

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132131.D
 Acq On : 18 Jan 2023 22:09
 Operator : CG\JU
 Sample : 01135-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jan 19 05:23:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

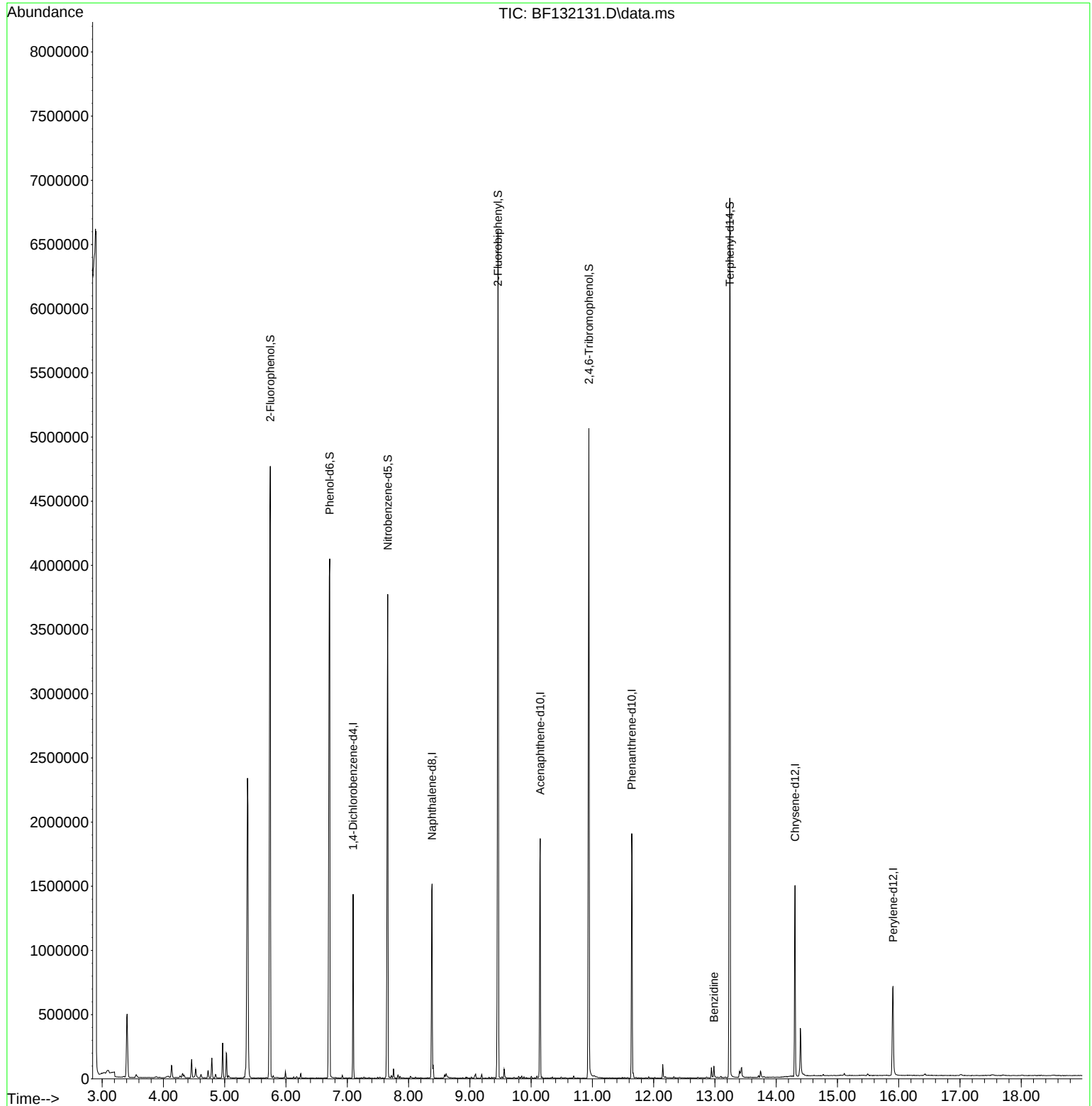
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	184408	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	675478	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	365553	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	727595	20.000	ng	0.00
76) Chrysene-d12	14.307	240	480889	20.000	ng	0.00
86) Perylene-d12	15.907	264	364804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	1410668	136.098	ng	0.02
7) Phenol-d6	6.713	99	1699432	126.915	ng	0.00
23) Nitrobenzene-d5	7.660	82	1340253	105.319	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	656708	164.193	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2178859	103.706	ng	0.00
79) Terphenyl-d14	13.242	244	2753289	92.897	ng	0.00
Target Compounds						
77) Benizidine	12.983	184	34706	2.680	ng	Qvalue 97

