

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135624.D
 Acq On : 06 Oct 2023 12:31
 Operator : CG\JU
 Sample : 04712-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 06 12:49:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

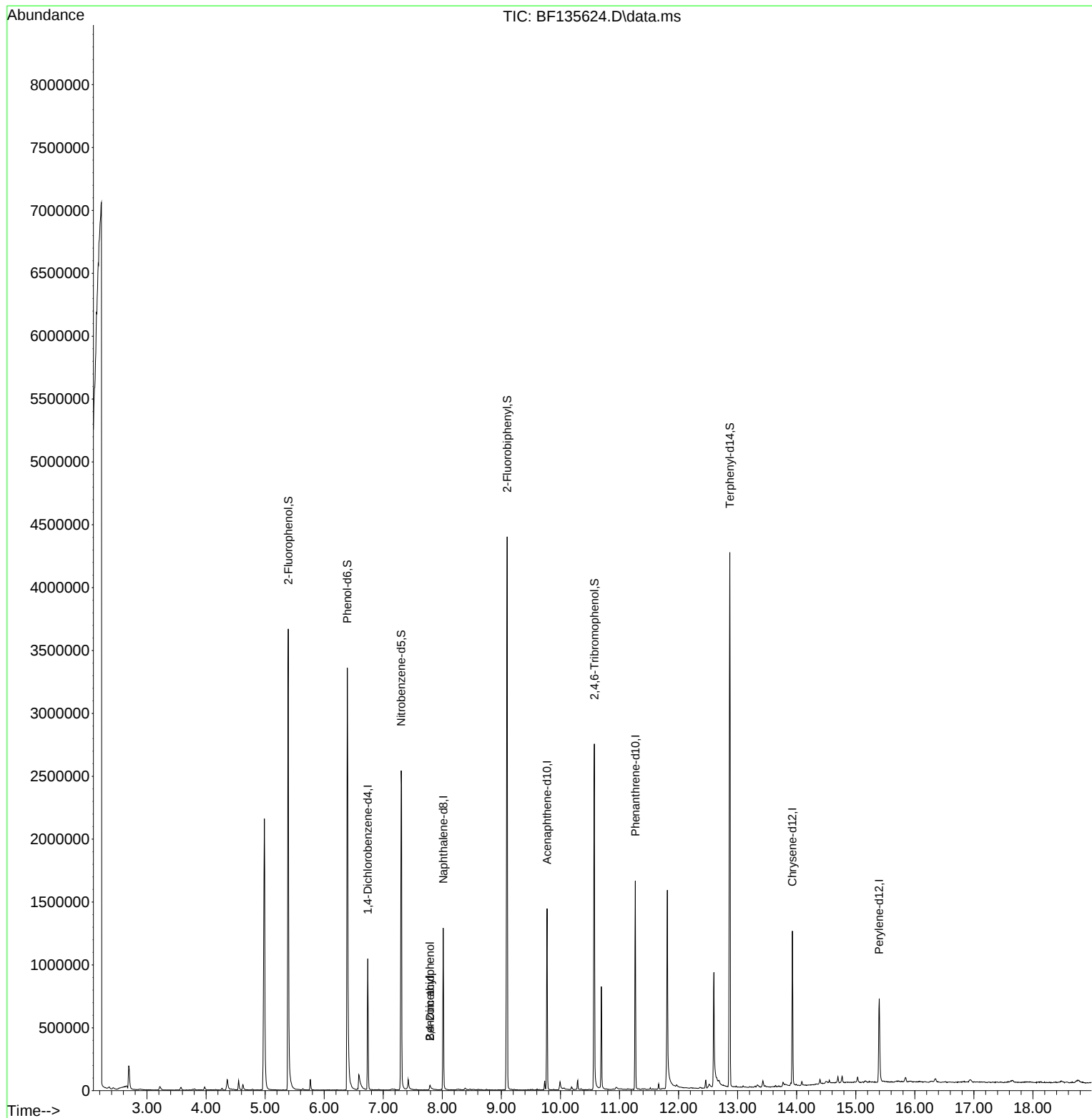
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146812	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	564233	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	288901	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	575485	20.000	ng	0.00
76) Chrysene-d12	13.927	240	392018	20.000	ng	0.00
86) Perylene-d12	15.398	264	324187	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1073959	118.978	ng	0.02
7) Phenol-d6	6.392	99	1302969	113.521	ng	0.00
23) Nitrobenzene-d5	7.304	82	919786	88.565	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	353471	123.119	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1524282	79.602	ng	0.00
79) Terphenyl-d14	12.868	244	1703817	67.376	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.792	122	15794	1.907	ng	# 4
32) Benzoic acid	7.792	122	15794	2.533	ng	88

