

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133413.D
 Acq On : 17 May 2023 15:09
 Operator : CG\JU
 Sample : 02774-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

Quant Time: May 17 17:11:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	222763	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	889802	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	476017	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	892617	20.000	ng	-0.01
76) Chrysene-d12	13.874	240	490394	20.000	ng	-0.01
86) Perylene-d12	15.298	264	495221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1733455	117.550	ng	0.00
7) Phenol-d6	6.363	99	1927176	105.290	ng	0.00
23) Nitrobenzene-d5	7.281	82	1402734	85.092	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	630830	131.773	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2386307	83.869	ng	0.00
79) Terphenyl-d14	12.827	244	2940630	103.419	ng	0.00

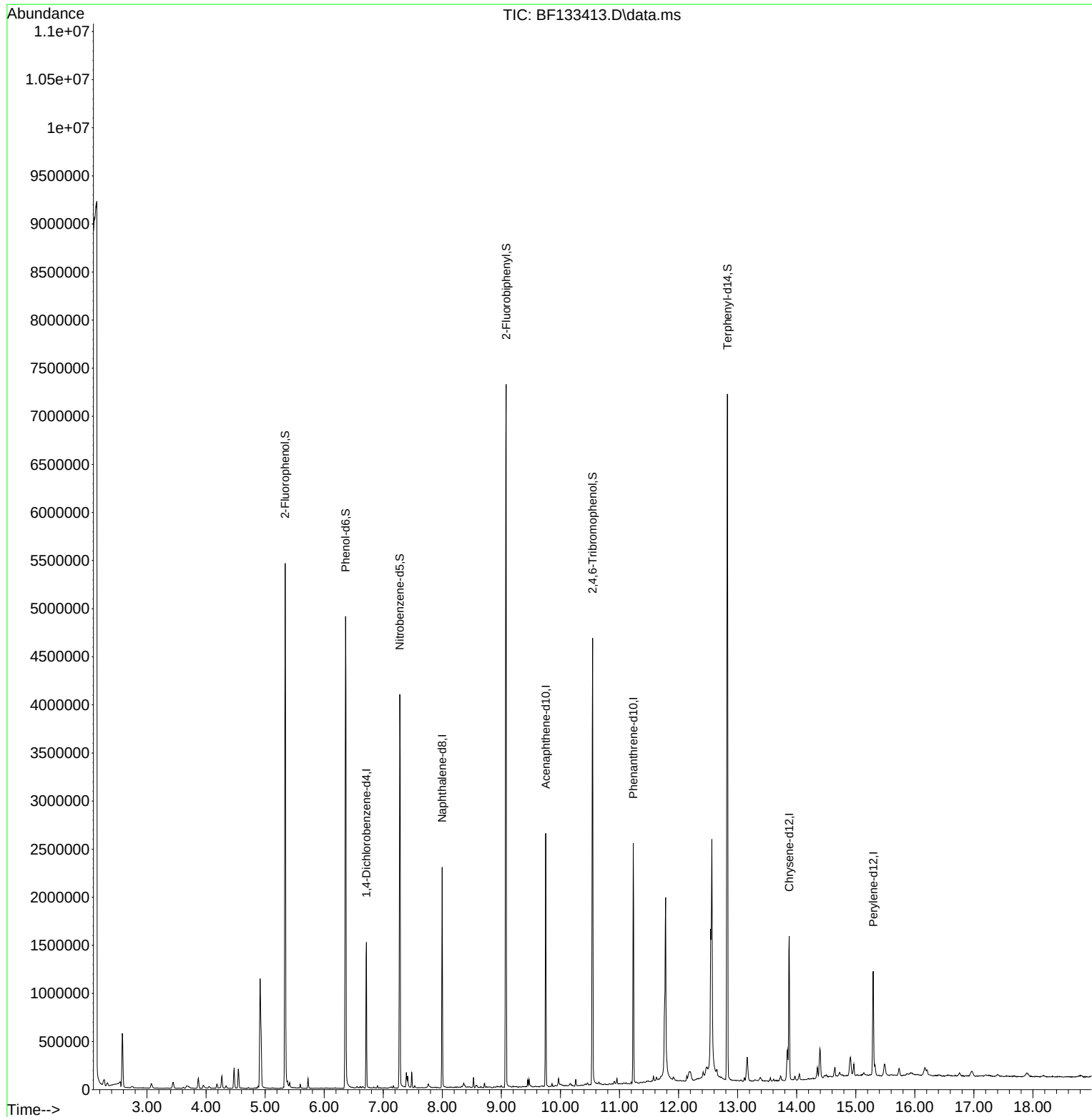
Target Compounds	Qvalue

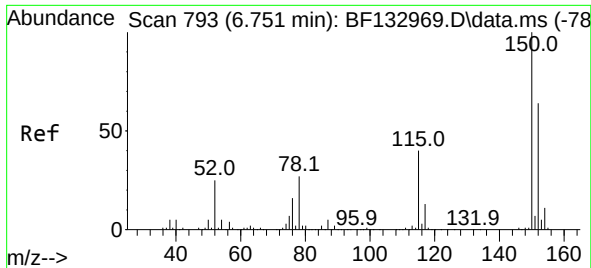
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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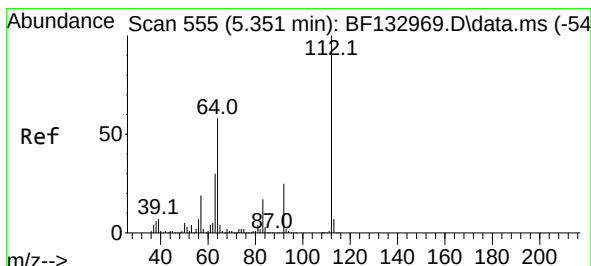
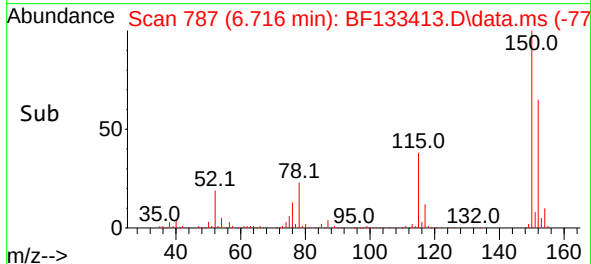
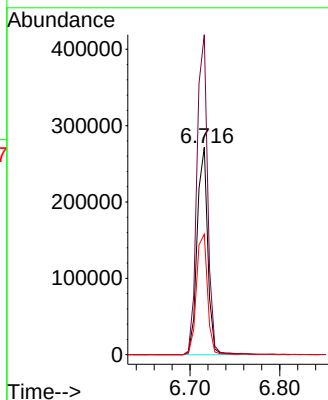
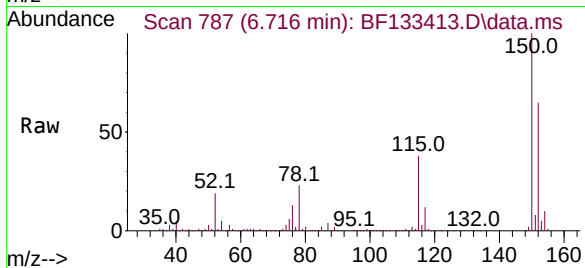




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

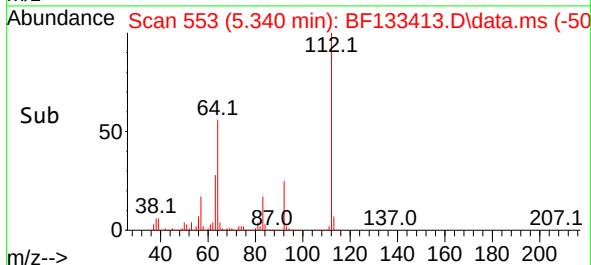
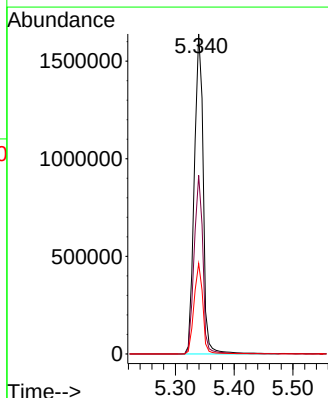
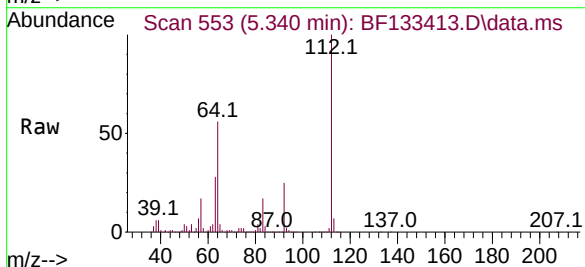
Instrument :
BNA_F
ClientSampleId :
WC-N-1