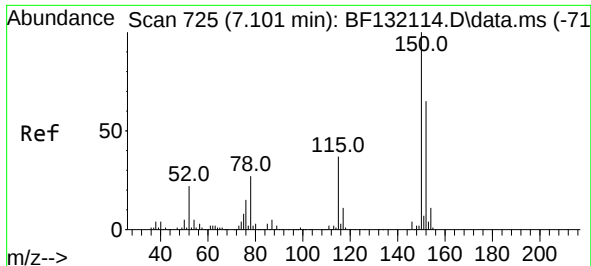
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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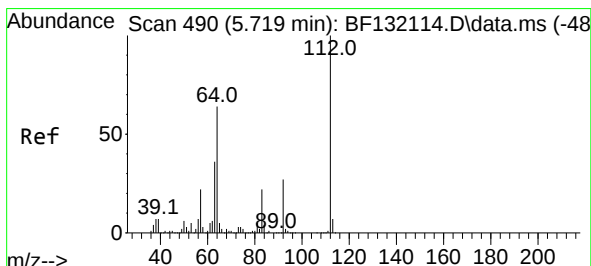
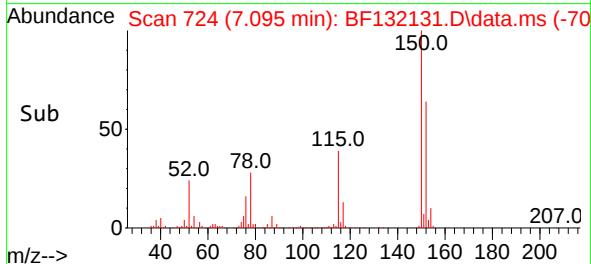
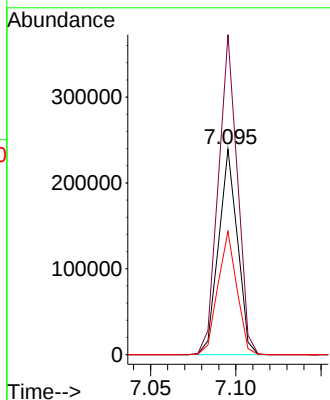
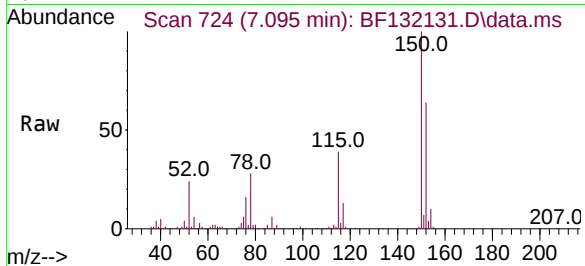




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

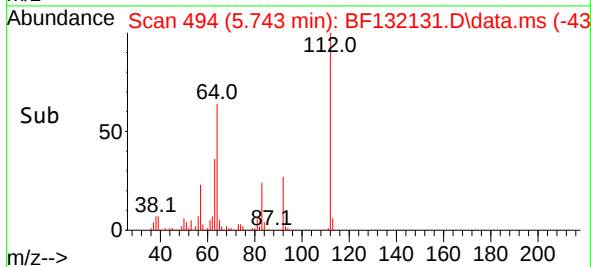
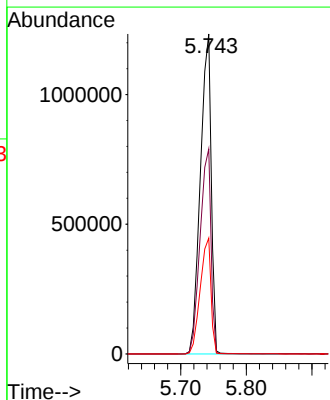
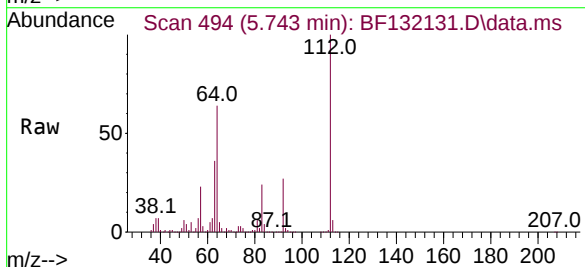
Instrument :
BNA_F
ClientSampleId :
WC-2

