

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133554.D
 Acq On : 31 May 2023 23:10
 Operator : CG\JU
 Sample : 02971-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC15

Quant Time: Jun 01 02:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	135498	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	515699	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	254714	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	491868	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	291581	20.000	ng	-0.01
86) Perylene-d12	15.451	264	335856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	703733	86.655	ng	0.00
7) Phenol-d6	6.451	99	898473	89.873	ng	-0.01
23) Nitrobenzene-d5	7.392	82	540977	70.041	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	246882	97.235	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	985993	59.746	ng	0.00
79) Terphenyl-d14	12.945	244	1013515	61.801	ng	0.00

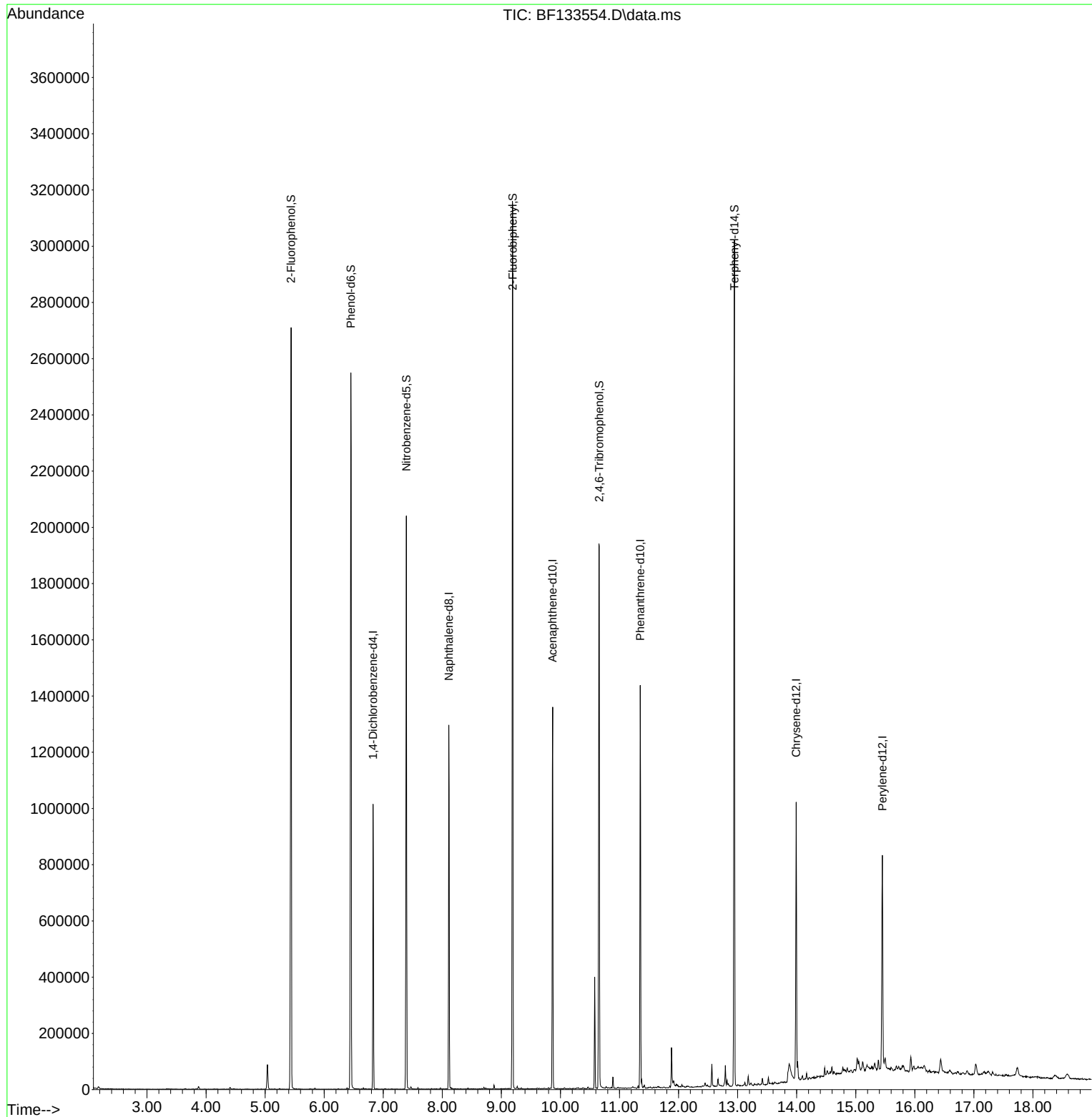
Target Compounds	Qvalue

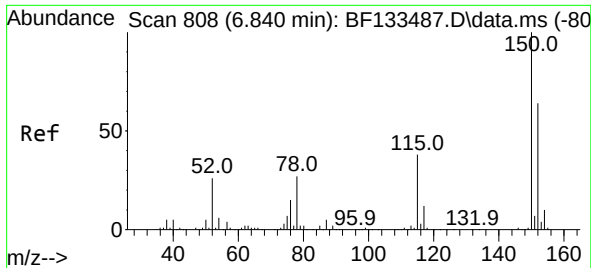
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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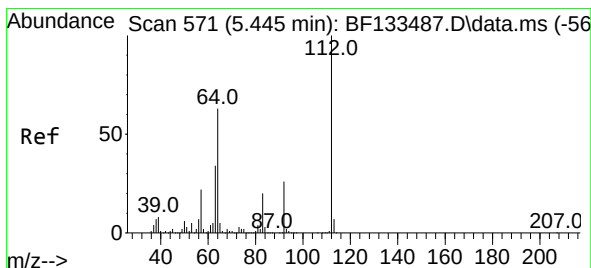
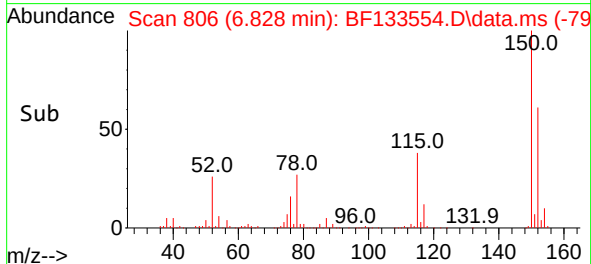
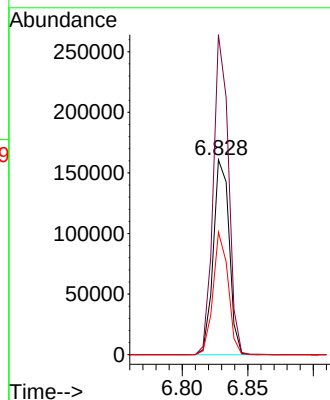
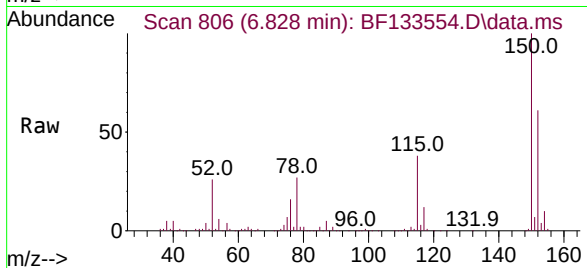




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

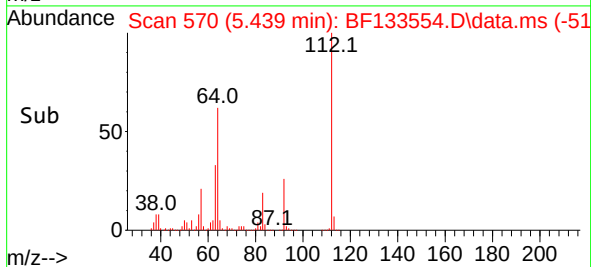
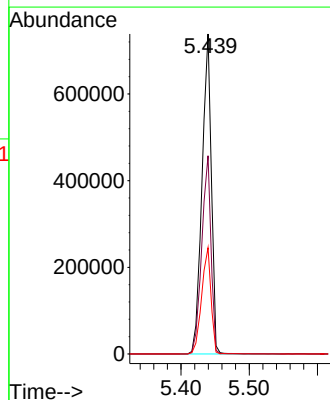
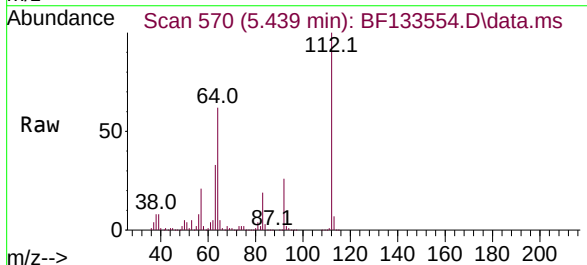
Instrument :
BNA_F
ClientSampleId :
WC15

