

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130332.D
 Acq On : 19 Sep 2022 21:30
 Operator : CG\JU
 Sample : N4630-21 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17-4-5

Quant Time: Sep 20 02:29:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

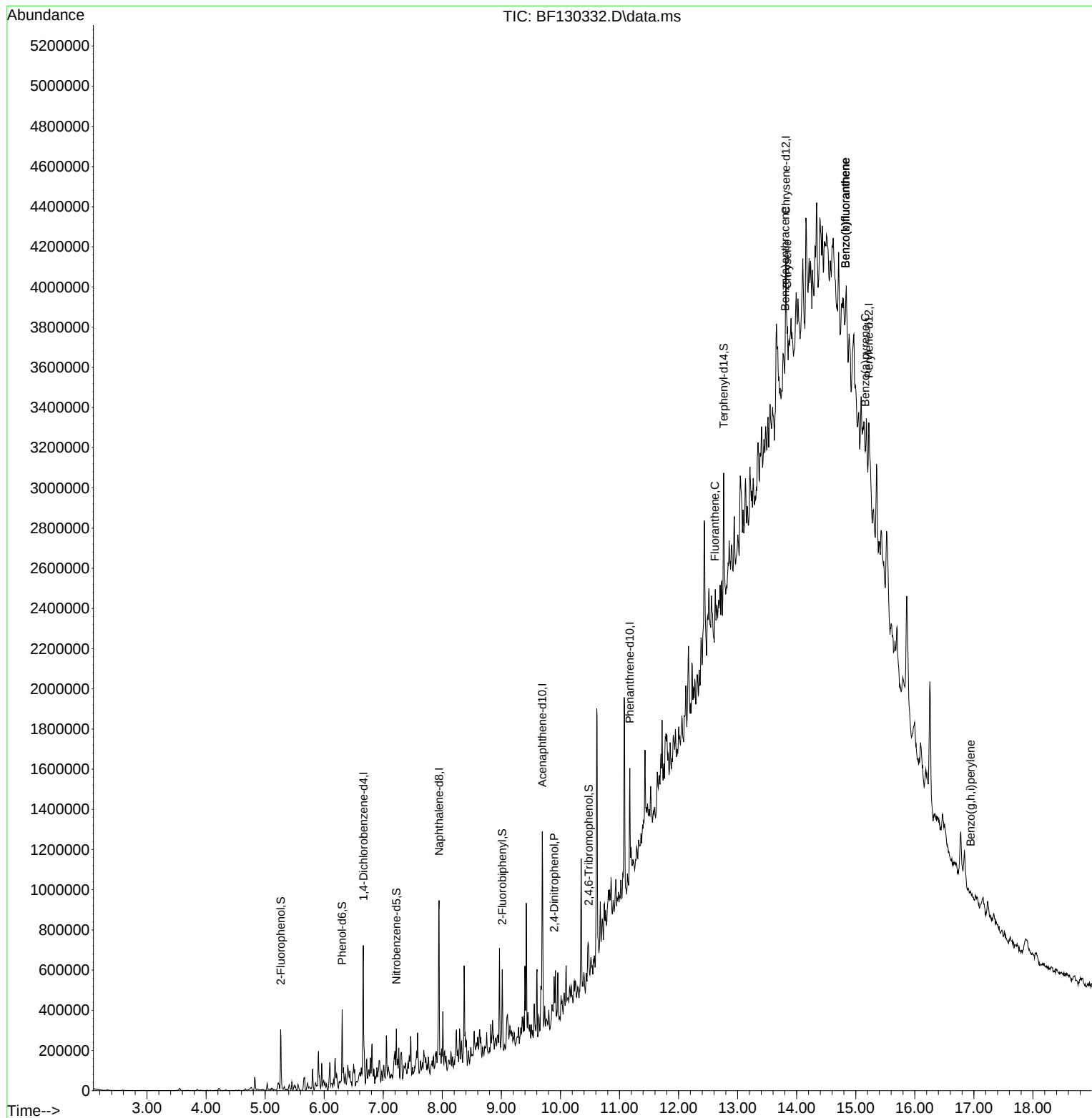
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	90318	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	321837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	137143	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	198762	20.000	ng	0.00
76) Chrysene-d12	13.816	240	206706	20.000	ng	# 0.01
86) Perylene-d12	15.221	264	151903	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	81727	15.695	ng	0.00
7) Phenol-d6	6.304	99	98536	15.123	ng	0.00
23) Nitrobenzene-d5	7.222	82	60674	9.631	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	15296	11.640	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	98346	10.442	ng	0.00
79) Terphenyl-d14	12.763	244	100510	8.055	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	9.892	184	63	6.308	ng	# 1
75) Fluoranthene	12.616	202	31764	2.946	ng	75
81) Benzo(a)anthracene	13.804	228	34707	2.524	ng	# 59
83) Chrysene	13.839	228	32533	2.492	ng	# 63
88) Benzo(b)fluoranthene	14.827	252	40685	4.104	ng	# 1
89) Benzo(k)fluoranthene	14.827	252	40685	4.172	ng	# 1
90) Benzo(a)pyrene	15.163	252	22576	2.874	ng	# 1
92) Benzo(g,h,i)perylene	16.945	276	18175	2.042	ng	# 64