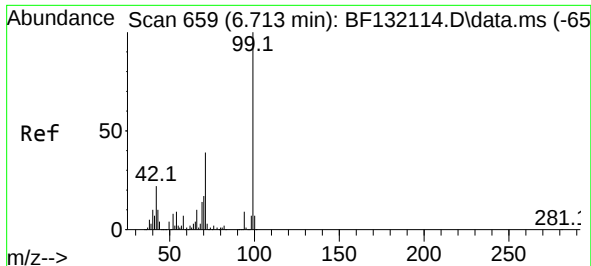
Tgt Ion:152 Resp: 184408
Ion Ratio Lower Upper
152 100
150 155.7 123.3 184.9
115 60.0 45.8 68.6



#5
2-Fluorophenol
Concen: 136.098 ng
RT: 5.743 min Scan# 494
Delta R.T. 0.024 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Tgt Ion:112 Resp: 1410668
Ion Ratio Lower Upper
112 100
64 64.1 51.0 76.6
63 36.2 28.7 43.1



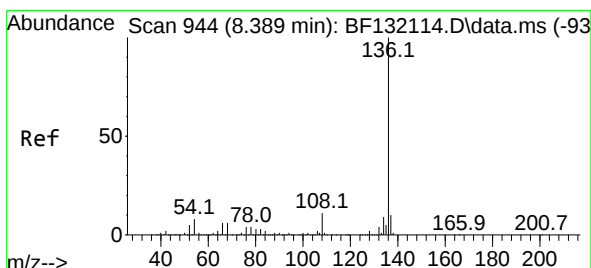
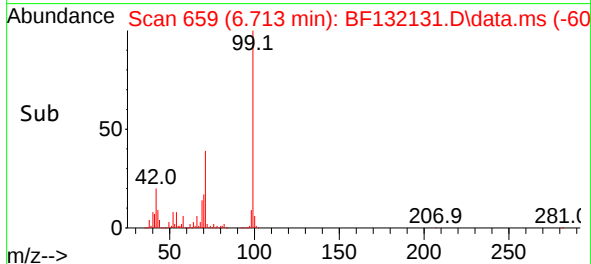
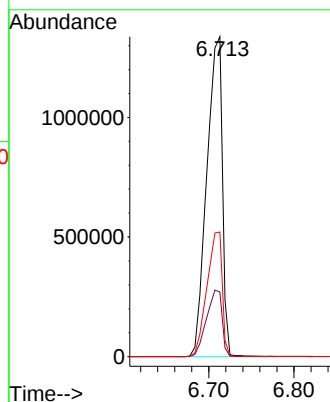
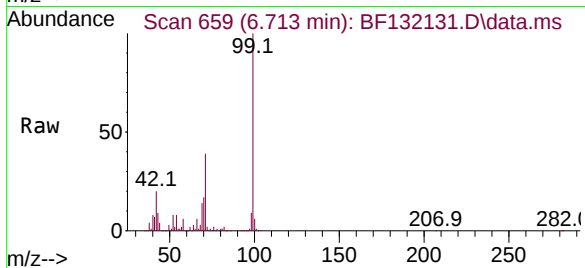


#7
Phenol-d6
Concen: 126.915 ng
RT: 6.713 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 1699432