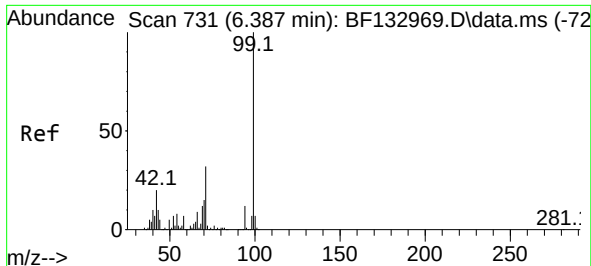
Tgt Ion:152 Resp: 222763
Ion Ratio Lower Upper
152 100
150 154.3 124.8 187.2
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 117.550 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

Tgt Ion:112 Resp: 1733455
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.2 23.8 35.8

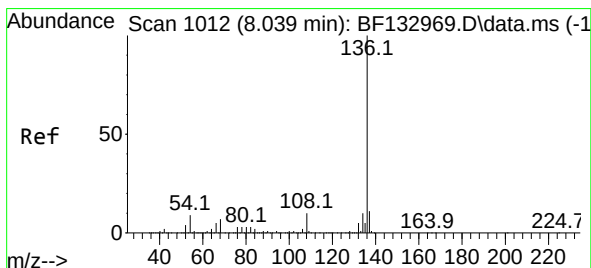
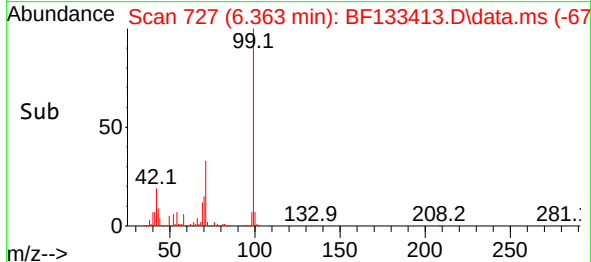
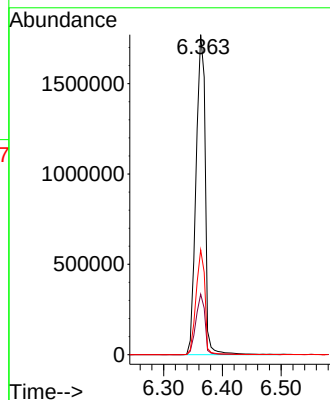
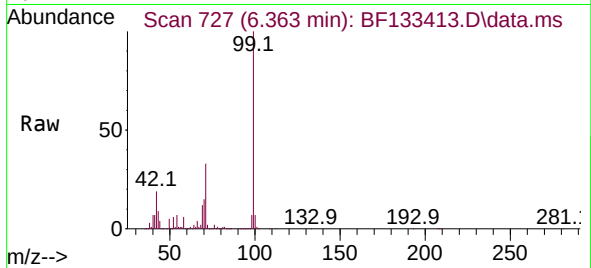




#7
Phenol-d6
Concen: 105.290 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

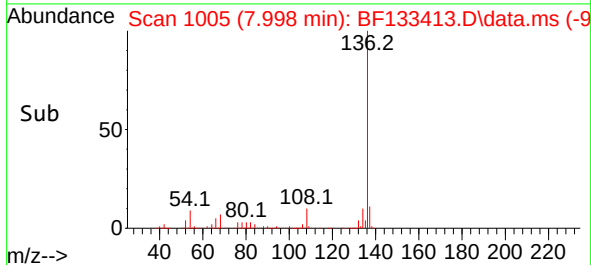
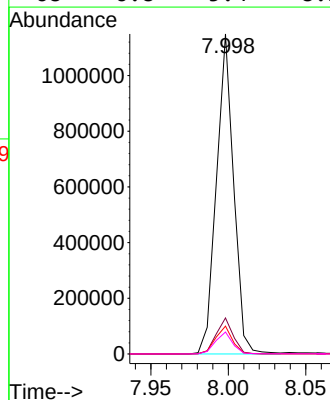
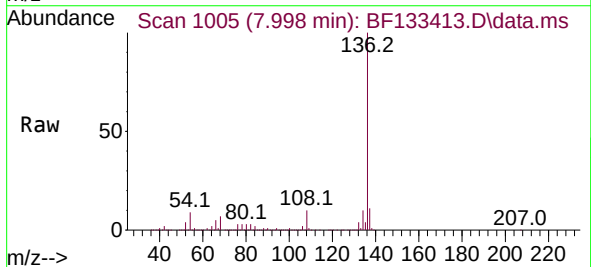
Instrument :
BNA_F
ClientSampleId :
WC-N-1