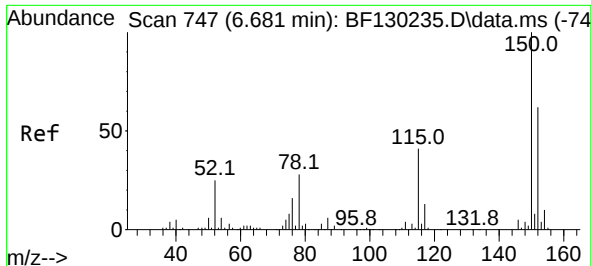
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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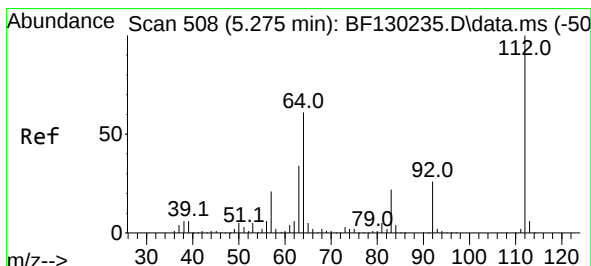
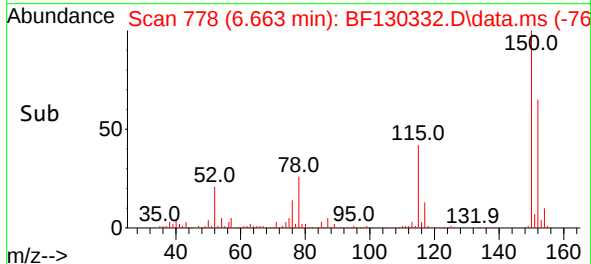
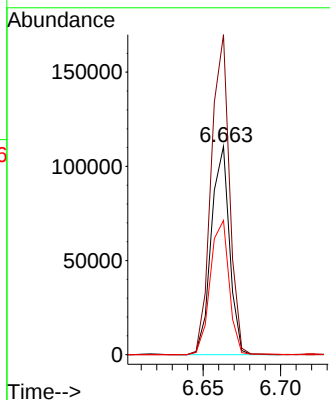
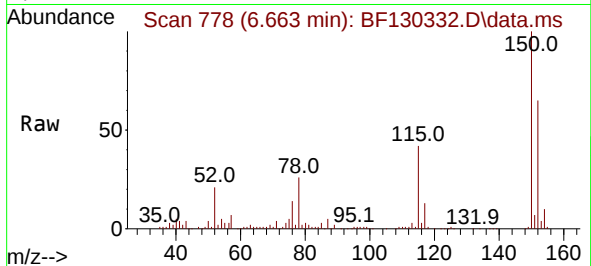




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

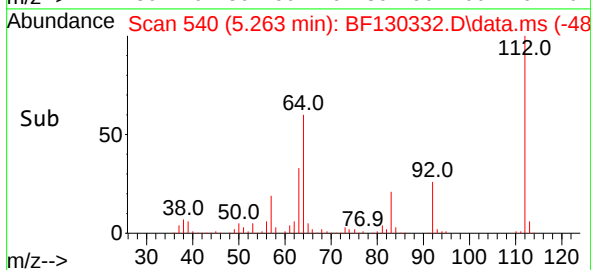
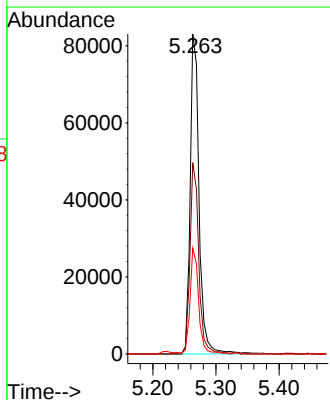
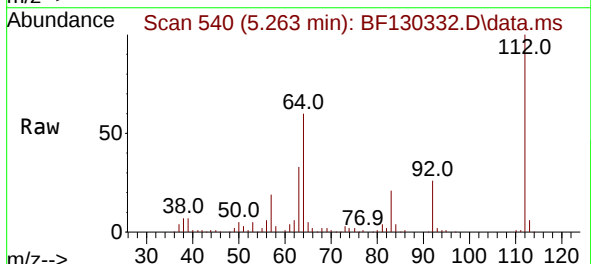
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

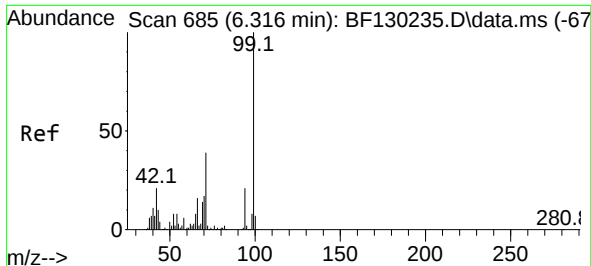
Tgt Ion:152 Resp: 90318
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 64.5 53.8 80.8



#5
2-Fluorophenol
Concen: 15.695 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Tgt Ion:112 Resp: 81727
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 33.1 28.8 43.2

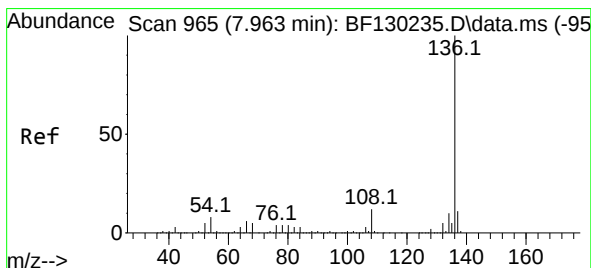
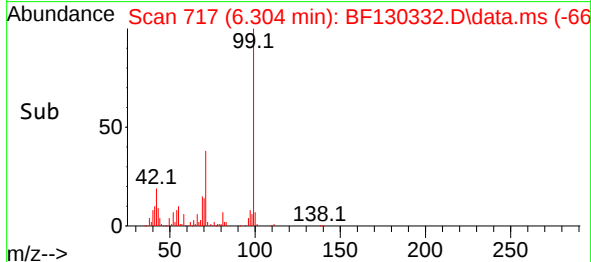
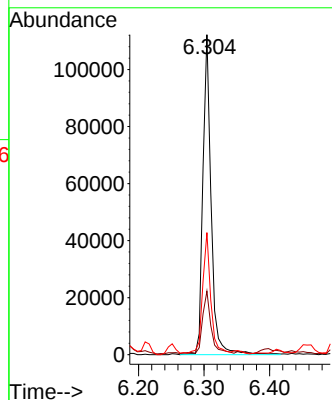
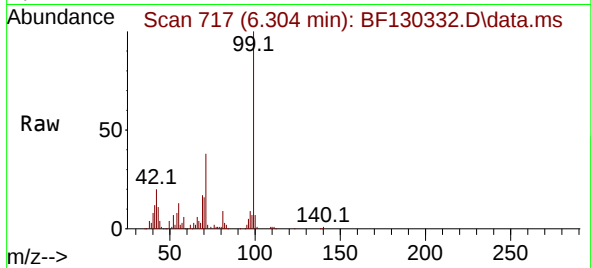