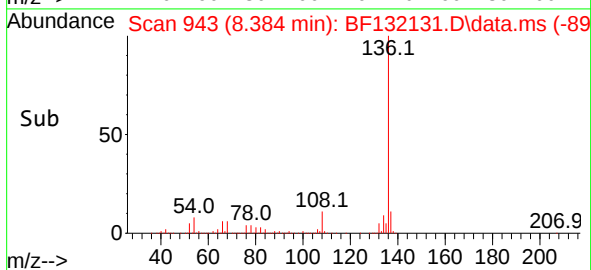
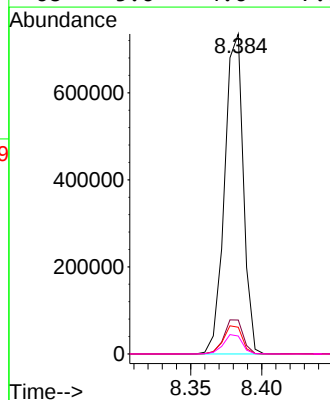
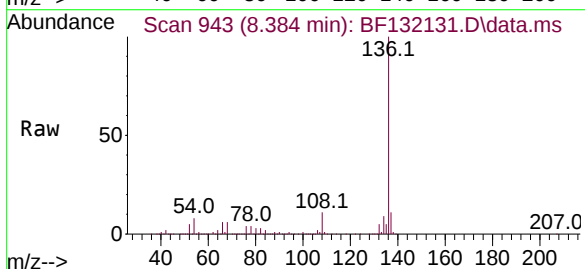
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.2	25.8
71	38.9	31.0	46.6

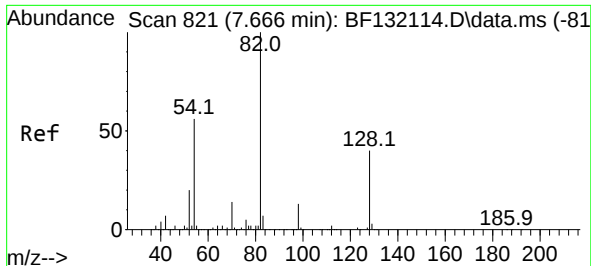


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Tgt Ion: 136 Resp: 675478

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.3	6.6	10.0
68	5.6	4.6	7.0

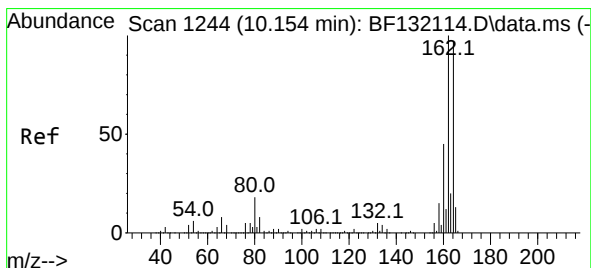
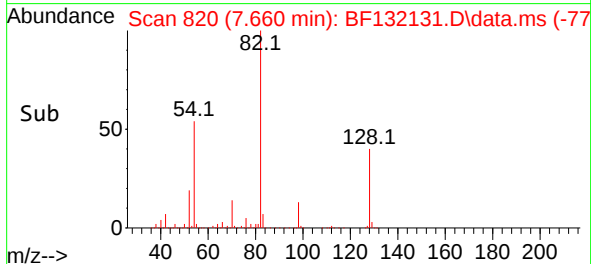
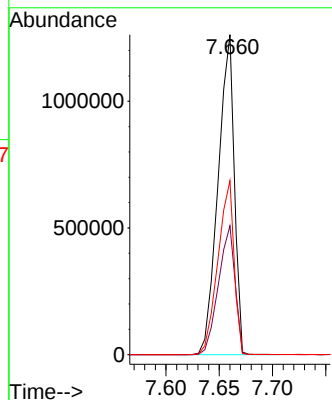
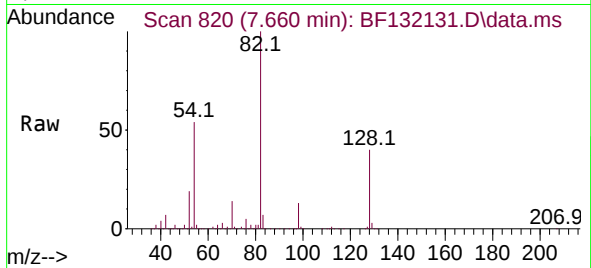




