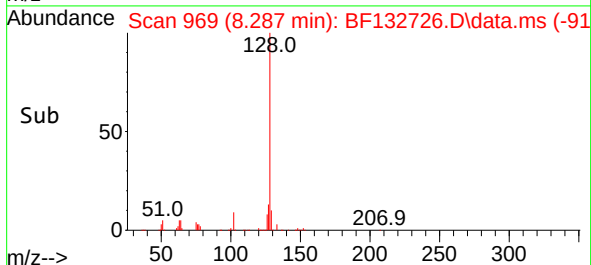
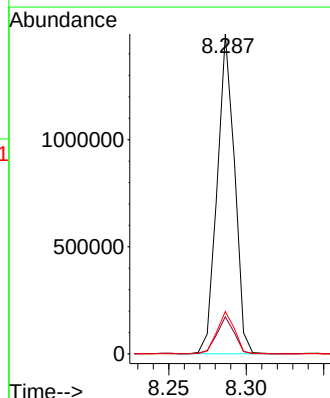
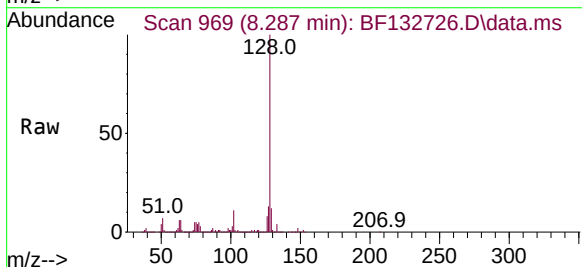
Tgt Ion: 128 Resp: 1166641

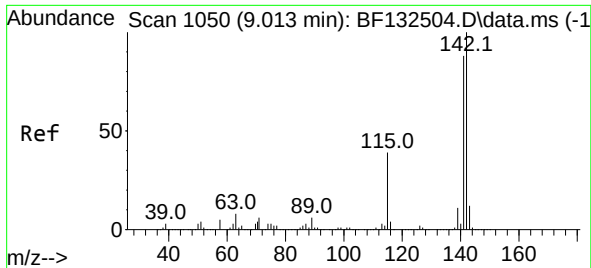
Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.2 11.0 16.6





#37

2-Methylnaphthalene

Concen: 6.580 ng

RT: 8.981 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

Instrument :

BNA_F

ClientSampleId :

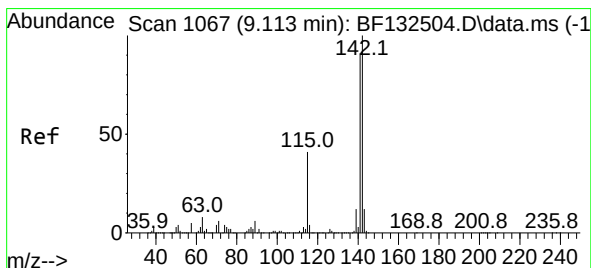
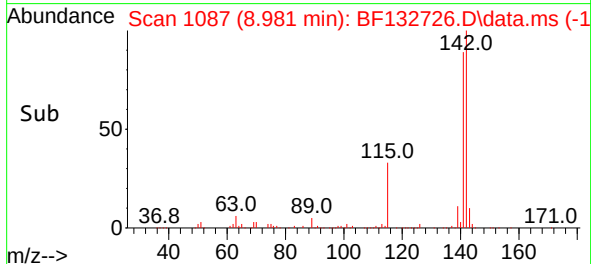
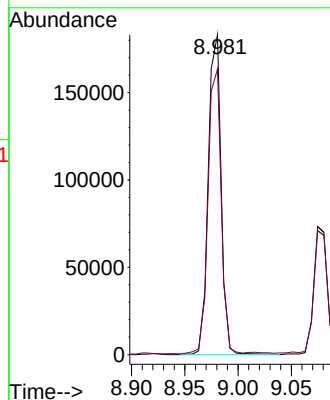
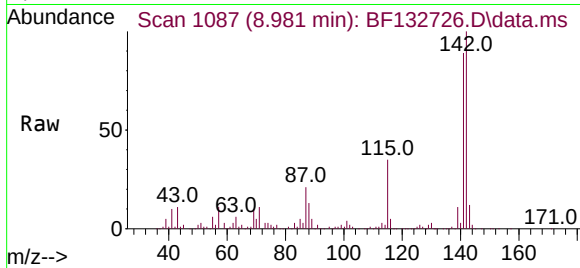
B-19-GW-01