#7
Phenol-d6
Concen: 15.123 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

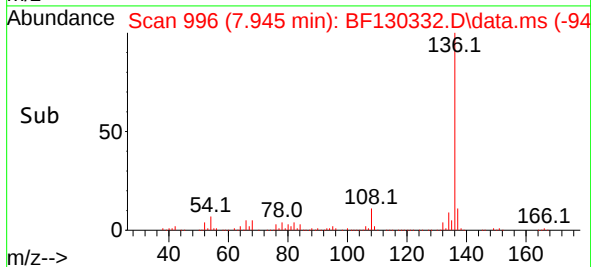
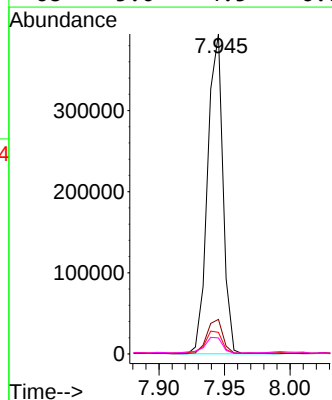
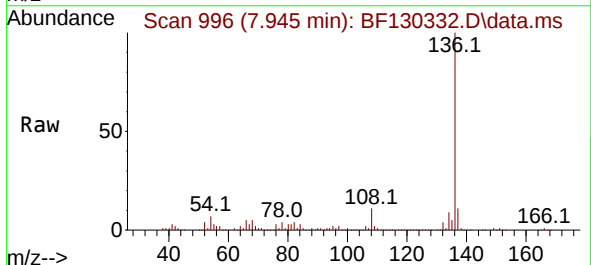
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

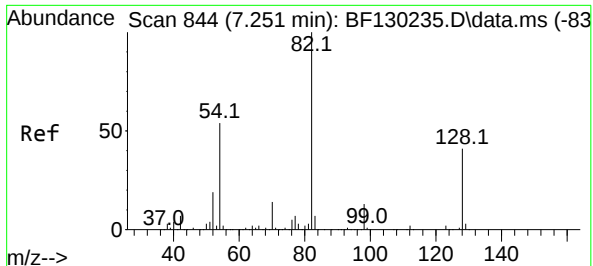
Tgt Ion: 99 Resp: 98536
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 38.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Tgt Ion:136 Resp: 321837
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.7 7.1 10.7#
68 5.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 9.631 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

WC-17-4-5

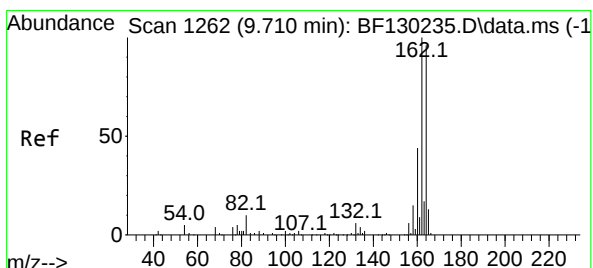
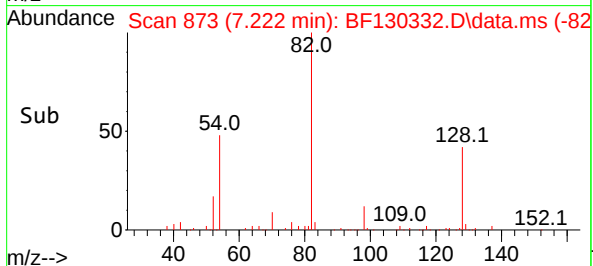
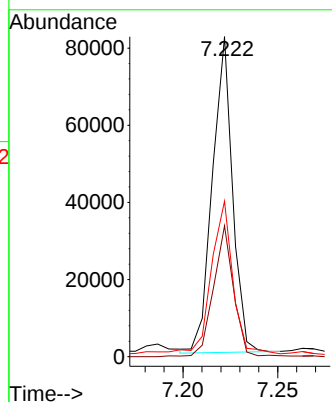
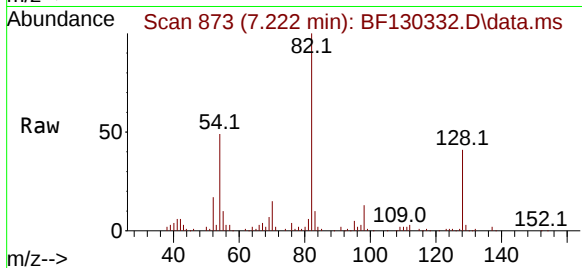
Tgt Ion: 82 Resp: 60674

Ion Ratio Lower Upper

82 100

128 40.9 32.6 49.0

54 48.6 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

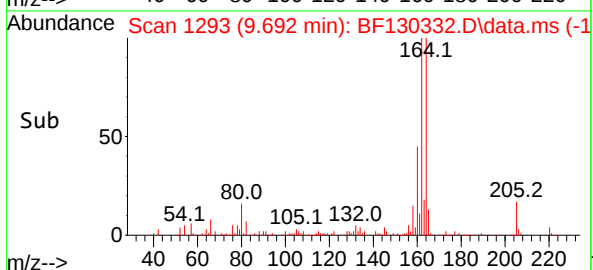
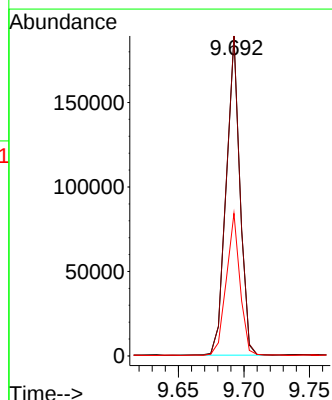
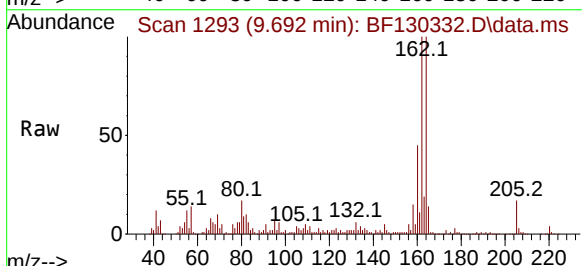
Tgt Ion:164 Resp: 137143