#23
Nitrobenzene-d5
Concen: 105.319 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

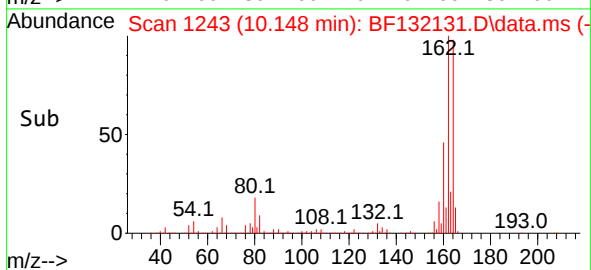
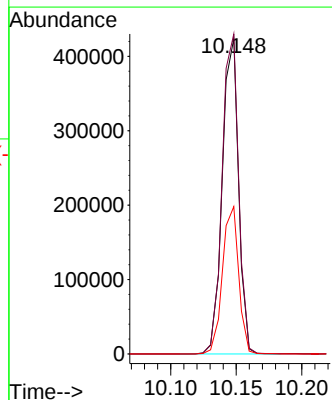
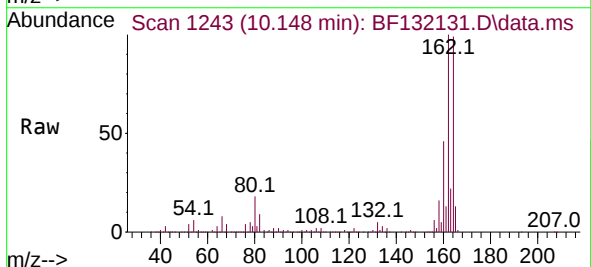
Instrument :
BNA_F
ClientSampleId :
WC-2

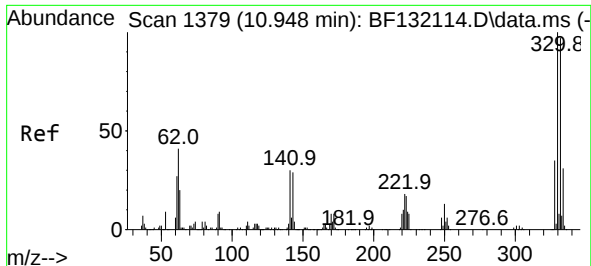
Tgt Ion: 82 Resp: 1340253
Ion Ratio Lower Upper
82 100
128 40.3 32.0 48.0
54 54.4 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Tgt Ion: 164 Resp: 365553
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 46.7 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 164.193 ng

RT: 10.942 min Scan# 1378

Delta R.T. -0.006 min

Lab File: BF132131.D

Acq: 18 Jan 2023 22:09

Instrument :

BNA_F

ClientSampleId :

WC-2

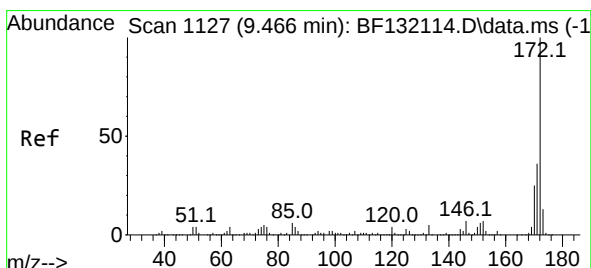
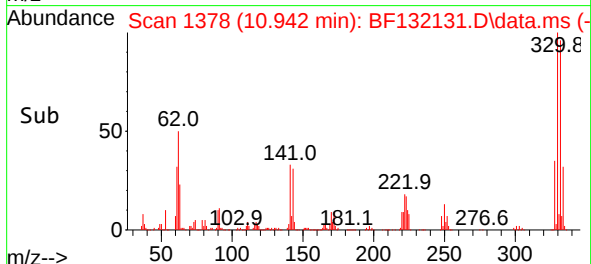
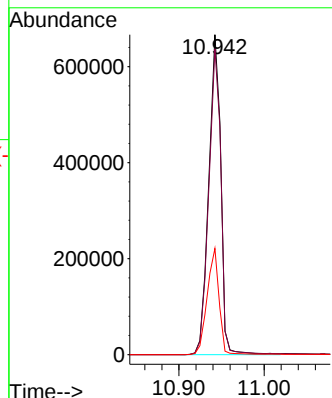
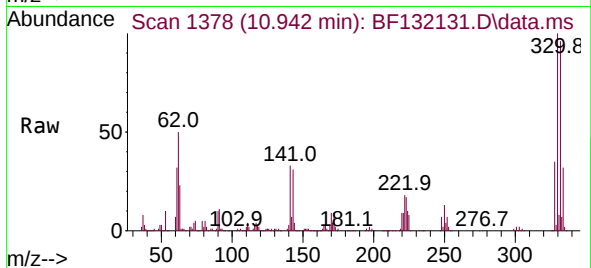
Tgt Ion:330 Resp: 656708