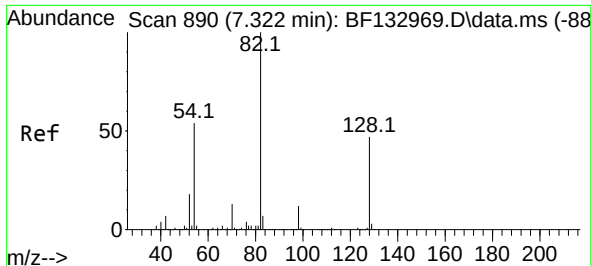
Tgt Ion: 99 Resp: 1927176
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 32.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

Tgt Ion: 136 Resp: 889802
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 7.0 10.4
68 6.8 5.4 8.2

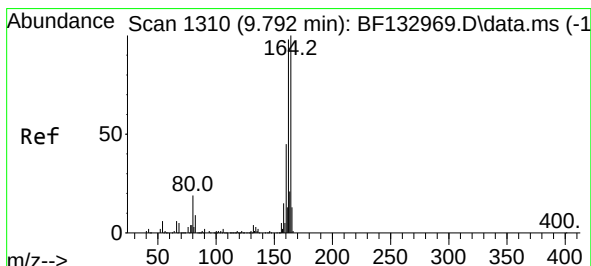
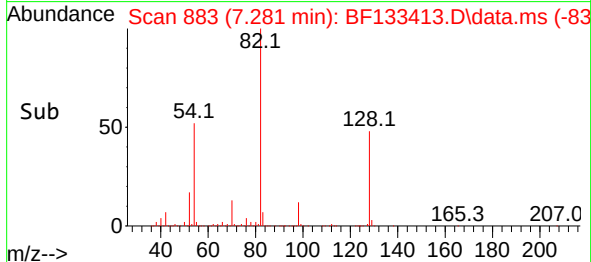
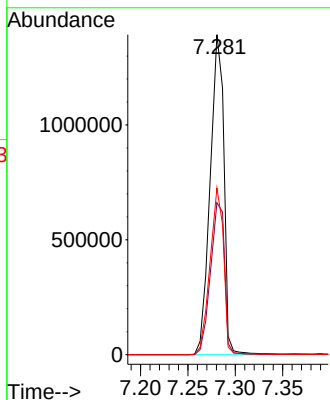
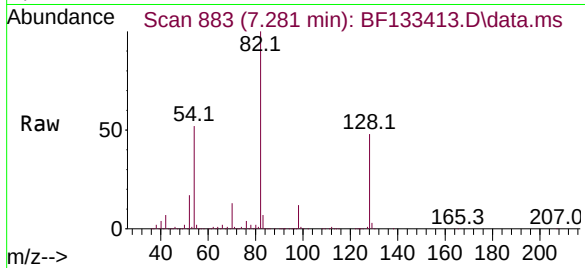




#23
Nitrobenzene-d5
Concen: 85.092 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

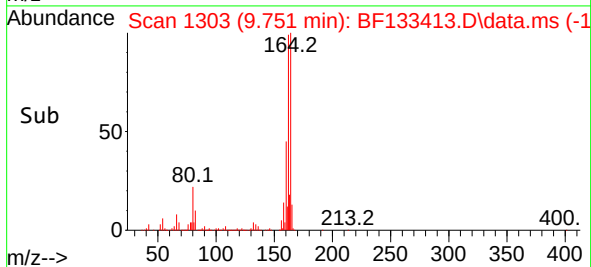
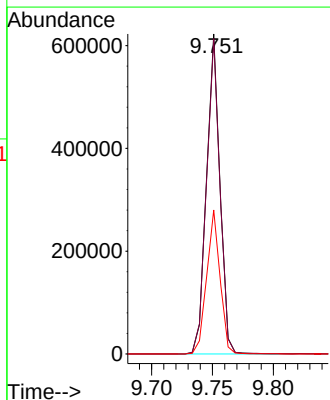
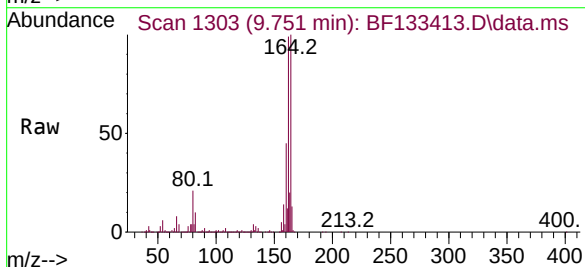
Instrument :
BNA_F
ClientSampleId :
WC-N-1