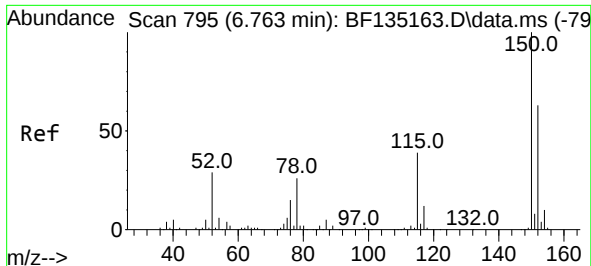
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

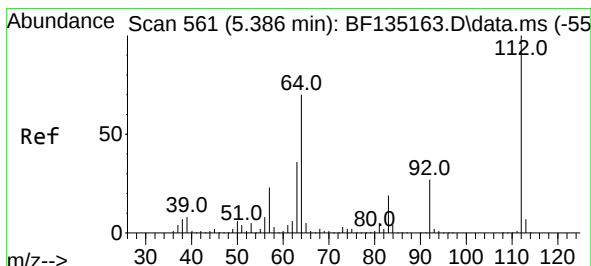
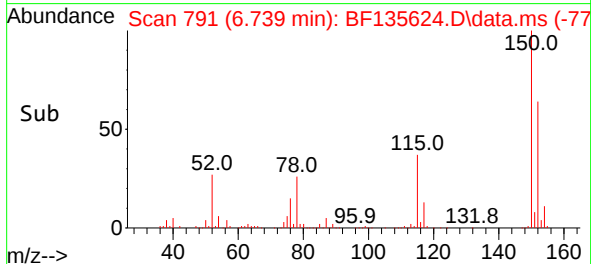
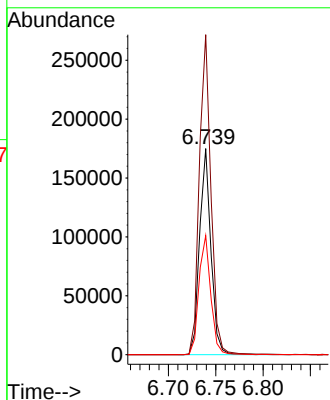
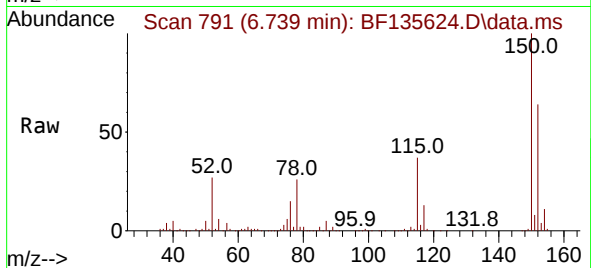




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135624.D
Acq: 06 Oct 2023 12:31

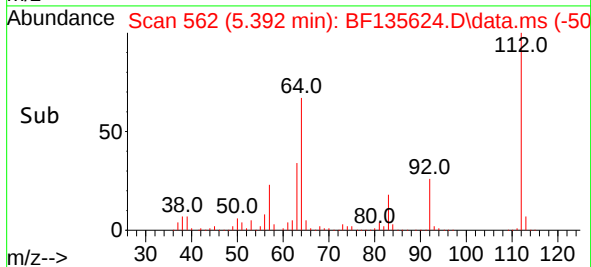
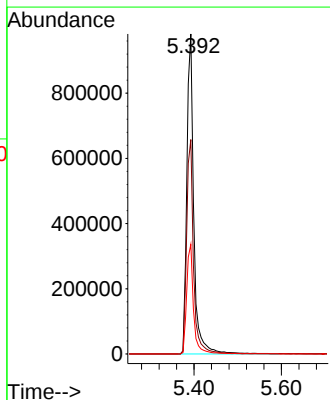
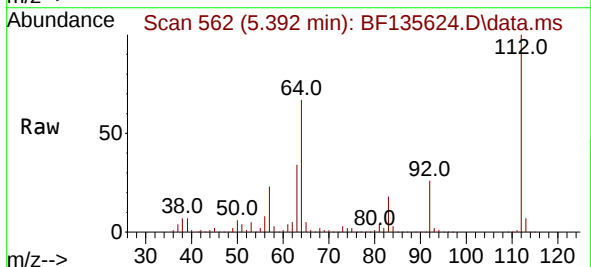
Instrument :
BNA_F
ClientSampleId :
WC-1

