

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133417.D
 Acq On : 17 May 2023 17:14
 Operator : CG\JU
 Sample : 02812-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13

Quant Time: May 18 04:03:26 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)

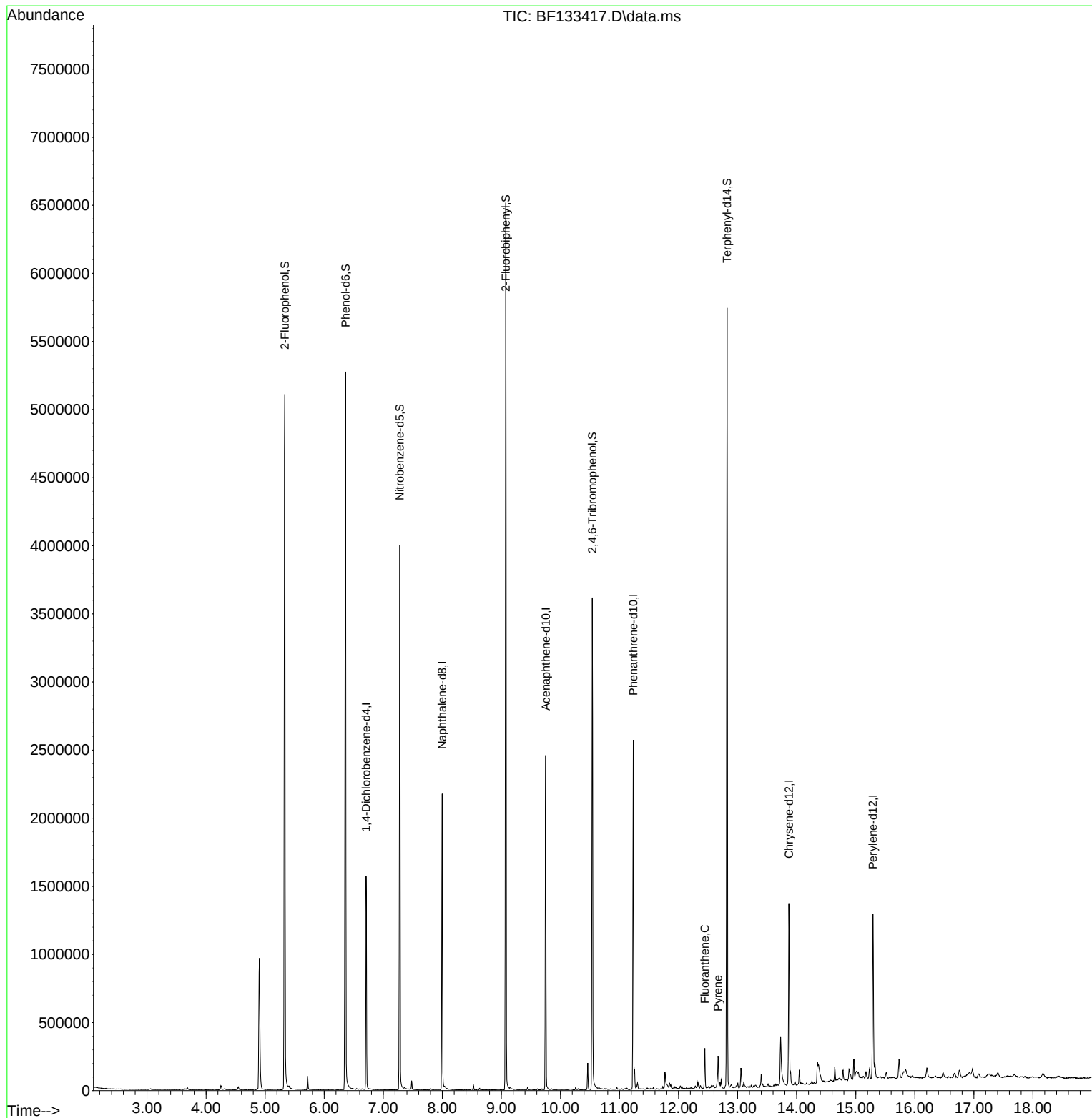
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	228357	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	920684	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	476285	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	862697	20.000	ng	-0.01
76) Chrysene-d12	13.869	240	417845	20.000	ng	-0.02
86) Perylene-d12	15.292	264	510941	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1617855	107.023	ng	0.00
7) Phenol-d6	6.363	99	1950952	103.978	ng	0.00
23) Nitrobenzene-d5	7.281	82	1193766	69.987	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	473981	98.953	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	1996166	70.117	ng	-0.01
79) Terphenyl-d14	12.822	244	2074124	85.610	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.445	202	114853	2.468	ng	97
78) Pyrene	12.669	202	98001	2.736	ng	98