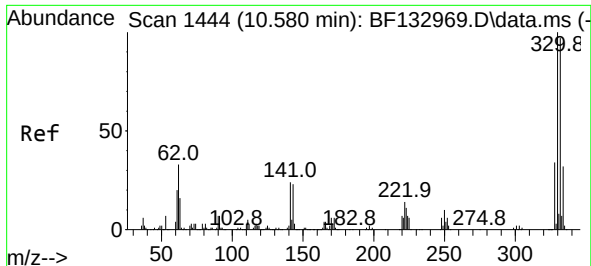
Tgt Ion: 82 Resp: 1402734
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 52.0 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133413.D
Acq: 17 May 2023 15:09

Tgt Ion:164 Resp: 476017
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 131.773 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133413.D

Acq: 17 May 2023 15:09

Instrument :

BNA_F

ClientSampleId :

WC-N-1

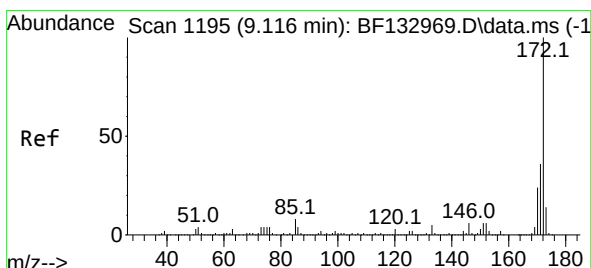
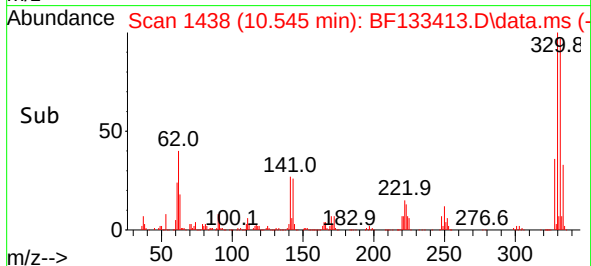
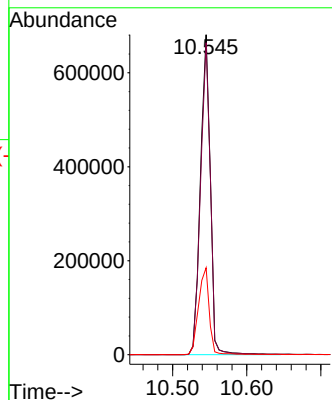
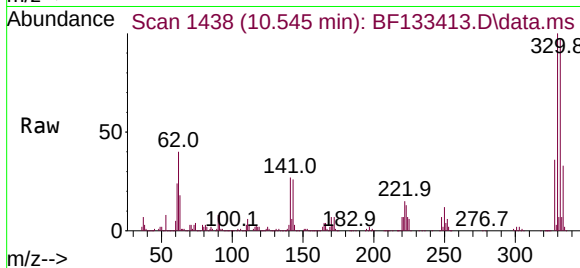
Tgt Ion:330 Resp: 630830

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.869 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133413.D