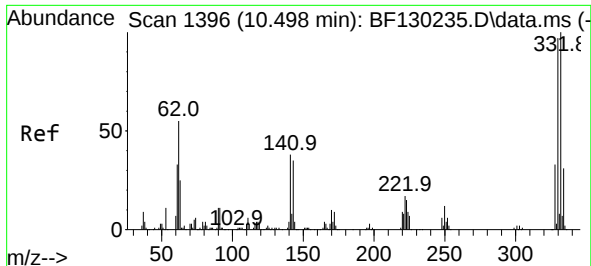
Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

160 44.6 36.2 54.4

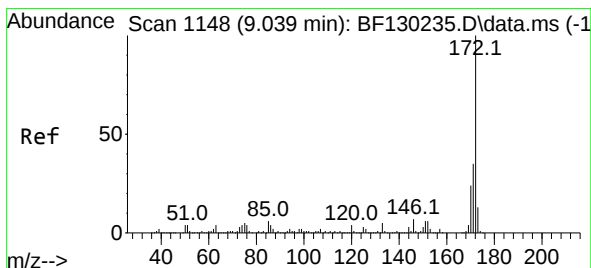
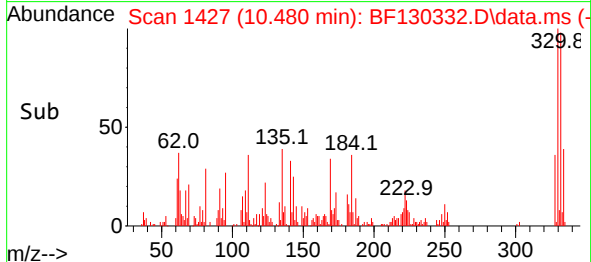
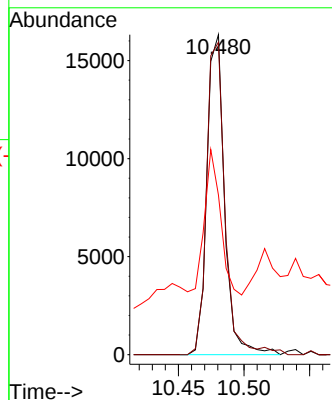
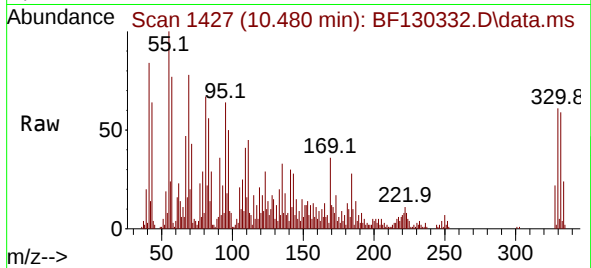




#42
2,4,6-Tribromophenol
Concen: 11.640 ng
RT: 10.480 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

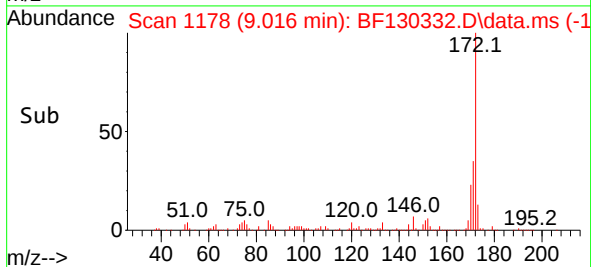
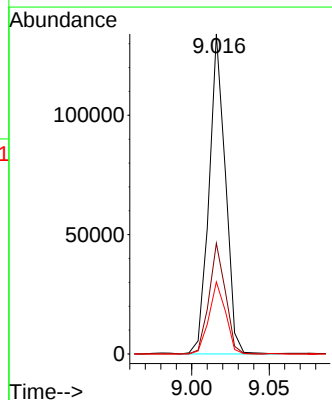
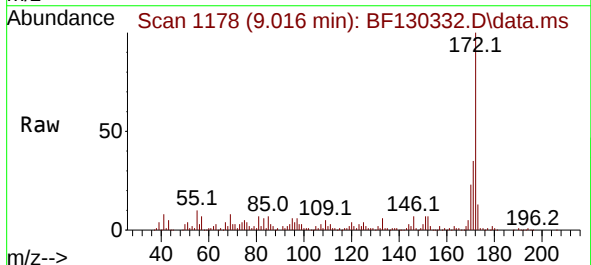
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

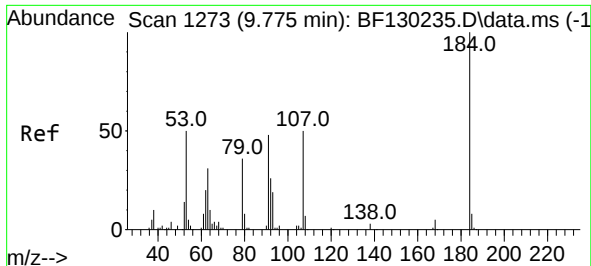
Tgt Ion:330 Resp: 15296
Ion Ratio Lower Upper
330 100
332 101.7 83.4 125.2
141 40.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 10.442 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Tgt Ion:172 Resp: 98346
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.5 18.7 28.1