Tgt Ion:142 Resp: 153305

Ion Ratio Lower Upper

142 100

141 89.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 2.991 ng

RT: 9.075 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BF132726.D

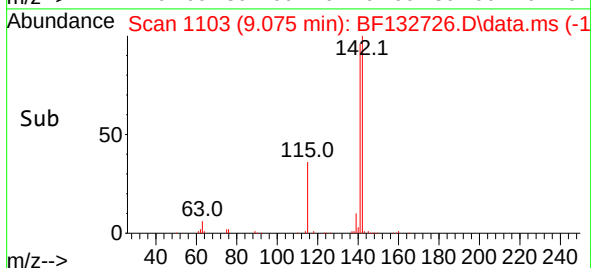
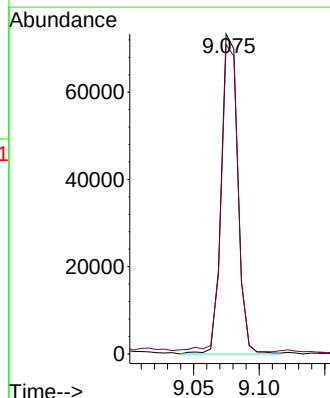
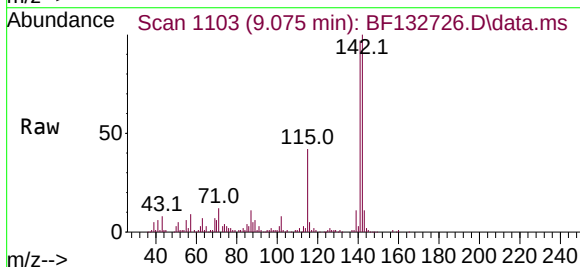
Acq: 09 Mar 2023 19:35

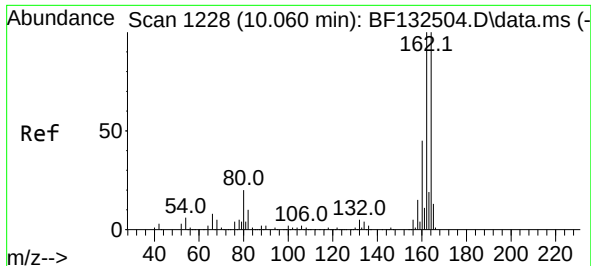
Tgt Ion:142 Resp: 65134

Ion Ratio Lower Upper

142 100

141 96.7 73.0 109.6

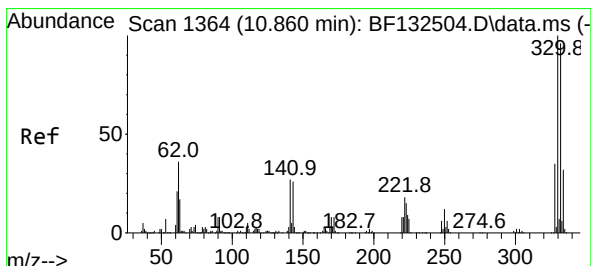
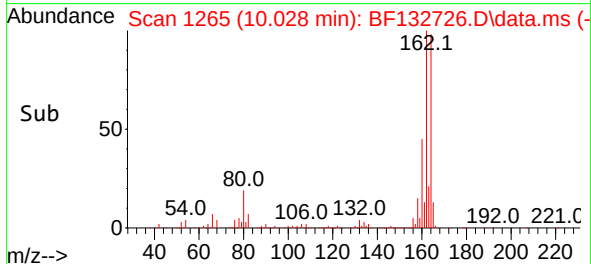
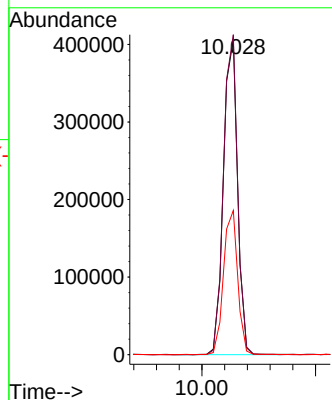
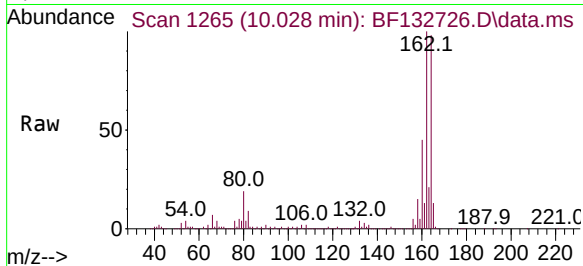