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

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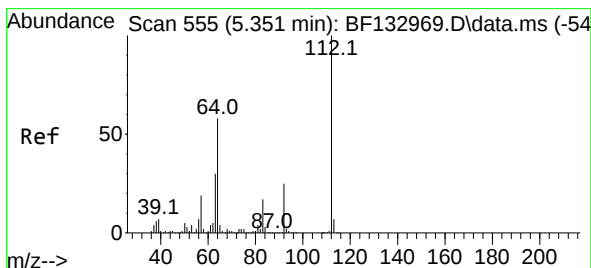
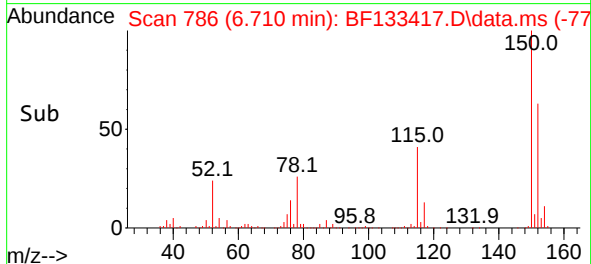
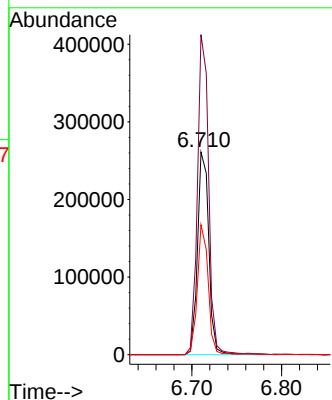
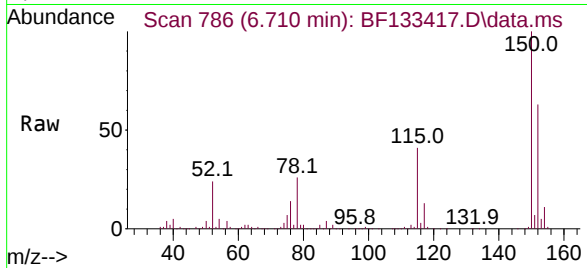




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.012 min
Lab File: BF133417.D
Acq: 17 May 2023 17:14

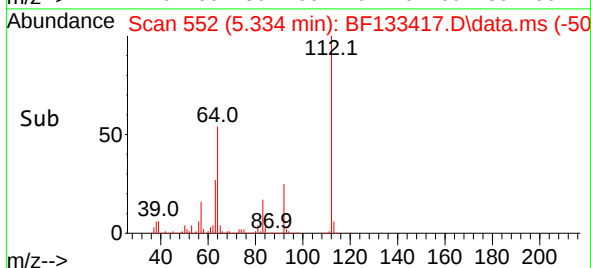
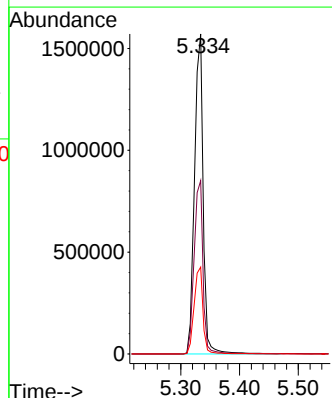
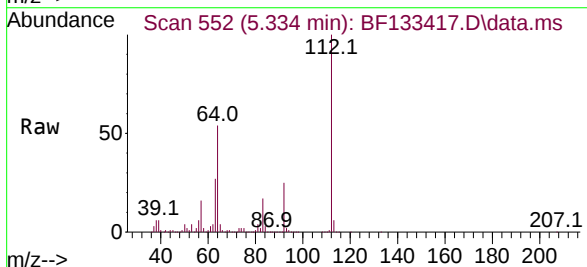
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13

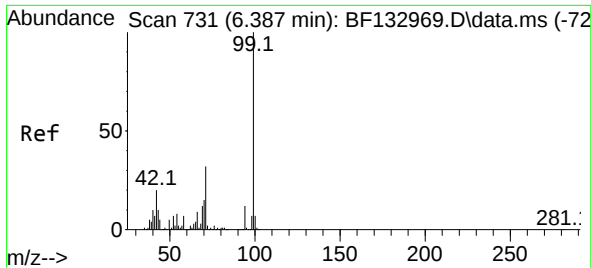
Tgt Ion:152 Resp: 228357
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 107.023 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF133417.D
Acq: 17 May 2023 17:14