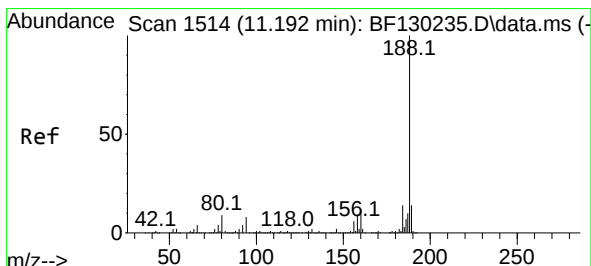
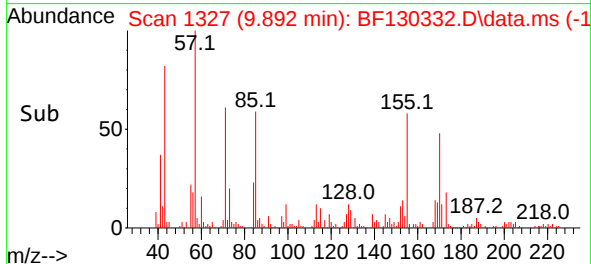
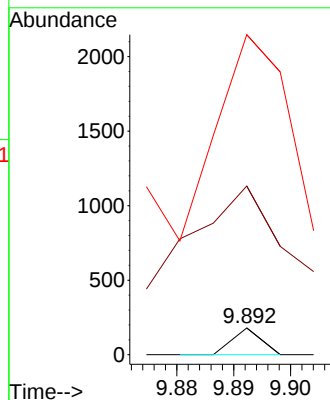
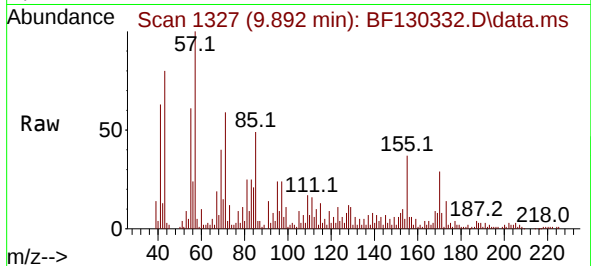




#54
2,4-Dinitrophenol
Concen: 6.308 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

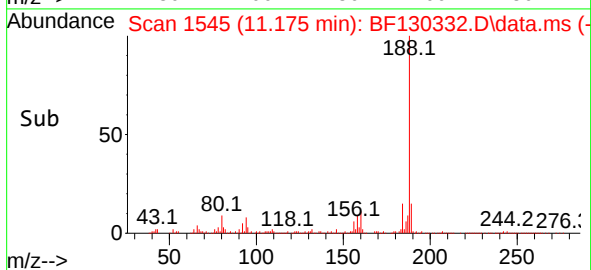
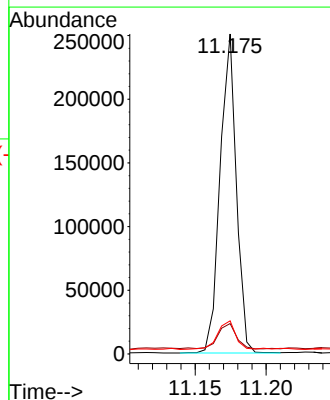
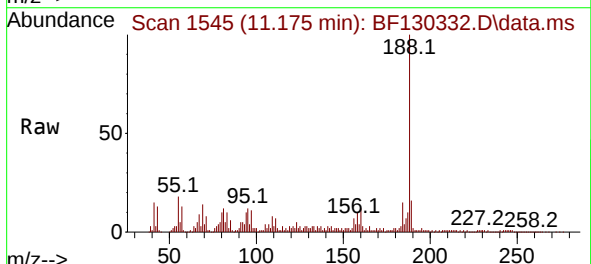
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

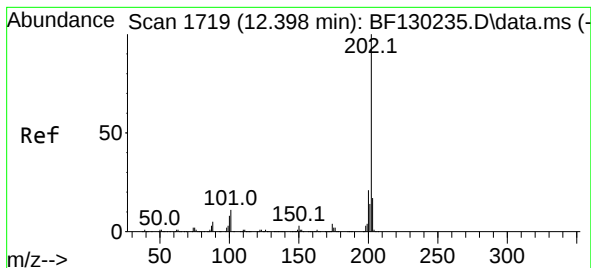
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 628.9 70.0 105.0#
154 1192.8 63.0 94.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Tgt Ion:188 Resp: 198762
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9





#75

Fluoranthene

Concen: 2.946 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.235 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

WC-17-4-5

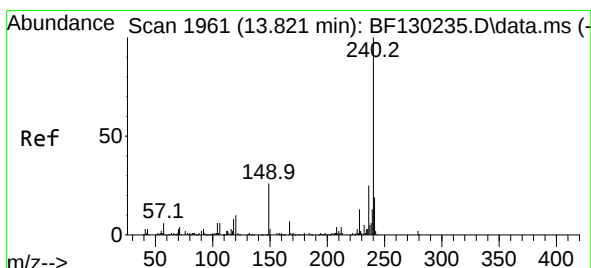
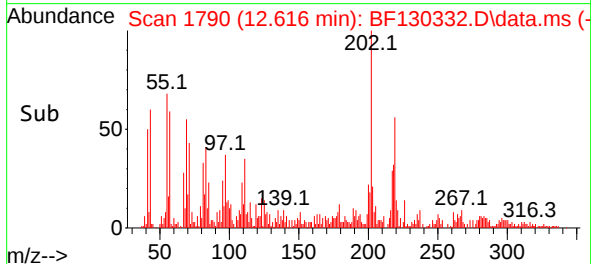
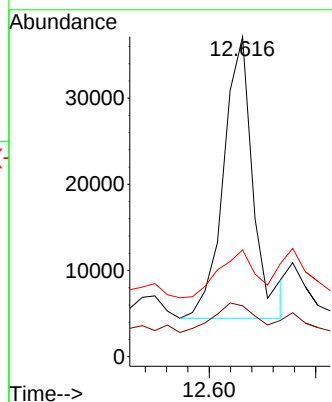
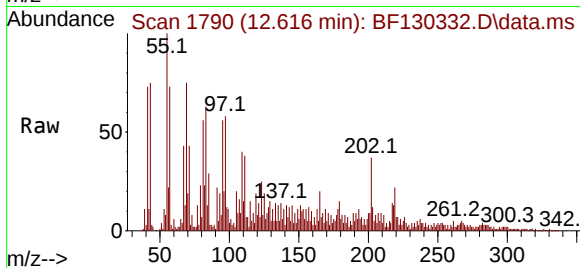
Tgt Ion:202 Resp: 31764

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.8

203 33.3 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.816 min Scan# 1994