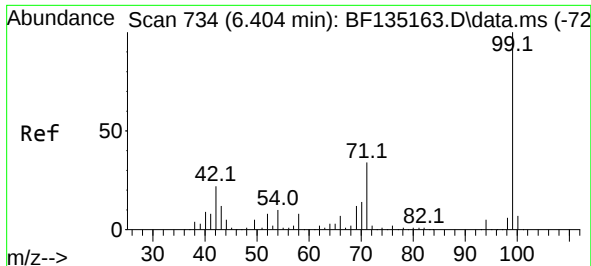
Tgt Ion:152 Resp: 146812
Ion Ratio Lower Upper
152 100
150 155.2 127.8 191.6
115 57.7 49.8 74.8



#5
2-Fluorophenol
Concen: 118.978 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135624.D
Acq: 06 Oct 2023 12:31

Tgt Ion:112 Resp: 1073959
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 34.3 29.0 43.6





#7

Phenol-d6

Concen: 113.521 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

Instrument :

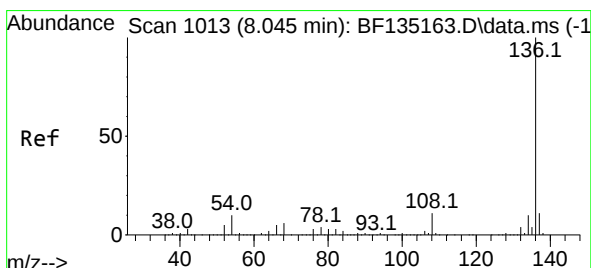
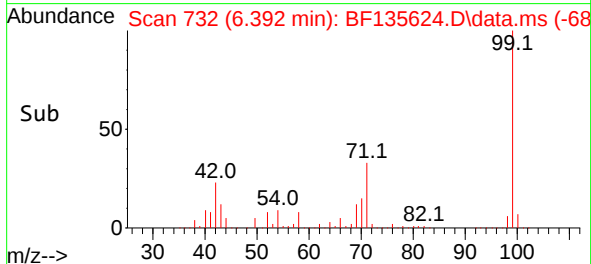
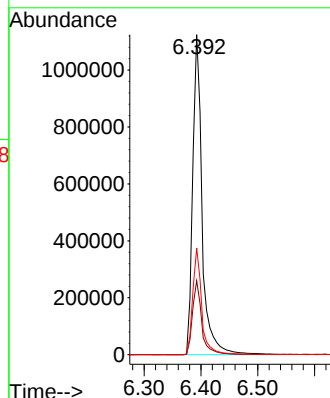
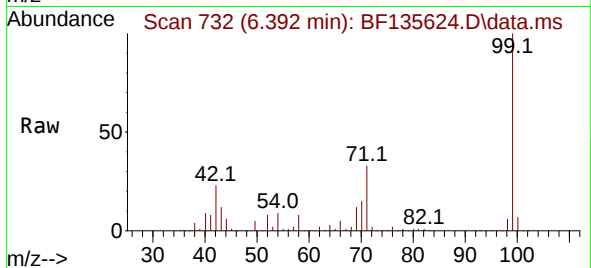
BNA_F

ClientSampleId :

WC-1

Tgt Ion: 99 Resp: 1302969

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.3	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

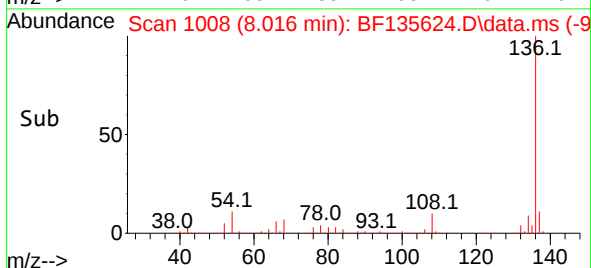
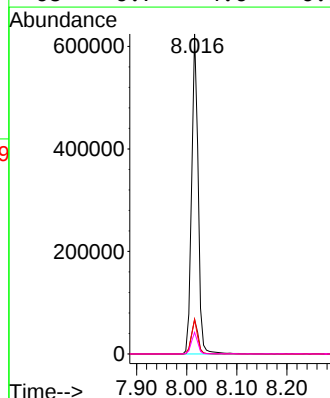
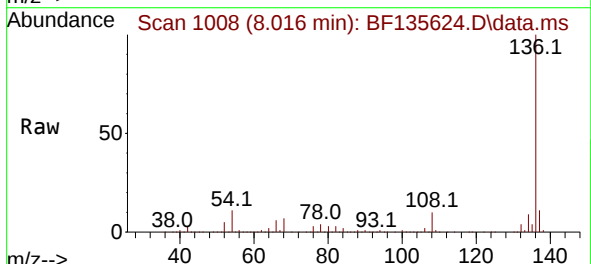
Delta R.T. 0.000 min