Tgt Ion:112 Resp: 1617855
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 27.1 23.8 35.8





#7

Phenol-d6

Concen: 103.978 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133417.D

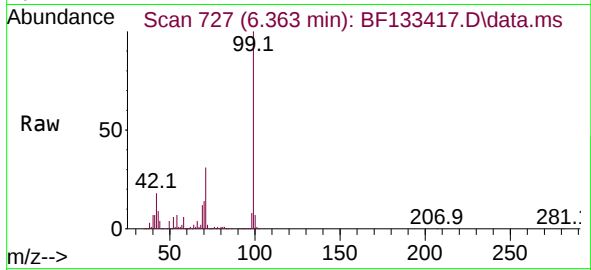
Acq: 17 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13



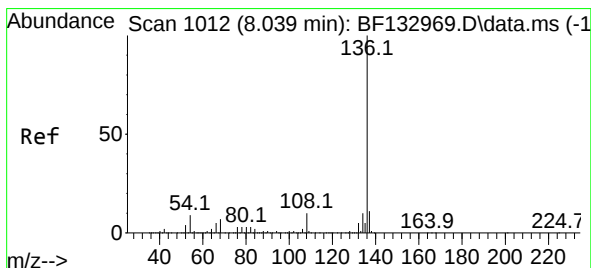
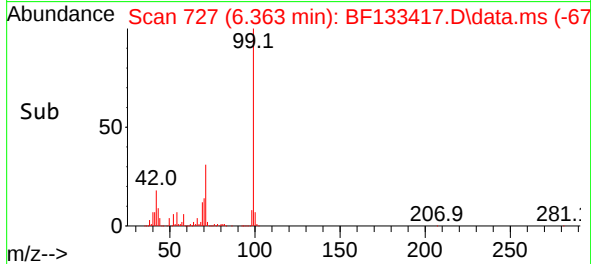
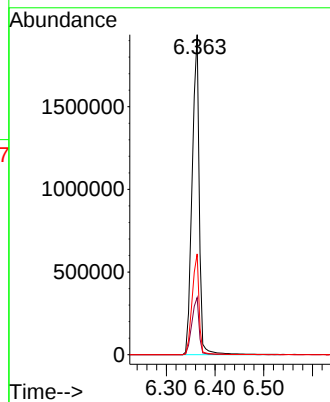
Tgt Ion: 99 Resp: 1950952

Ion Ratio Lower Upper

99 100

42 17.8 16.3 24.5

71 31.5 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: BF133417.D

Acq: 17 May 2023 17:14

Tgt Ion: 136 Resp: 920684

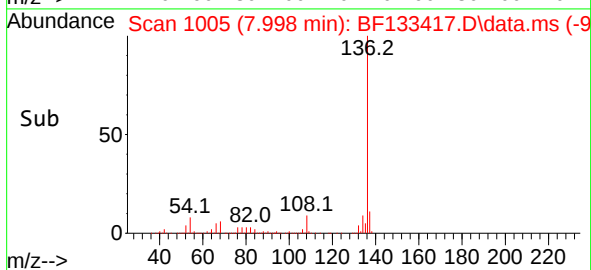
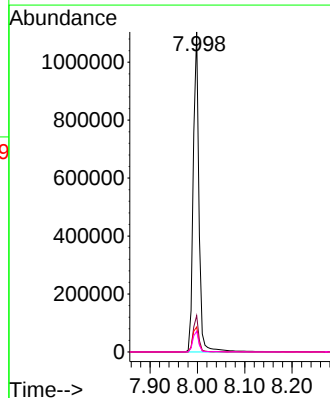
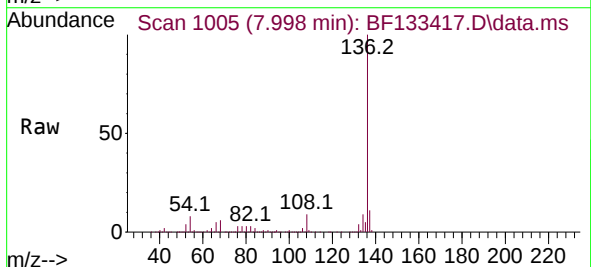
Ion Ratio Lower Upper