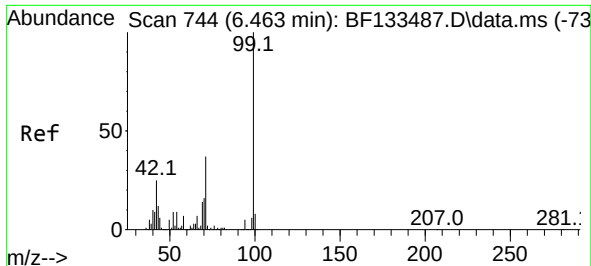
Tgt Ion:152 Resp: 135498
Ion Ratio Lower Upper
152 100
150 164.3 124.9 187.3
115 62.9 48.1 72.1



#5
2-Fluorophenol
Concen: 86.655 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

Tgt Ion:112 Resp: 703733
Ion Ratio Lower Upper
112 100
64 62.0 50.1 75.1
63 33.2 27.5 41.3

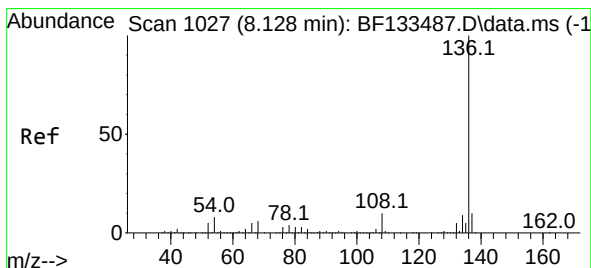
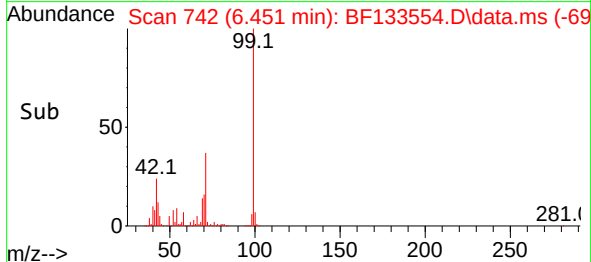
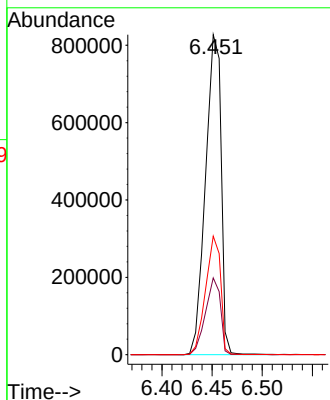
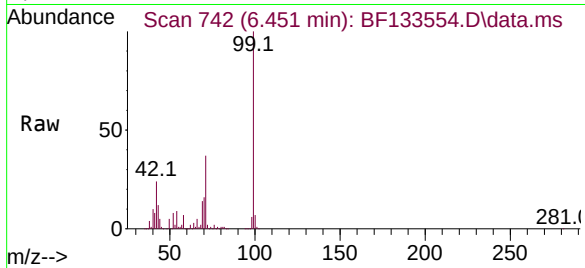




#7
Phenol-d6
Concen: 89.873 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

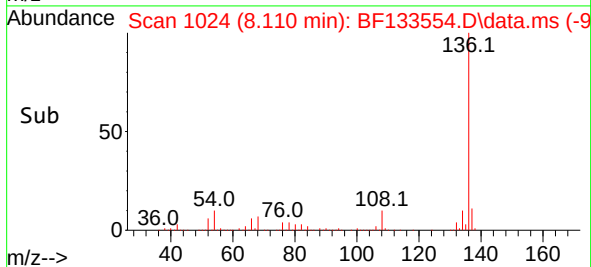
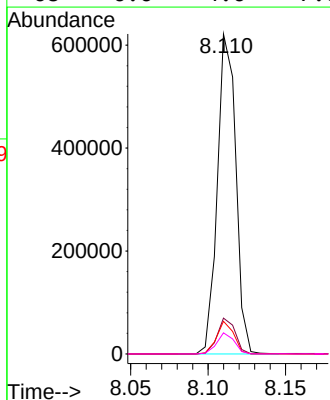
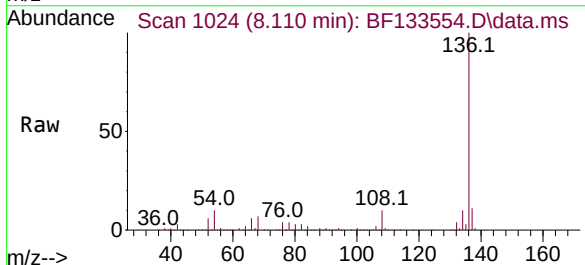
Instrument :
BNA_F
ClientSampleId :
WC15