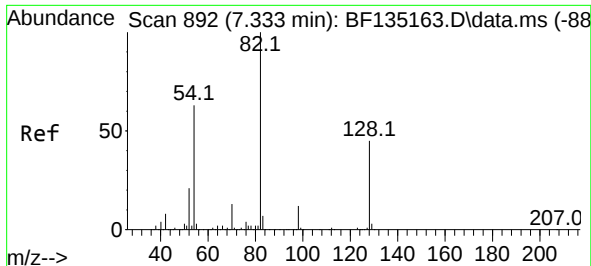
Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

Tgt Ion:136 Resp: 564233

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.8	7.7	11.5
68	6.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 88.565 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

Instrument :

BNA_F

ClientSampleId :

WC-1

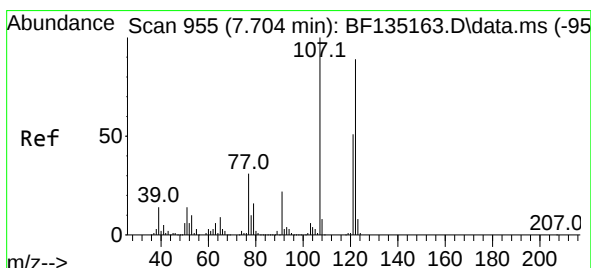
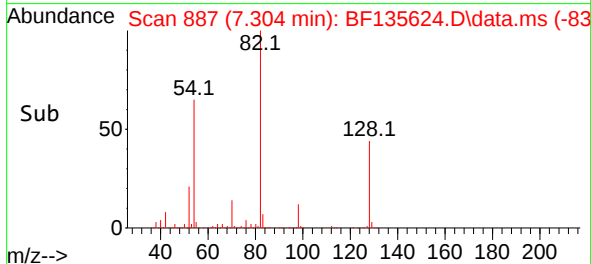
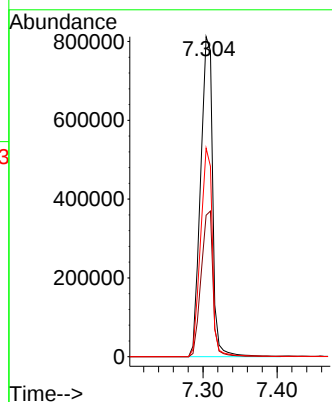
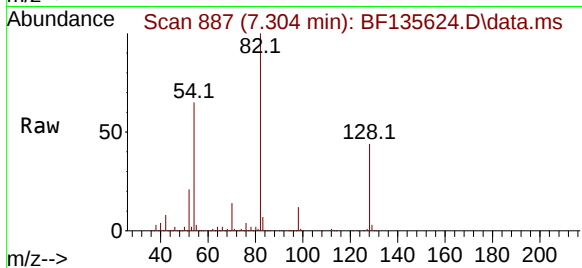
Tgt Ion: 82 Resp: 919786