Delta R.T. 0.012 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

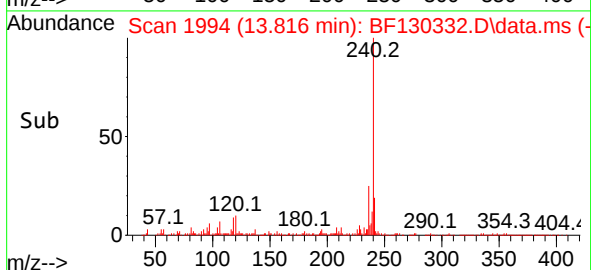
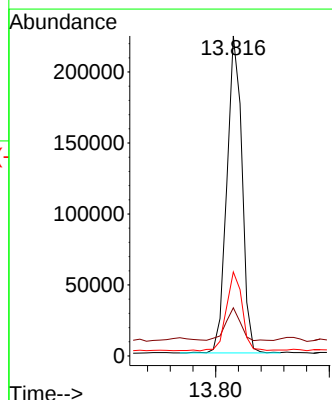
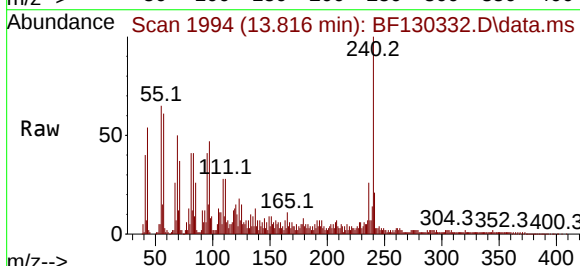
Tgt Ion:240 Resp: 206706

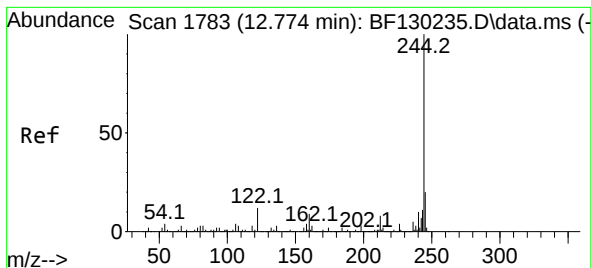
Ion Ratio Lower Upper

240 100

120 15.0 8.7 13.1#

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 8.055 ng

RT: 12.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

WC-17-4-5

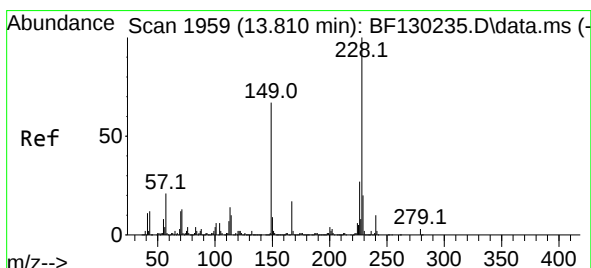
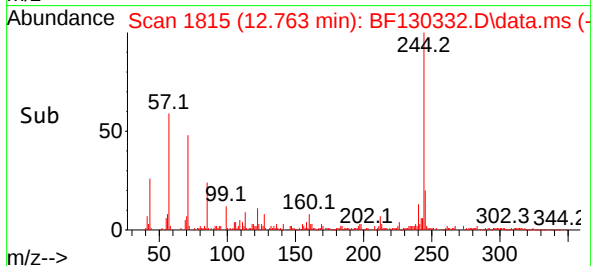
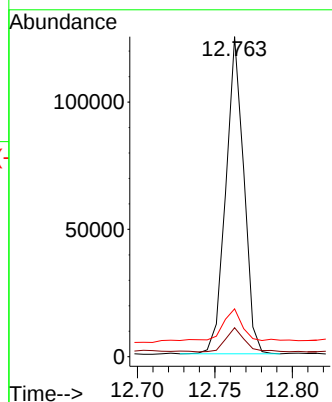
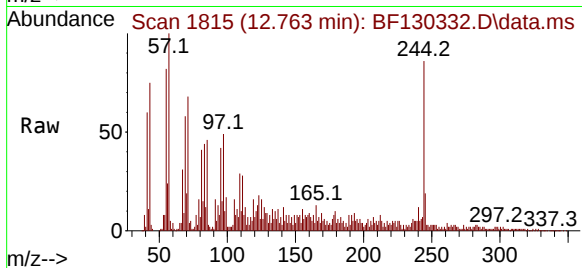
Tgt Ion:244 Resp: 100510

Ion Ratio Lower Upper

244 100

212 9.0 5.9 8.9#

122 15.0 8.5 12.7#



#81

Benzo(a)anthracene

Concen: 2.524 ng

RT: 13.804 min Scan# 1992

Delta R.T. 0.012 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

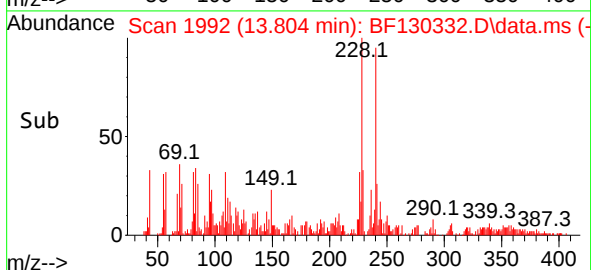
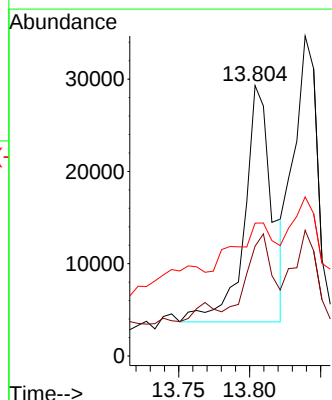
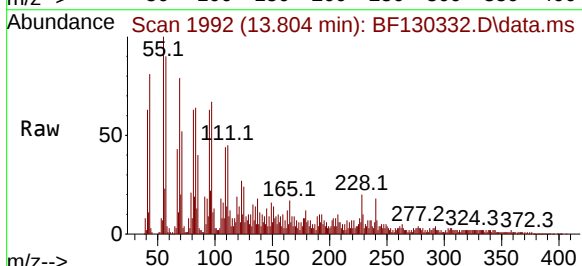
Tgt Ion:228 Resp: 34707