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 32.8 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 103.706 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132131.D

Acq: 18 Jan 2023 22:09

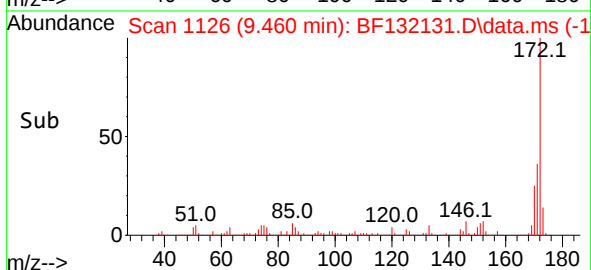
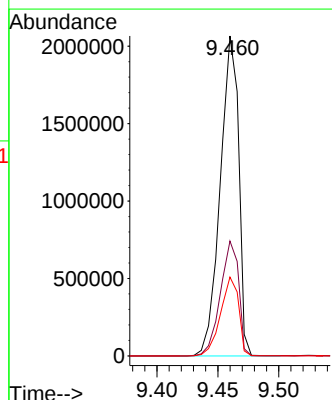
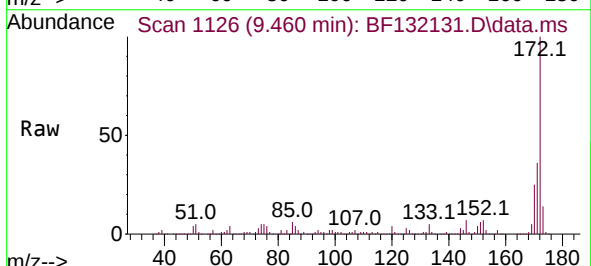
Tgt Ion:172 Resp: 2178859

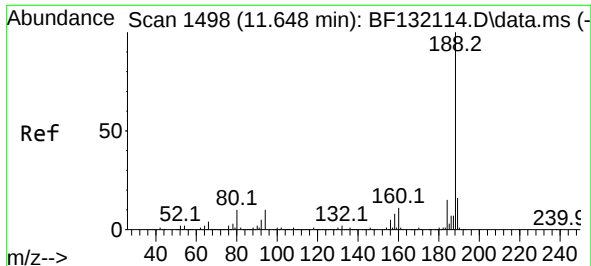
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 24.6 19.7 29.5