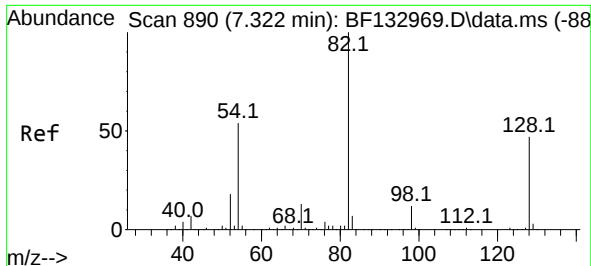
136 100

137 11.4 8.6 13.0

54 7.8 7.0 10.4

68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 69.987 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133417.D

Acq: 17 May 2023 17:14

Instrument :

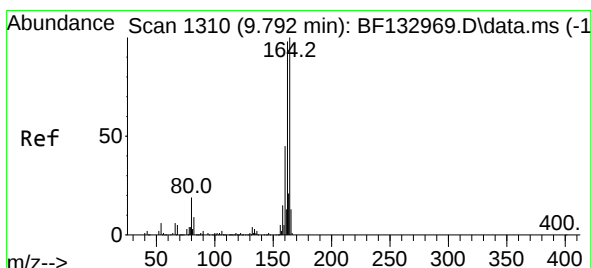
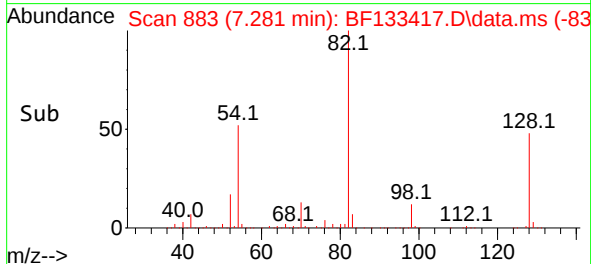
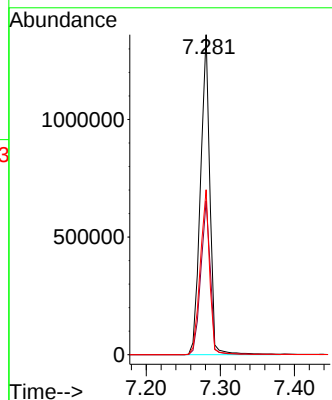
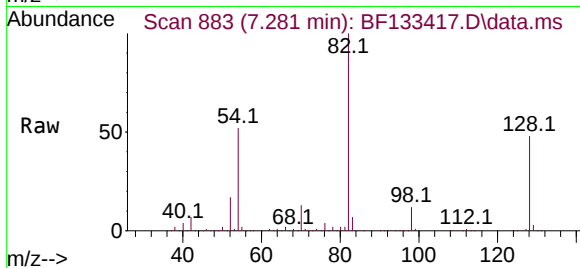
BNA_F

ClientSampleId :

WG-0516-B4-10-13

Tgt Ion: 82 Resp: 1193766

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	51.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

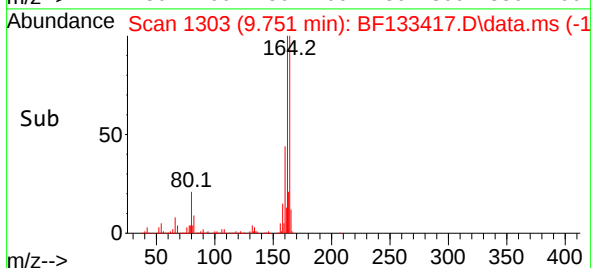
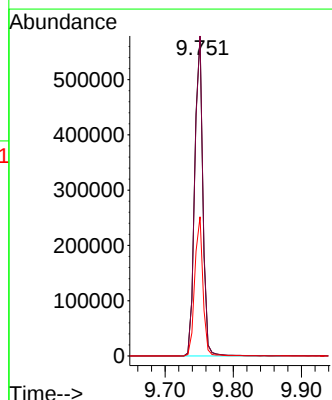
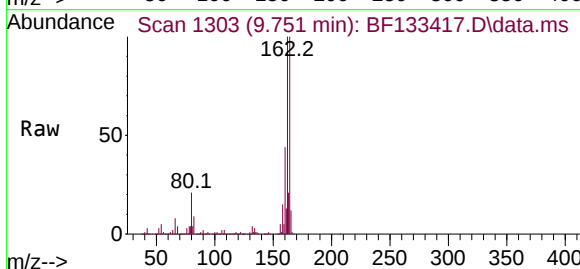
Delta R.T. -0.012 min