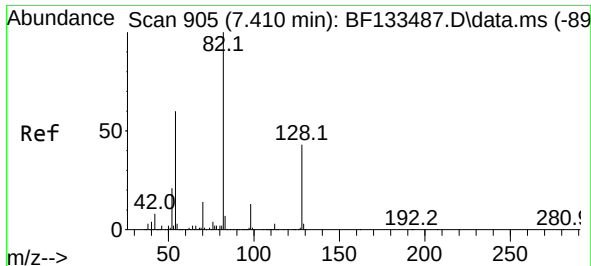
Tgt Ion: 99 Resp: 898473
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 37.1 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

Tgt Ion: 136 Resp: 515699
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 10.2 6.6 10.0#
68 6.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 70.041 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133554.D

Acq: 31 May 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC15

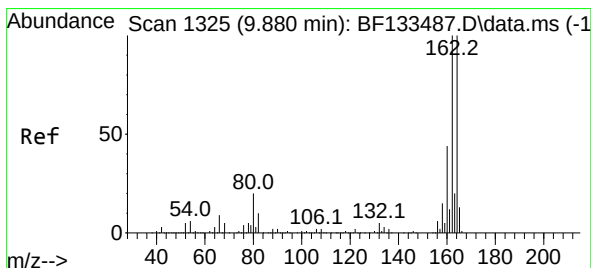
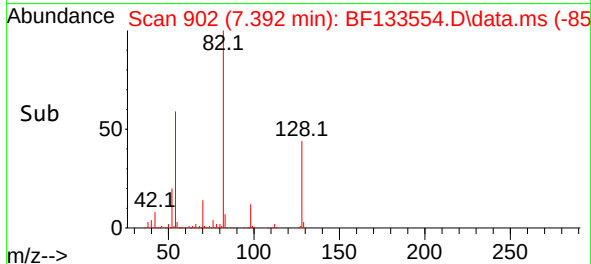
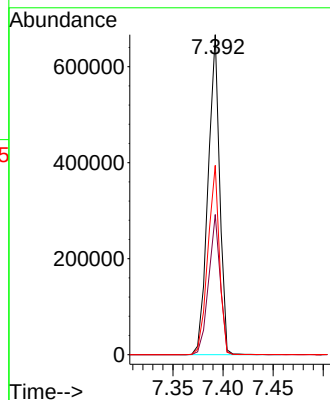
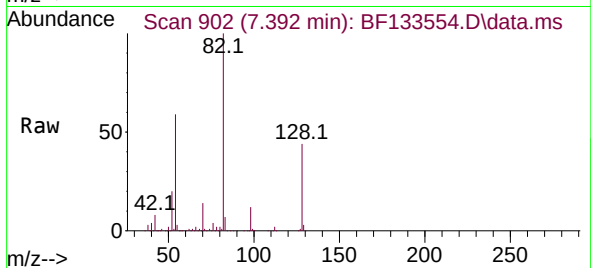
Tgt Ion: 82 Resp: 540977

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 59.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133554.D