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

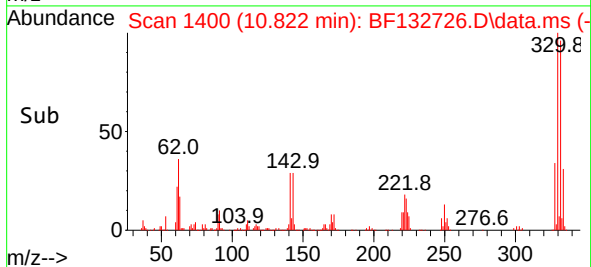
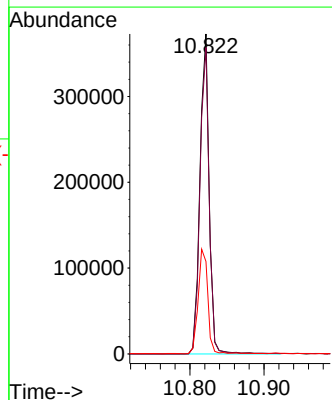
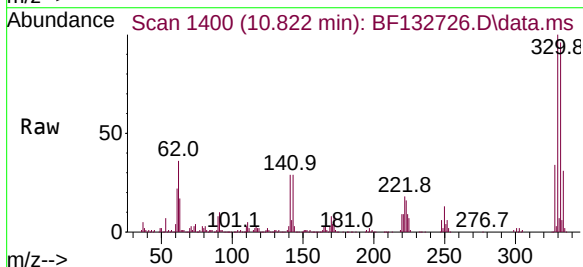
Instrument :
BNA_F
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B-19-GW-01

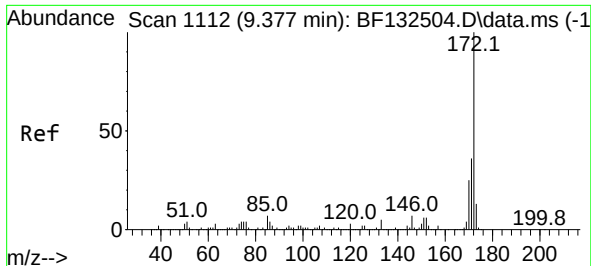
Tgt Ion:164 Resp: 348988
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 85.437 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:330 Resp: 322007
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 34.1 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 66.023 ng

RT: 9.339 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

Instrument :

BNA_F

ClientSampleId :

B-19-GW-01

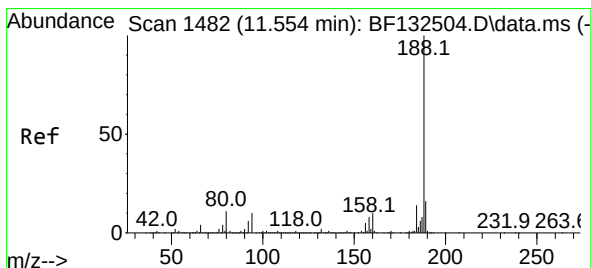
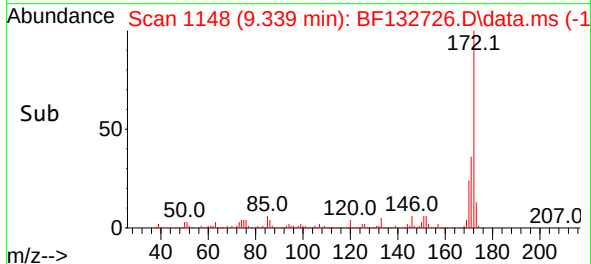
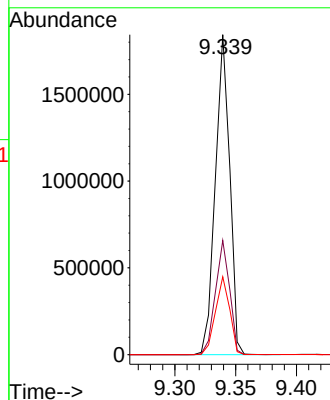
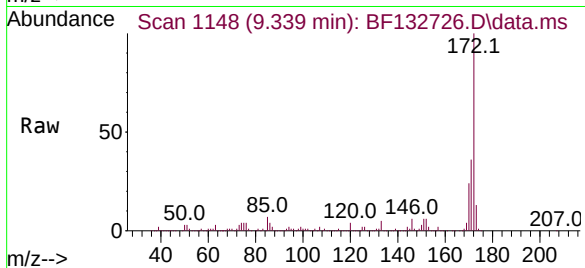
Tgt Ion:172 Resp: 1513232