Lab File: BF133417.D

Acq: 17 May 2023 17:14

Tgt Ion:164 Resp: 476285

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	43.6	35.8	53.6

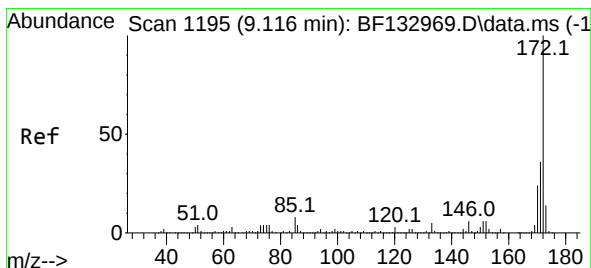
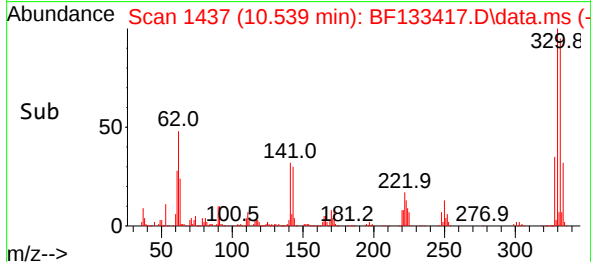
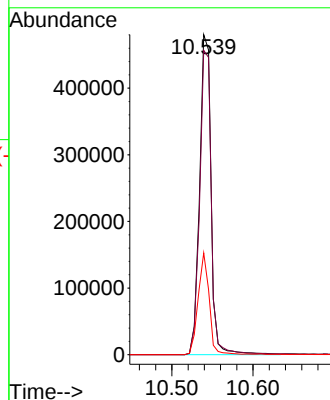
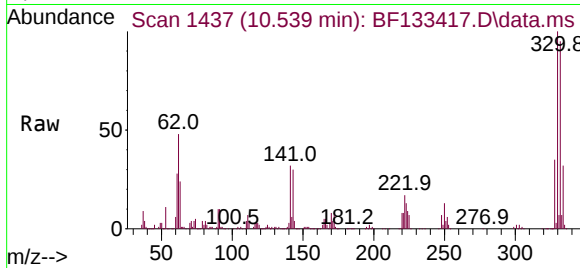




#42
 2,4,6-Tribromophenol
 Concen: 98.953 ng
 RT: 10.539 min Scan# 1444
 Delta R.T. -0.012 min
 Lab File: BF133417.D
 Acq: 17 May 2023 17:14

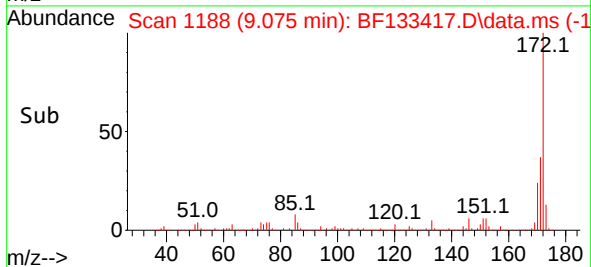
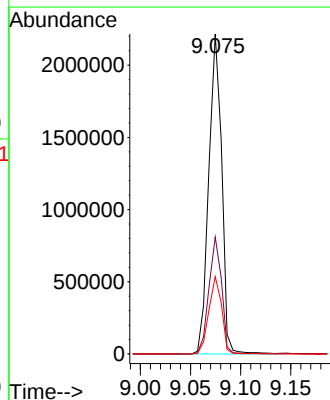
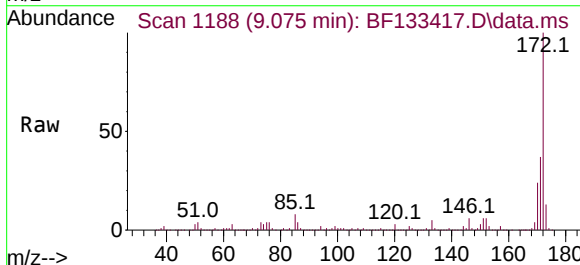
Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13

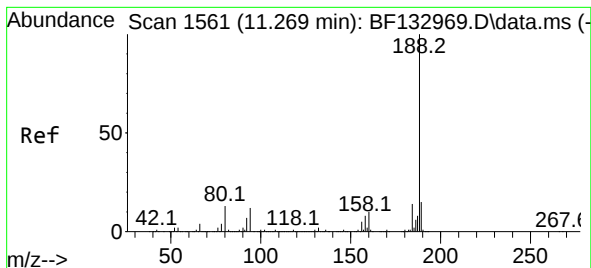
Tgt Ion:330 Resp: 473981
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 30.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 70.117 ng
 RT: 9.075 min Scan# 1188
 Delta R.T. -0.012 min
 Lab File: BF133417.D
 Acq: 17 May 2023 17:14