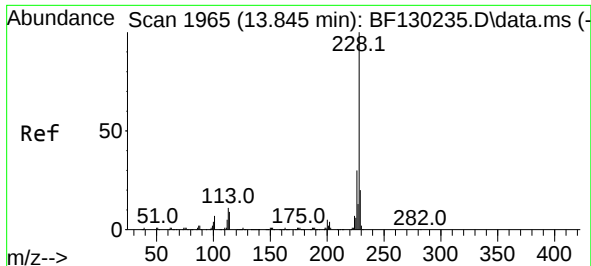
Ion Ratio Lower Upper

228 100

226 40.6 21.9 32.9#

229 49.1 16.1 24.1#

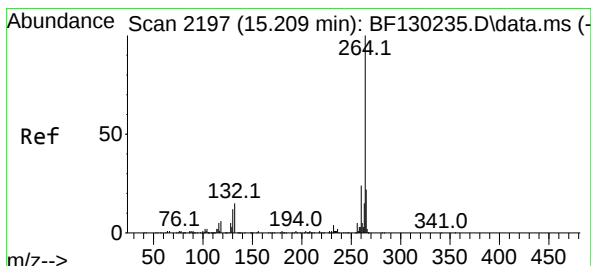
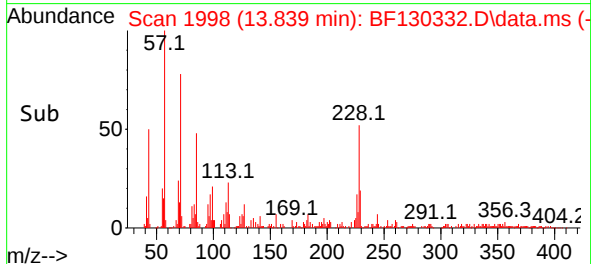
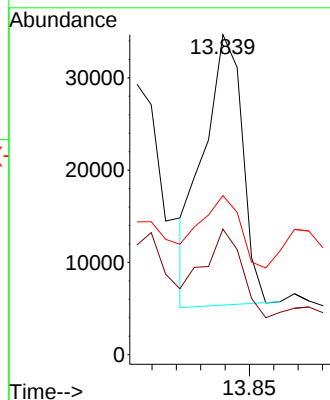
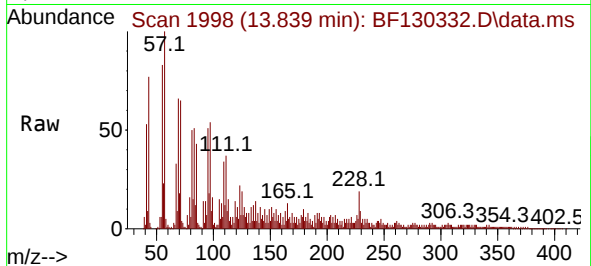




#83
Chrysene
Concen: 2.492 ng
RT: 13.839 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

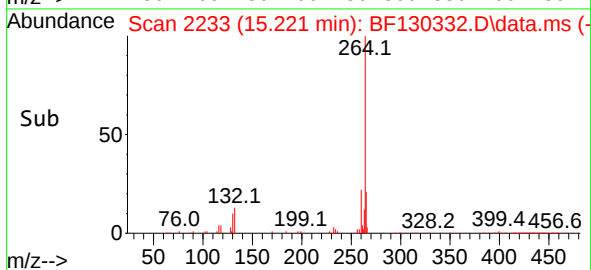
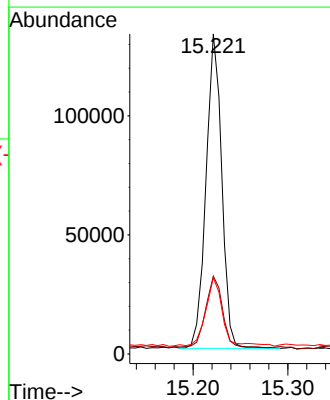
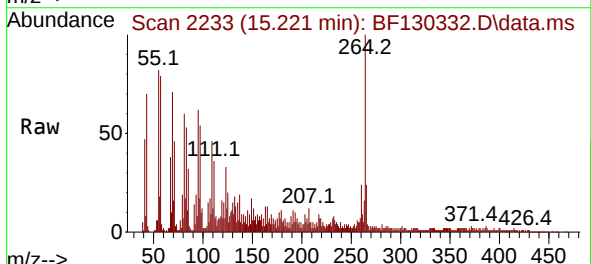
Instrument :
BNA_F
ClientSampleId :
WC-17-4-5

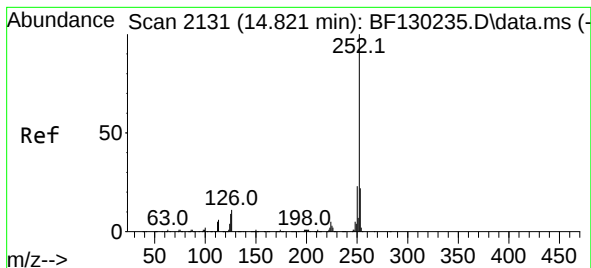
Tgt Ion:228 Resp: 32533
Ion Ratio Lower Upper
228 100
226 39.3 23.8 35.8#
229 49.7 15.3 22.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.221 min Scan# 2233
Delta R.T. 0.035 min
Lab File: BF130332.D
Acq: 19 Sep 2022 21:30

Tgt Ion:264 Resp: 151903
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 23.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 4.104 ng