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 65.1 50.6 76.0



#27

2,4-Dimethylphenol

Concen: 1.907 ng

RT: 7.792 min Scan# 970

Delta R.T. 0.112 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

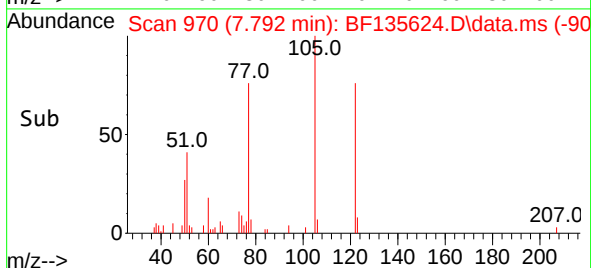
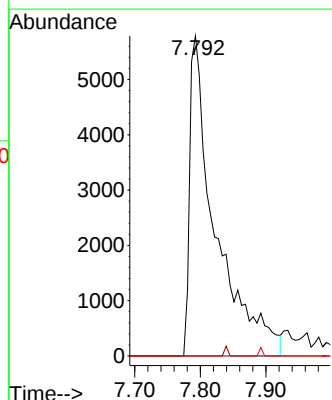
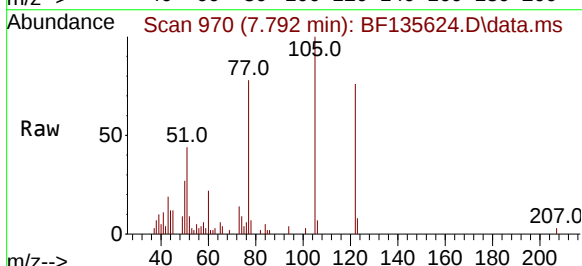
Tgt Ion: 122 Resp: 15794

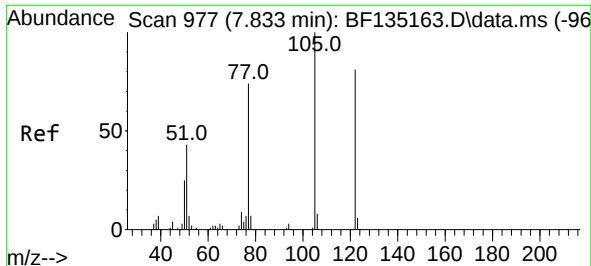
Ion Ratio Lower Upper

122 100

107 0.0 90.2 135.4#

121 0.0 46.3 69.5#

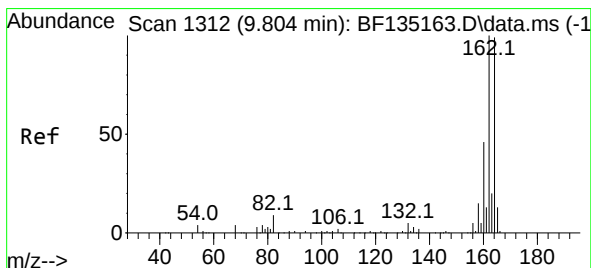
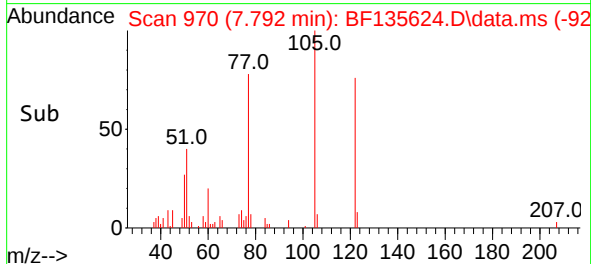
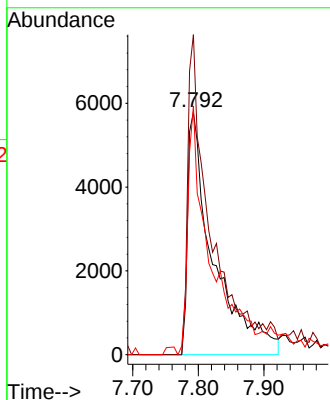
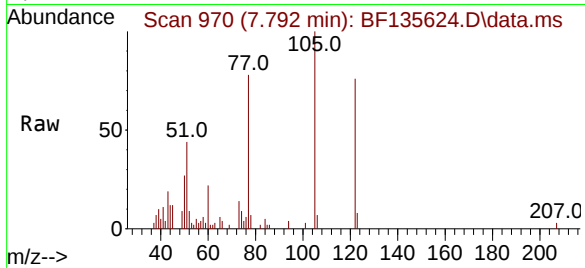




#32
Benzoic acid
Concen: 2.533 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF135624.D
Acq: 06 Oct 2023 12:31