Acq: 31 May 2023 23:10

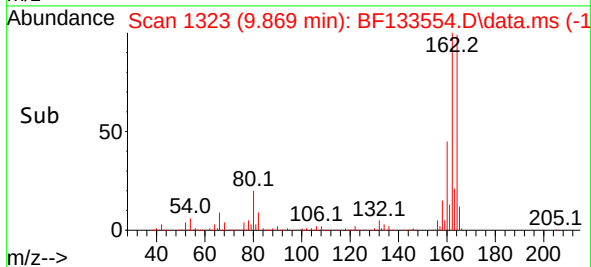
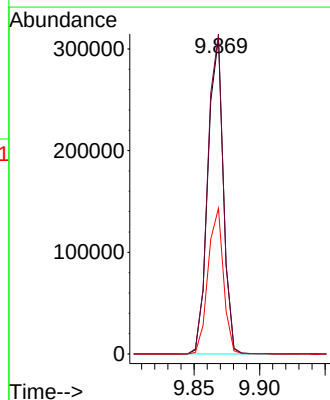
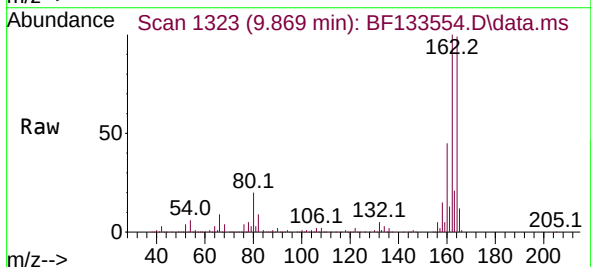
Tgt Ion: 164 Resp: 254714

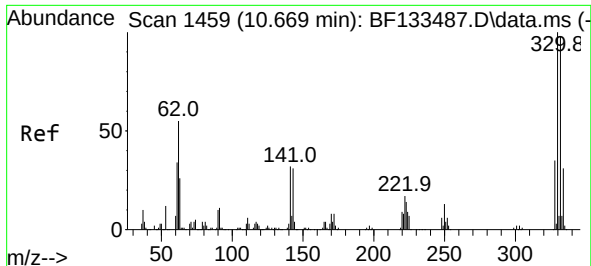
Ion Ratio Lower Upper

164 100

162 101.3 79.7 119.5

160 46.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 97.235 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133554.D

Acq: 31 May 2023 23:10

Instrument :

BNA_F

ClientSampleId :

WC15

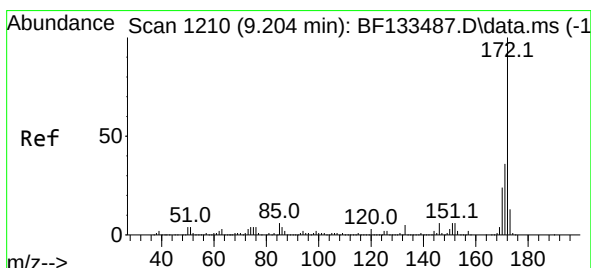
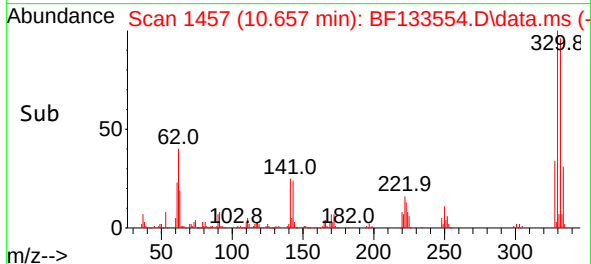
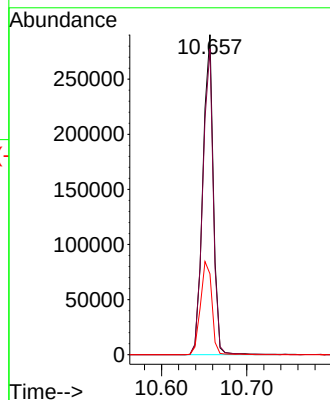
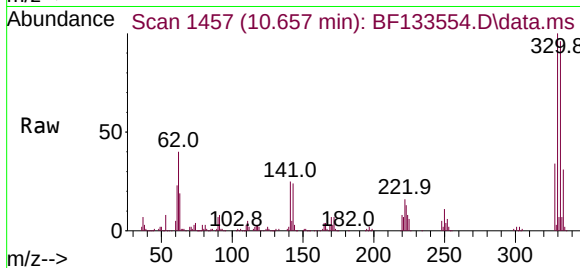
Tgt Ion:330 Resp: 246882

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 31.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 59.746 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133554.D