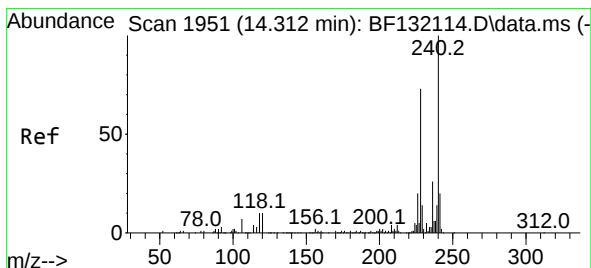
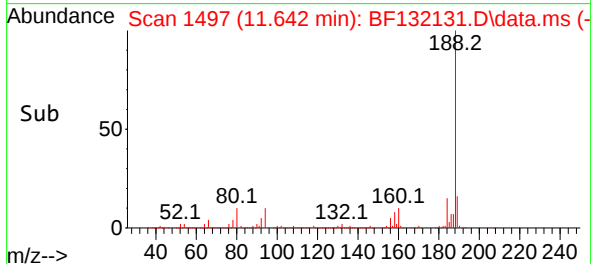
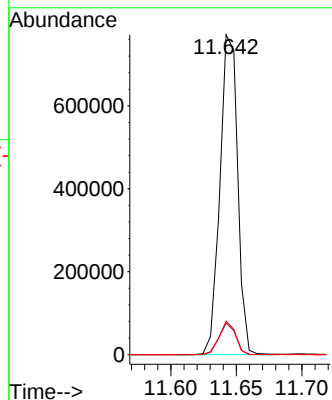
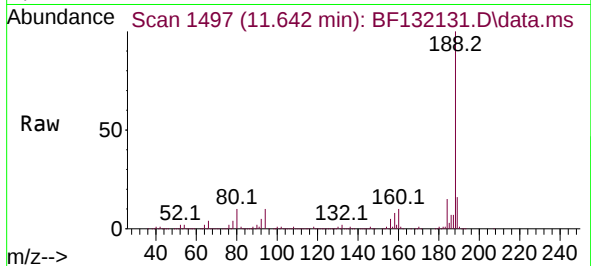




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

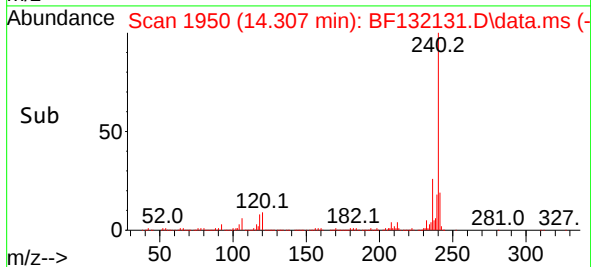
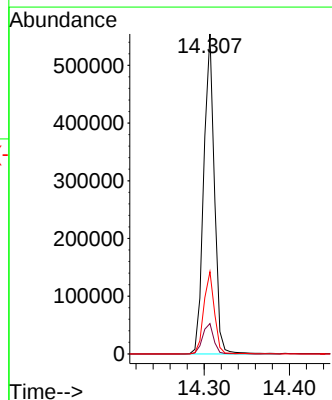
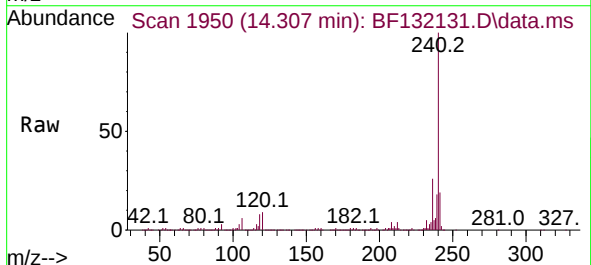
Instrument :
BNA_F
ClientSampleId :
WC-2

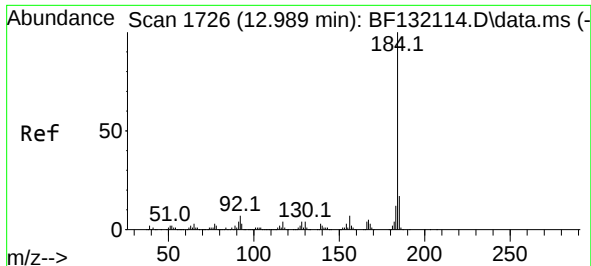
Tgt Ion:188 Resp: 727595
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Tgt Ion:240 Resp: 480889
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 25.7 21.2 31.8