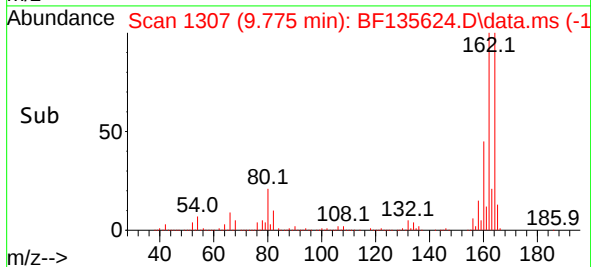
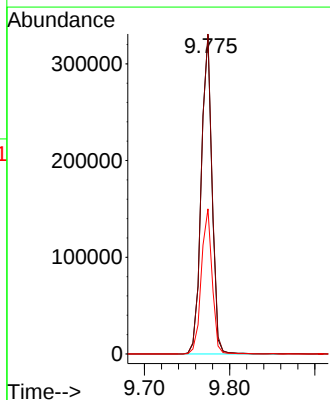
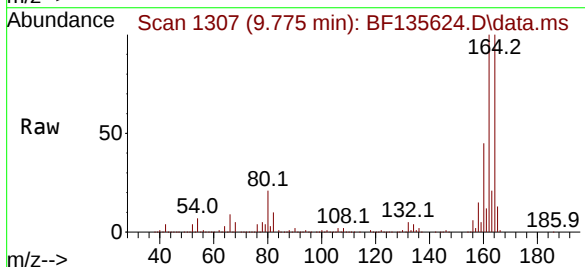
Instrument :
BNA_F
ClientSampleId :
WC-1

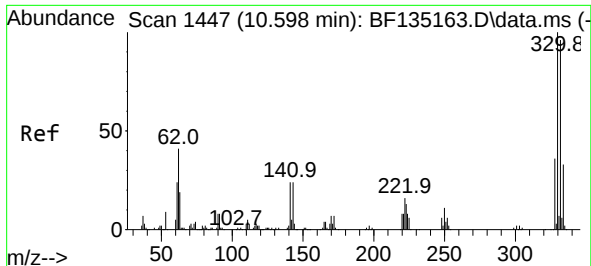
Tgt Ion:122 Resp: 15794
Ion Ratio Lower Upper
122 100
105 132.0 99.9 139.9
77 102.6 70.0 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135624.D
Acq: 06 Oct 2023 12:31

Tgt Ion:164 Resp: 288901
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 123.119 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

Instrument :

BNA_F

ClientSampleId :

WC-1

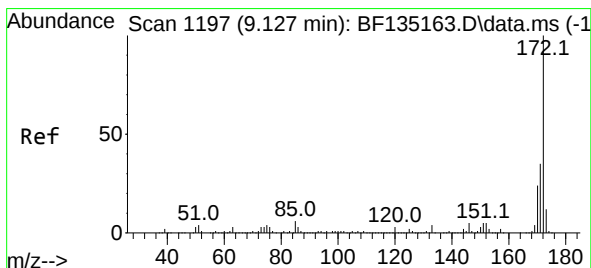
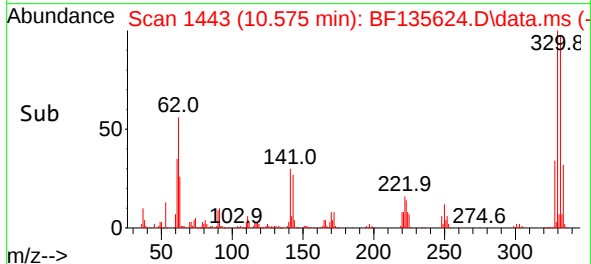
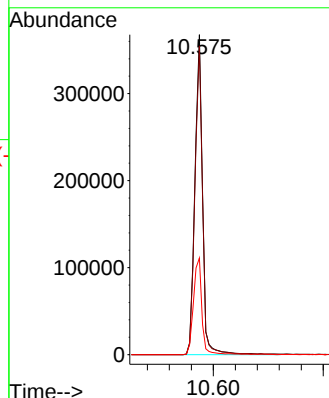
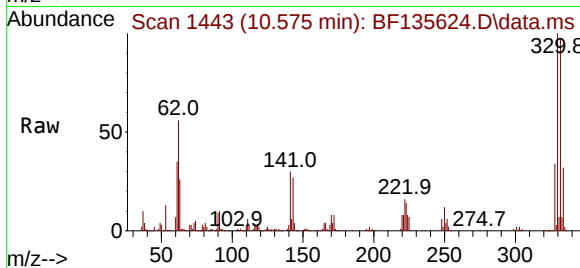
Tgt Ion:330 Resp: 353471

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.602 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