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

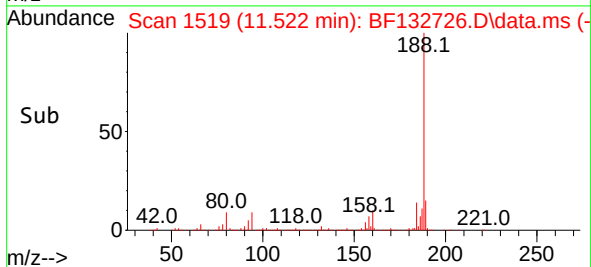
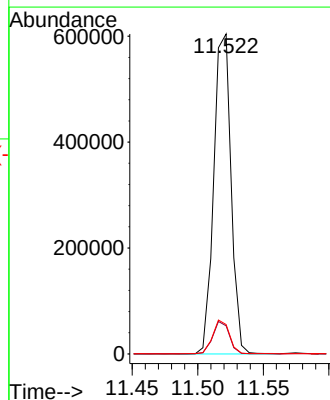
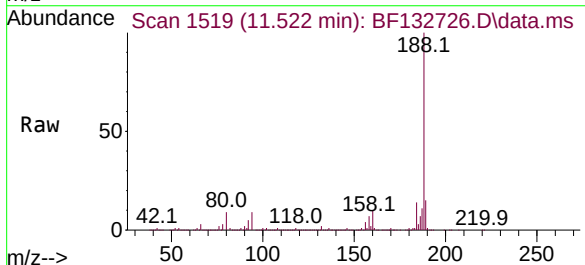
Tgt Ion:188 Resp: 557026

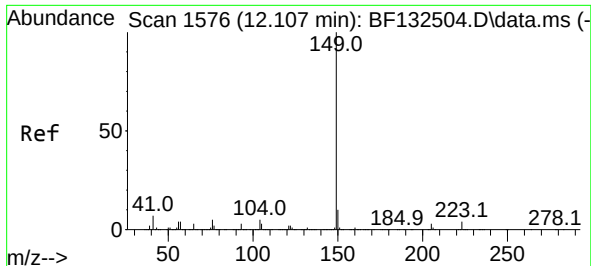
Ion Ratio Lower Upper

188 100

94 8.8 8.3 12.5

80 9.2 8.7 13.1

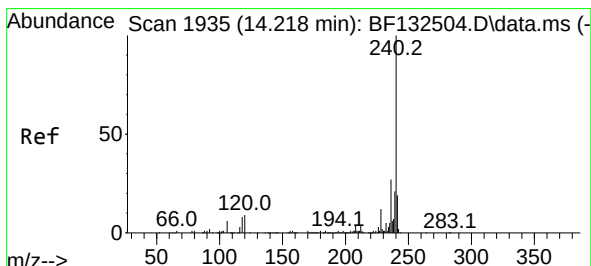
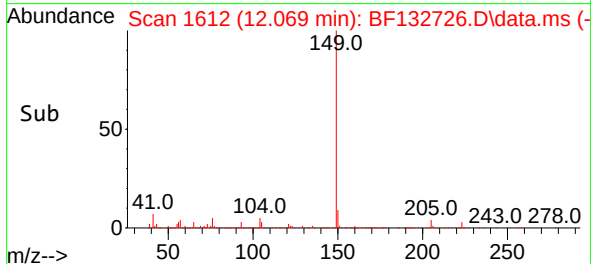
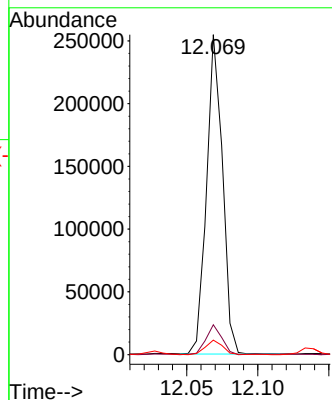
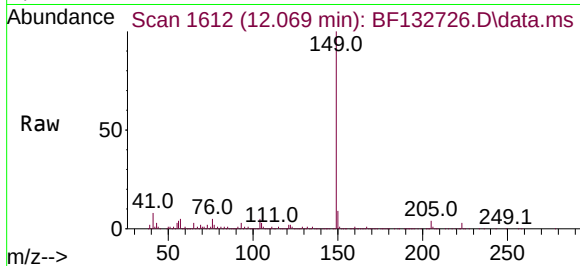




#74
Di-n-butylphthalate
Concen: 6.288 ng
RT: 12.069 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