Acq: 17 May 2023 15:09

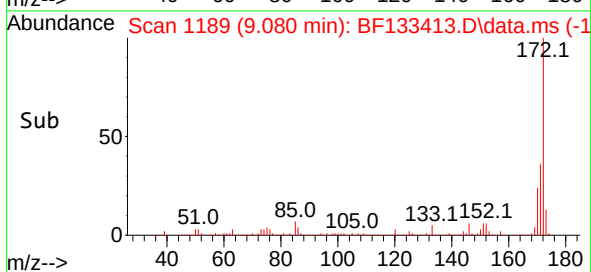
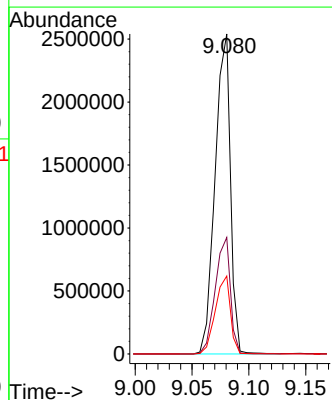
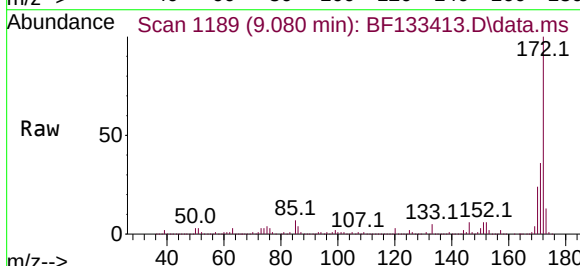
Tgt Ion:172 Resp: 2386307

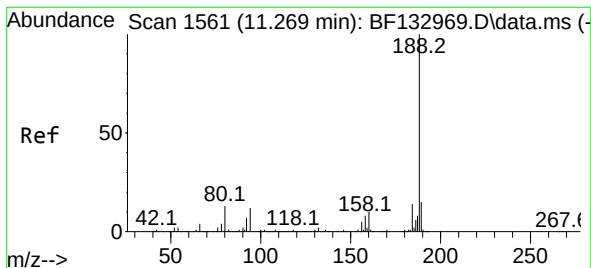
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133413.D

Acq: 17 May 2023 15:09

Instrument :

BNA_F

ClientSampleId :

WC-N-1

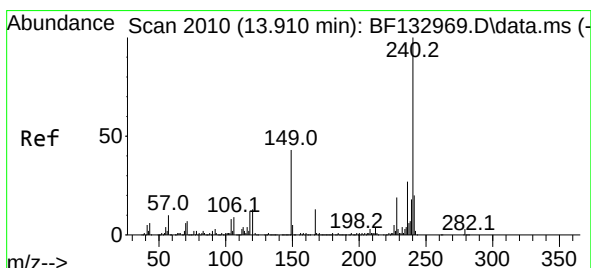
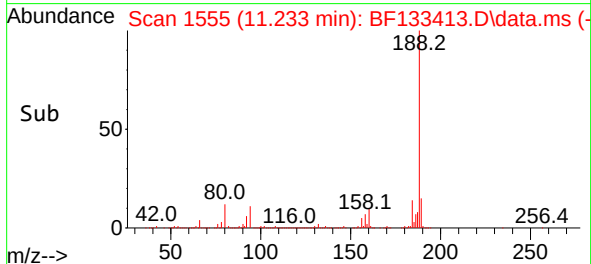
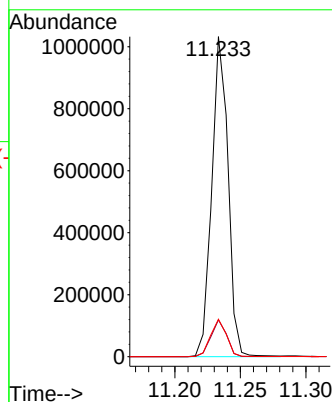
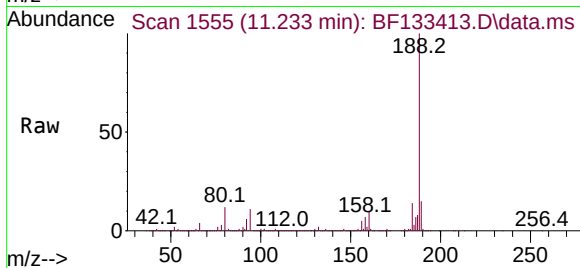
Tgt Ion:188 Resp: 892617

Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 11.7 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133413.D