Acq: 31 May 2023 23:10

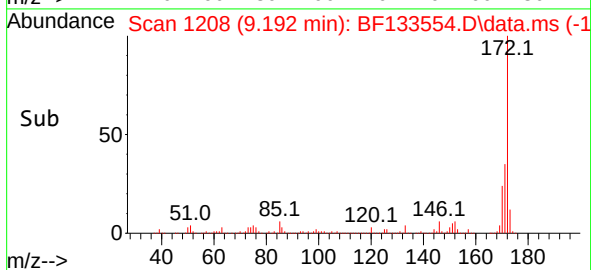
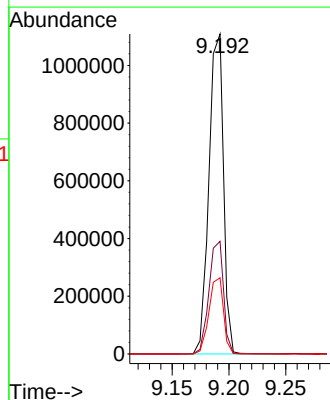
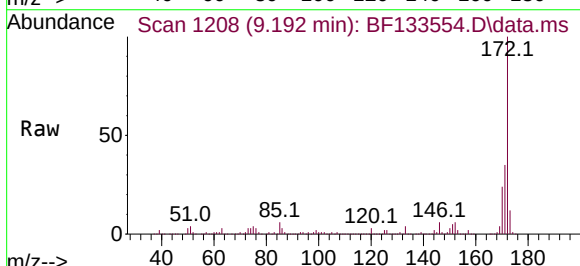
Tgt Ion:172 Resp: 985993

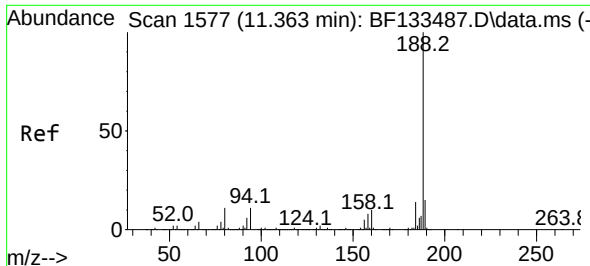
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 19.3 28.9

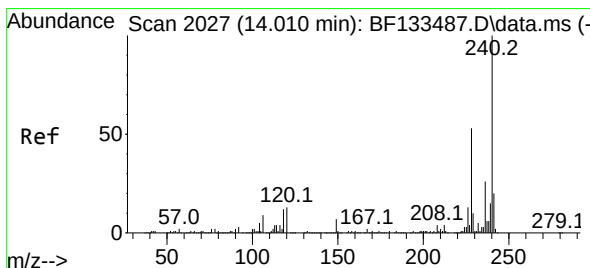
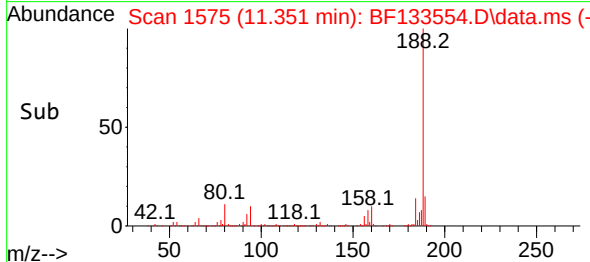
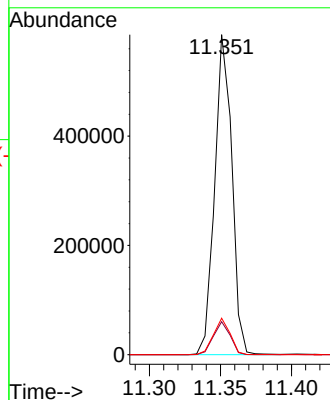
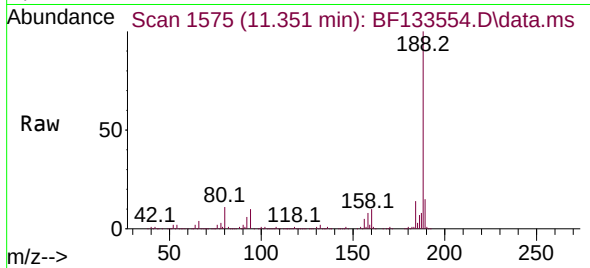