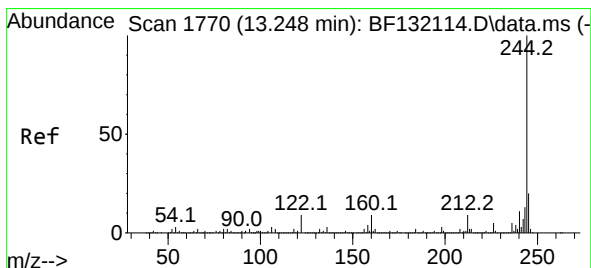
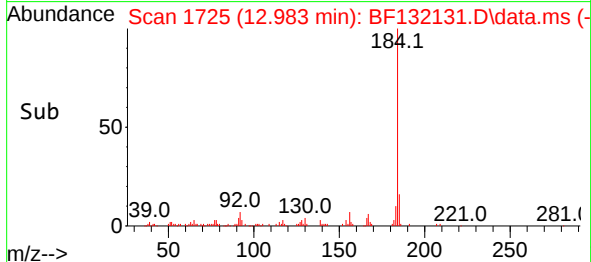
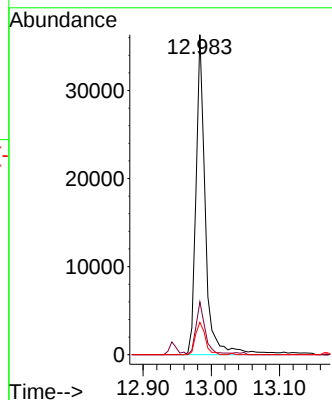
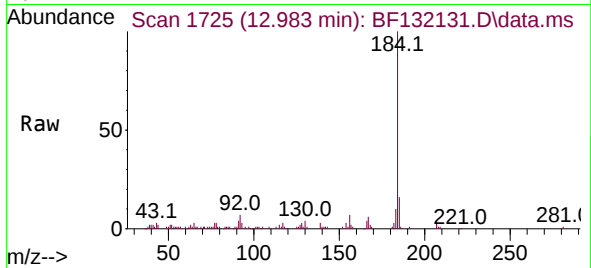




#77
Benzidine
Concen: 2.680 ng
RT: 12.983 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

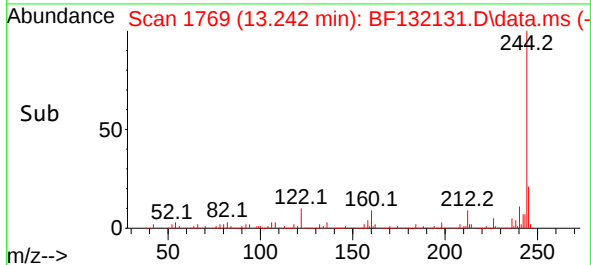
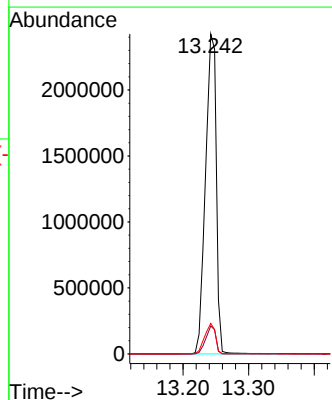
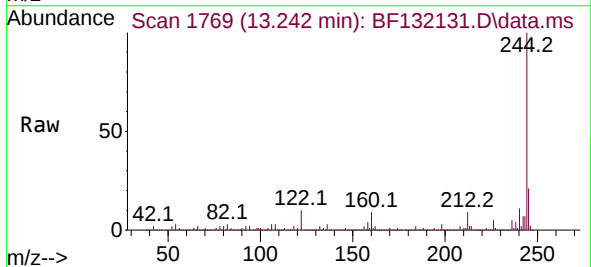
Instrument :
BNA_F
ClientSampleId :
WC-2

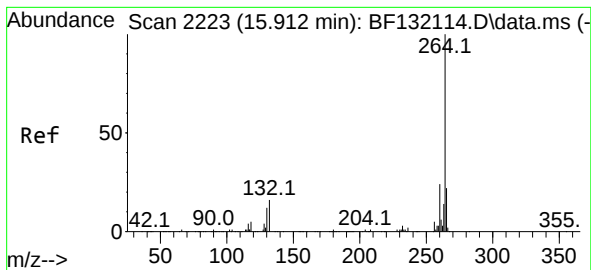
Tgt Ion:184 Resp: 34706
Ion Ratio Lower Upper
184 100
185 16.5 13.7 20.5
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 92.897 ng
RT: 13.242 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF132131.D
Acq: 18 Jan 2023 22:09

Tgt Ion:244 Resp: 2753289
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 9.5 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132131.D

Acq: 18 Jan 2023 22:09

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion:264 Resp: 364804

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 21.9 17.5 26.3