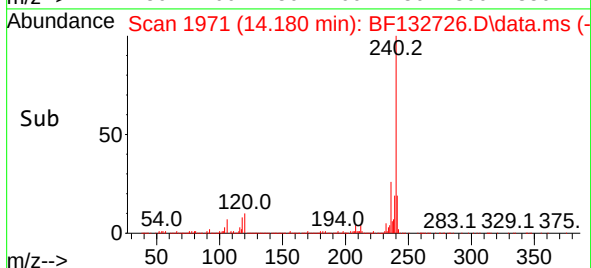
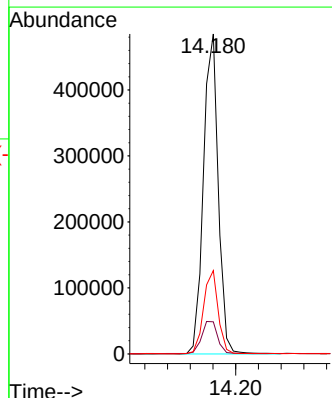
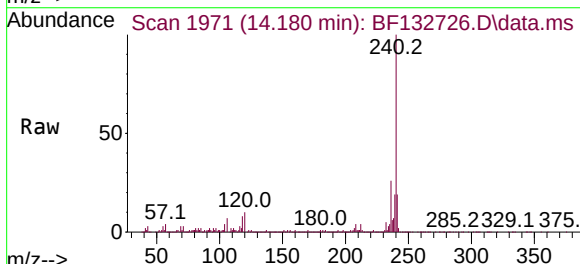
Instrument :
BNA_F
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B-19-GW-01

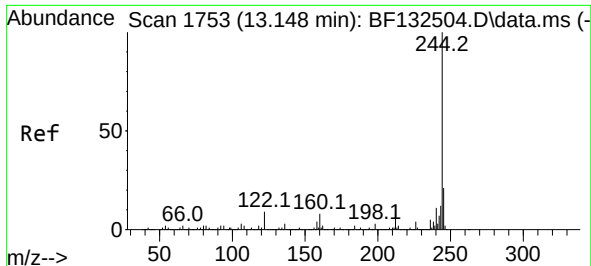
Tgt Ion:149 Resp: 197617
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.8
104 4.5 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:240 Resp: 438832
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.0 21.8 32.6

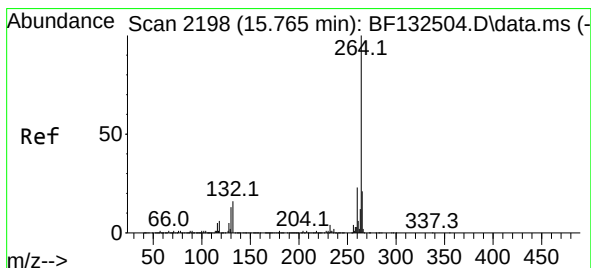
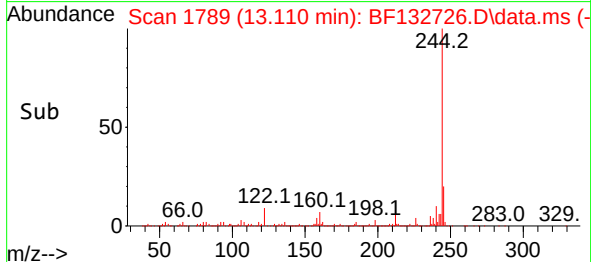
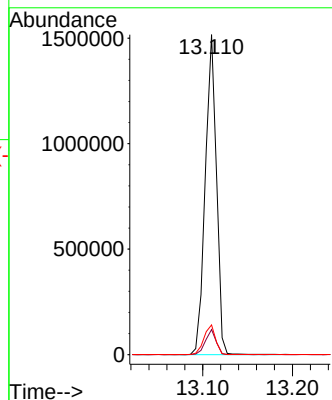
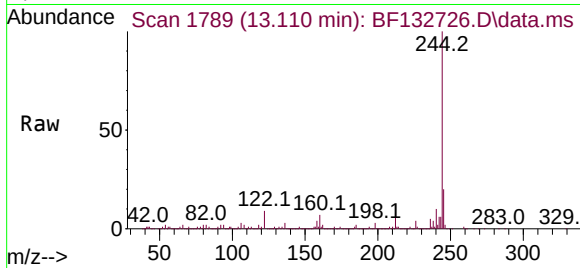




#79
 Terphenyl-d14
 Concen: 50.605 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132726.D
 Acq: 09 Mar 2023 19:35

Instrument :
 BNA_F
 ClientSampleId :
 B-19-GW-01

Tgt Ion:244 Resp: 1313448
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132726.D
 Acq: 09 Mar 2023 19:35

Tgt Ion:264 Resp: 469993
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.6 17.1 25.7