Acq: 17 May 2023 15:09

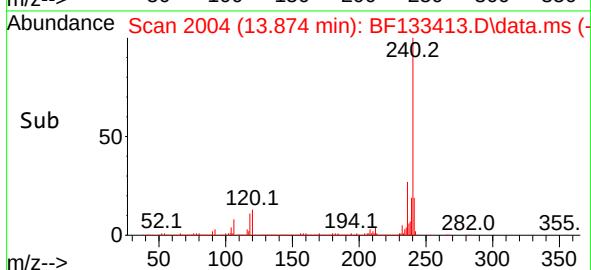
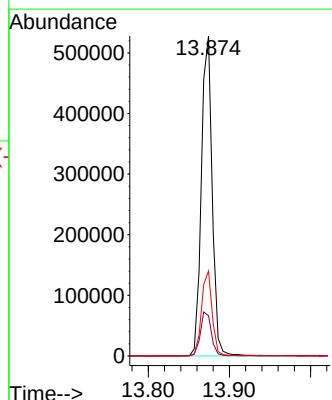
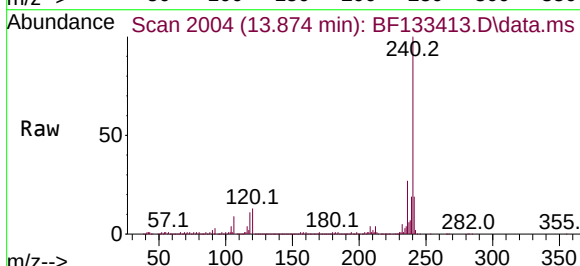
Tgt Ion:240 Resp: 490394

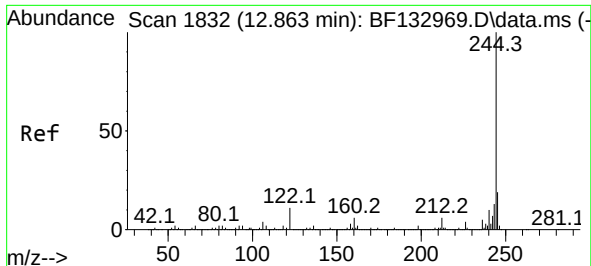
Ion Ratio Lower Upper

240 100

120 12.6 10.5 15.7

236 26.6 21.5 32.3

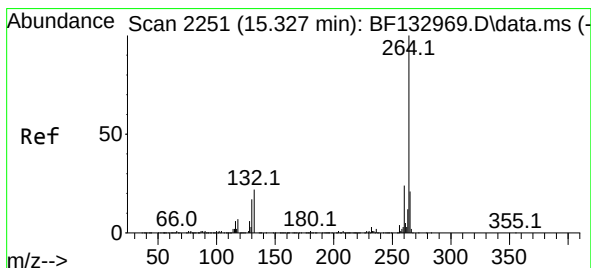
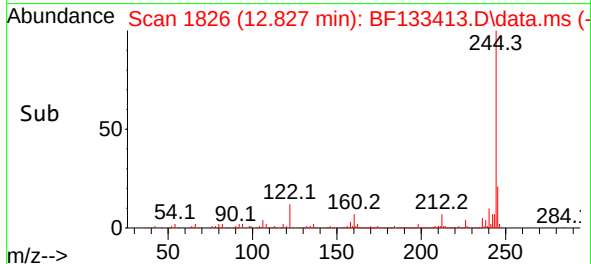
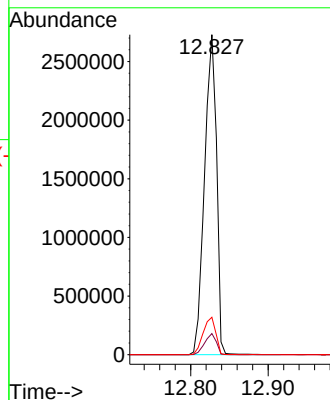
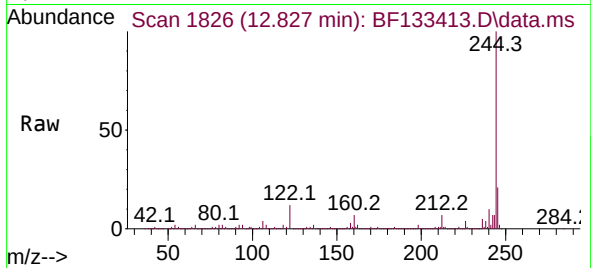




#79
 Terphenyl-d14
 Concen: 103.419 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133413.D
 Acq: 17 May 2023 15:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1

Tgt Ion:244 Resp: 2940630
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133413.D
 Acq: 17 May 2023 15:09

Tgt Ion:264 Resp: 495221
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 20.8 17.0 25.4