RT: 14.827 min Scan# 2166

Delta R.T. 0.029 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

WC-17-4-5

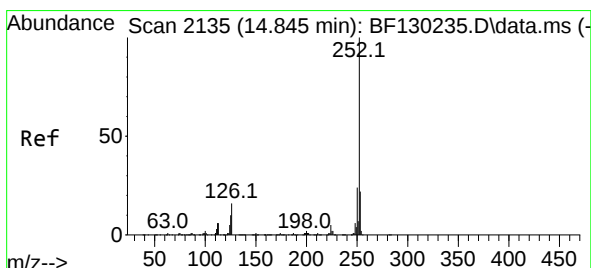
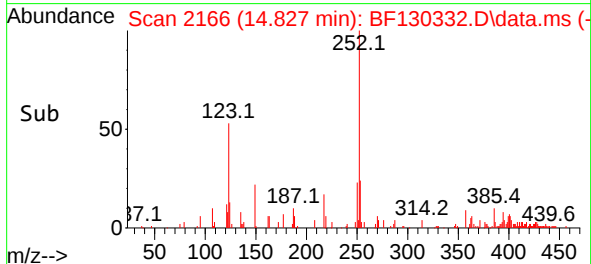
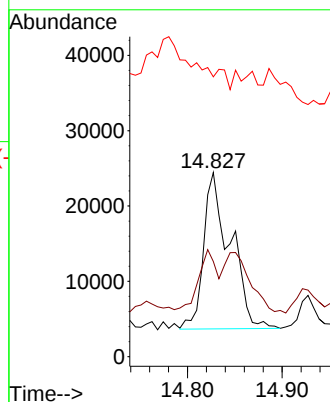
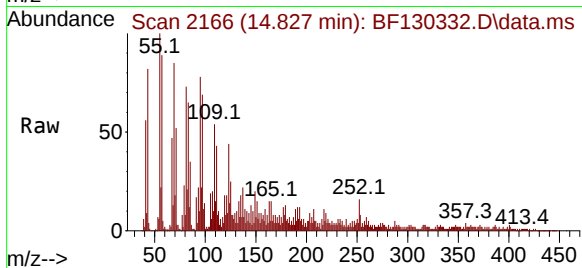
Tgt Ion:252 Resp: 40685

Ion Ratio Lower Upper

252 100

253 51.7 17.7 26.5#

125 151.9 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 4.172 ng

RT: 14.827 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

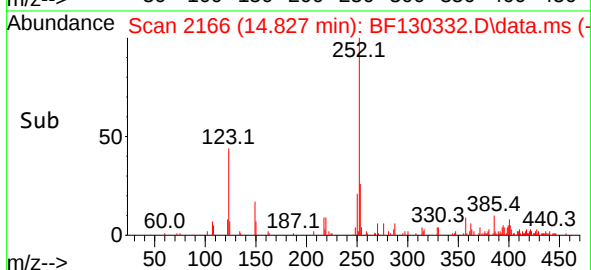
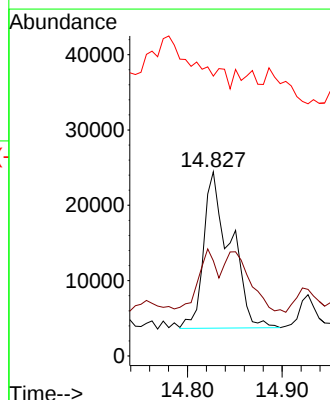
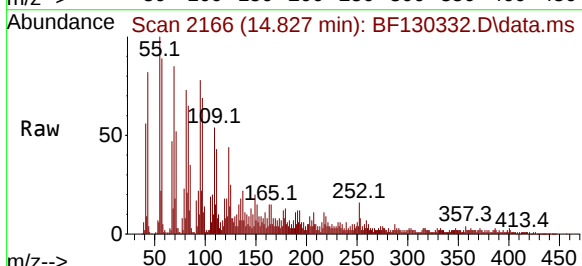
Tgt Ion:252 Resp: 40685

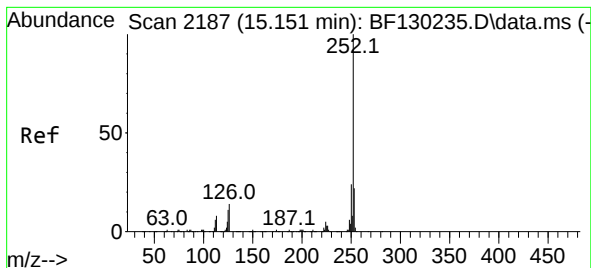
Ion Ratio Lower Upper

252 100

253 51.7 17.4 26.2#

125 151.9 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 2.874 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Instrument :

BNA_F

ClientSampleId :

WC-17-4-5

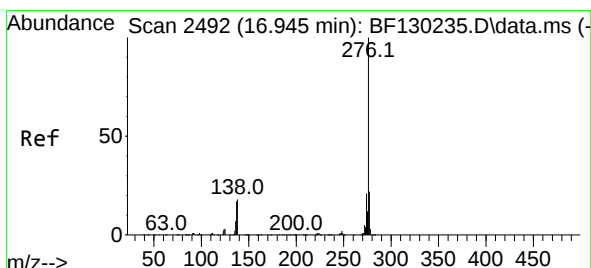
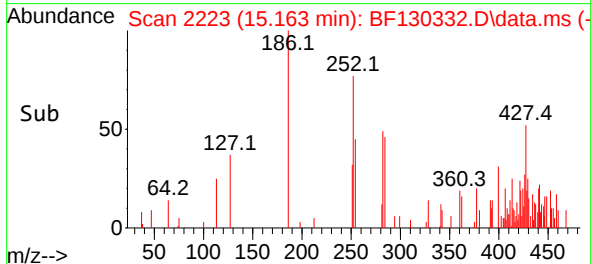
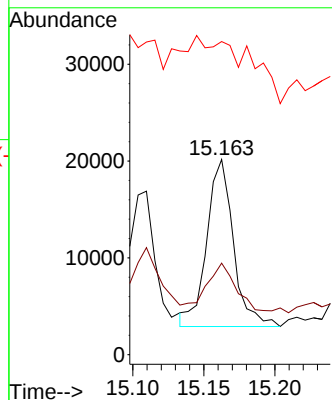
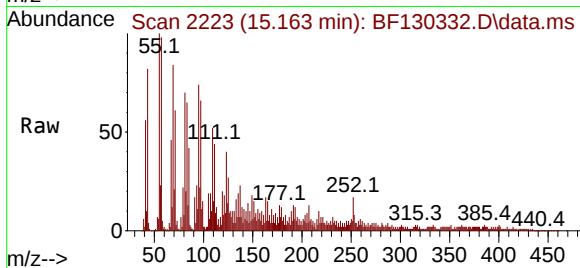
Tgt Ion:252 Resp: 22576

Ion Ratio Lower Upper

252 100

253 46.9 17.8 26.6#

125 160.4 9.0 13.6#



#92

Benzo(g,h,i)perylene

Concen: 2.042 ng

RT: 16.945 min Scan# 2526

Delta R.T. 0.035 min

Lab File: BF130332.D

Acq: 19 Sep 2022 21:30

Tgt Ion:276 Resp: 18175

Ion Ratio Lower Upper

276 100

277 33.9 18.6 27.8#

138 42.0 14.6 21.8#