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

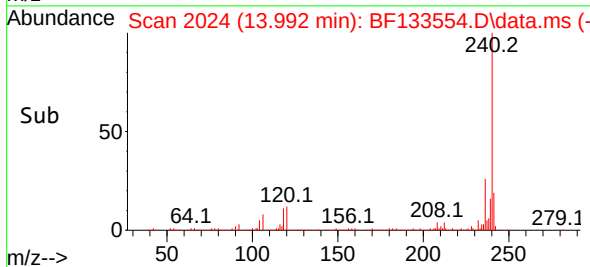
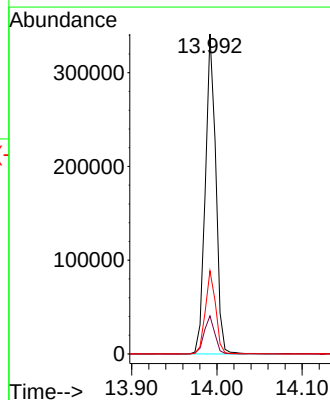
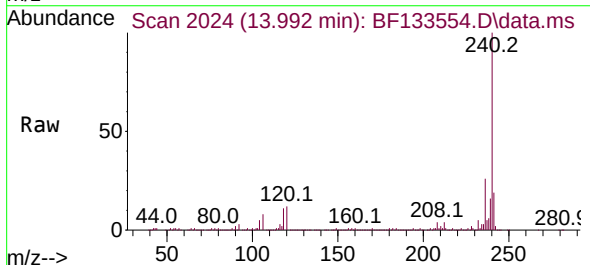
Instrument :
BNA_F
ClientSampleId :
WC15

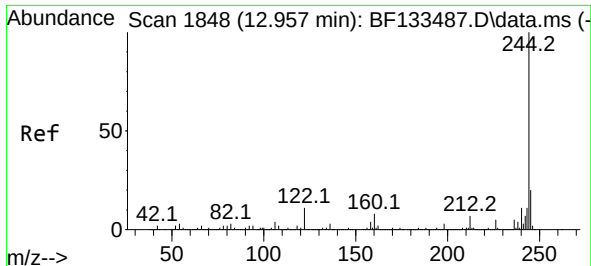
Tgt Ion:188 Resp: 491868
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 11.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133554.D
Acq: 31 May 2023 23:10

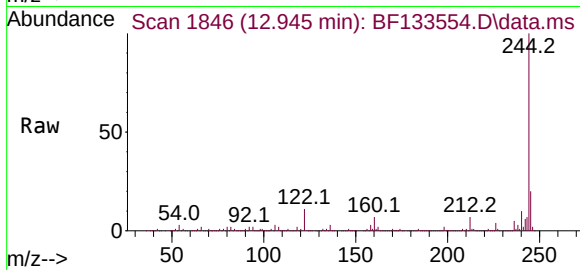
Tgt Ion:240 Resp: 291581
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 26.0 20.5 30.7



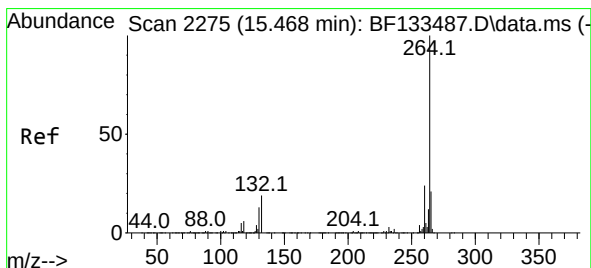
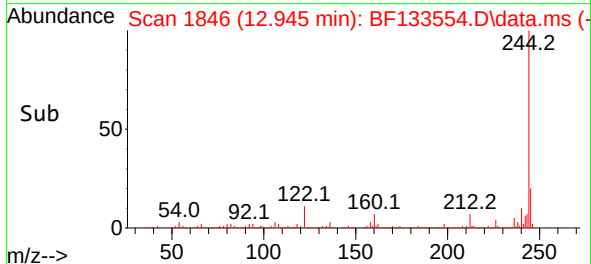
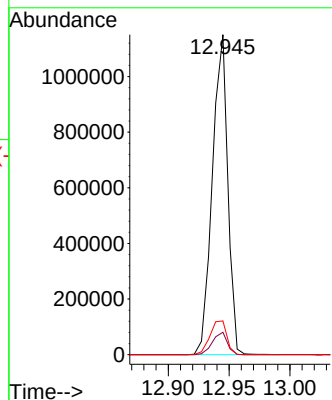


#79
 Terphenyl-d14
 Concen: 61.801 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133554.D
 Acq: 31 May 2023 23:10

Instrument :
 BNA_F
 ClientSampleId :
 WC15



Tgt Ion:244 Resp: 1013515
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133554.D
 Acq: 31 May 2023 23:10

Tgt Ion:264 Resp: 335856
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.7 16.8 25.2