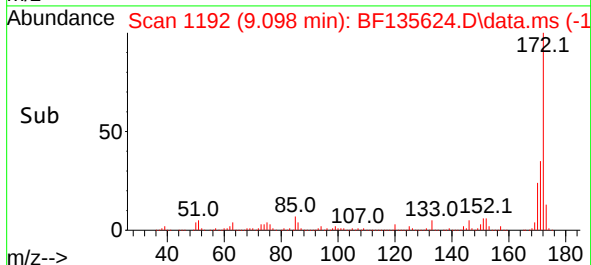
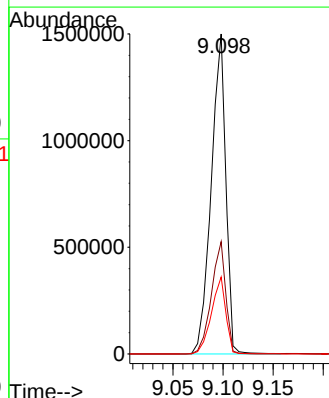
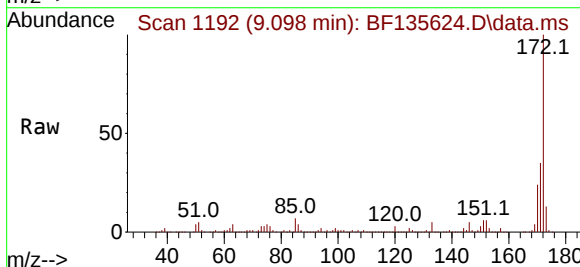
Tgt Ion:172 Resp: 1524282

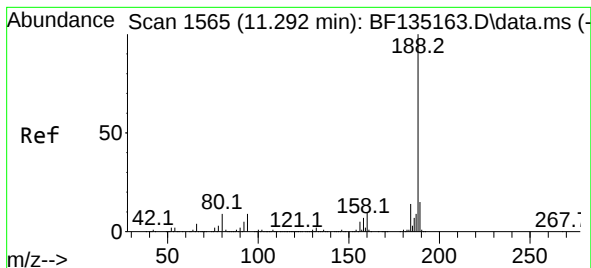
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

Instrument :

BNA_F

ClientSampleId :

WC-1

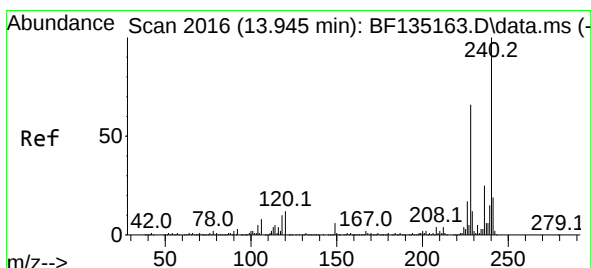
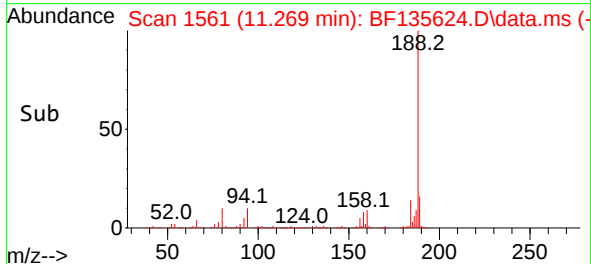
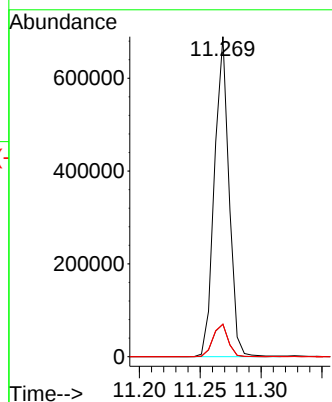
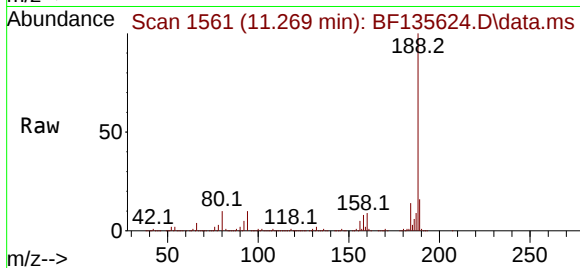
Tgt Ion:188 Resp: 575485

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF135624.D

Acq: 06 Oct 2023 12:31

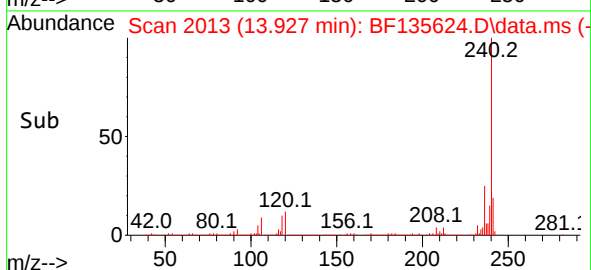
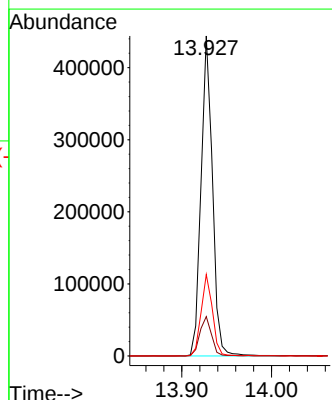
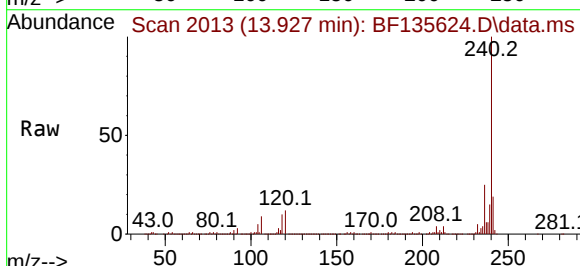
Tgt Ion:240 Resp: 392018

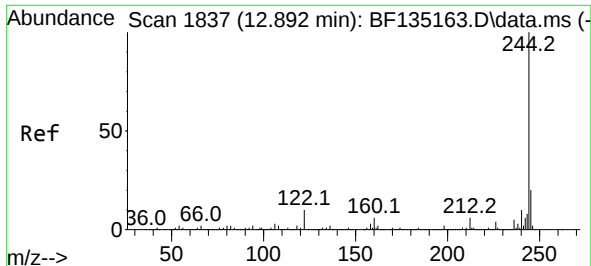
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

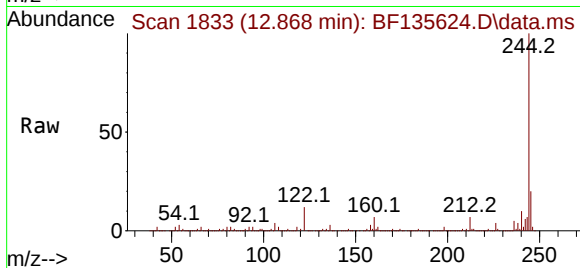
236 25.4 19.8 29.8



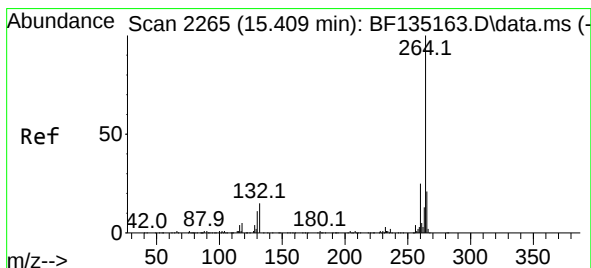
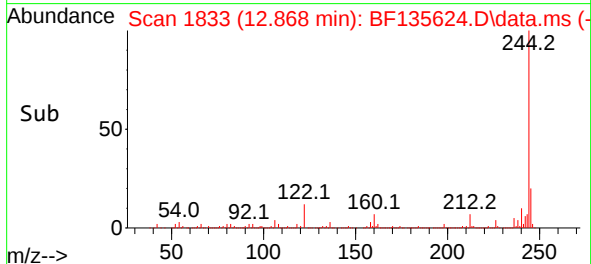
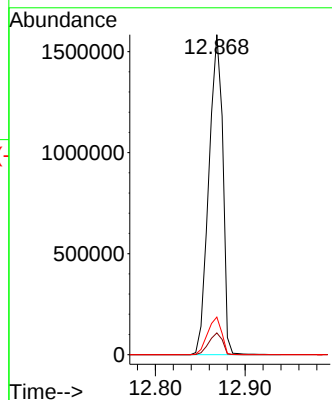


#79
 Terphenyl-d14
 Concen: 67.376 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135624.D
 Acq: 06 Oct 2023 12:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 1703817
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135624.D
 Acq: 06 Oct 2023 12:31

Tgt Ion:264 Resp: 324187
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.7 17.0 25.4