Tgt Ion:172 Resp: 1996166
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.8 43.2
 170 24.2 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: BF133417.D

Acq: 17 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13

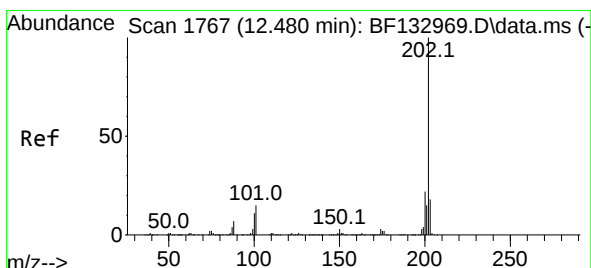
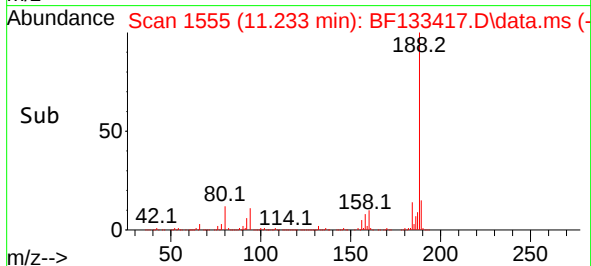
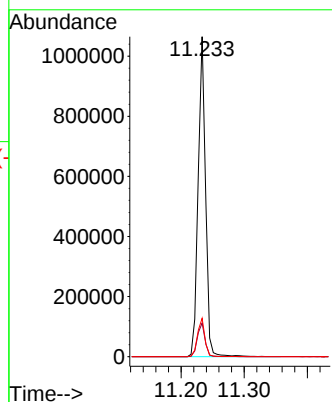
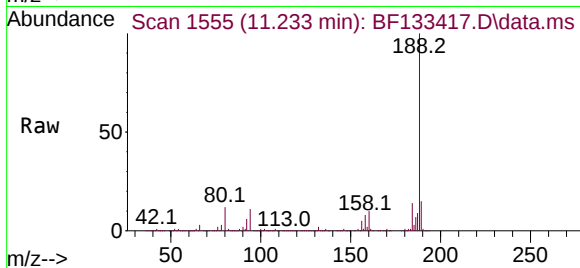
Tgt Ion:188 Resp: 862697

Ion Ratio Lower Upper

188 100

94 10.5 9.7 14.5

80 12.0 10.4 15.6



#75

Fluoranthene

Concen: 2.468 ng

RT: 12.445 min Scan# 1761

Delta R.T. -0.012 min

Lab File: BF133417.D

Acq: 17 May 2023 17:14

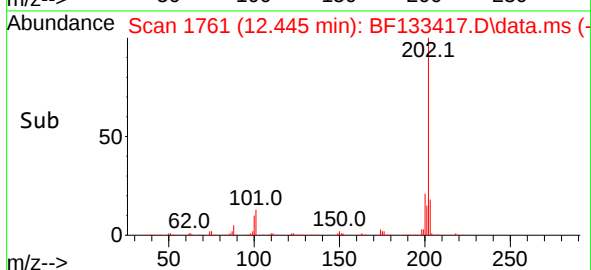
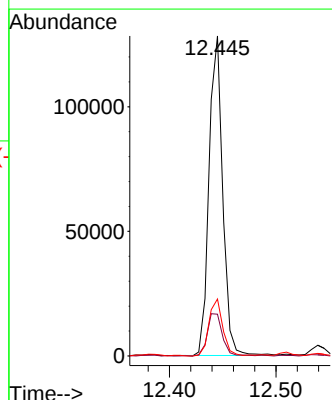
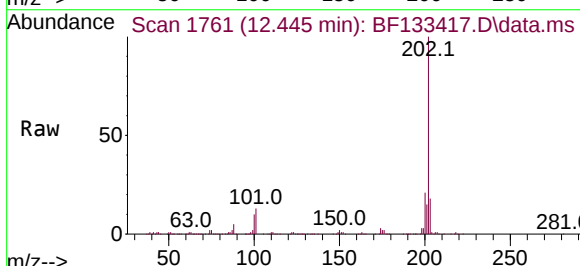
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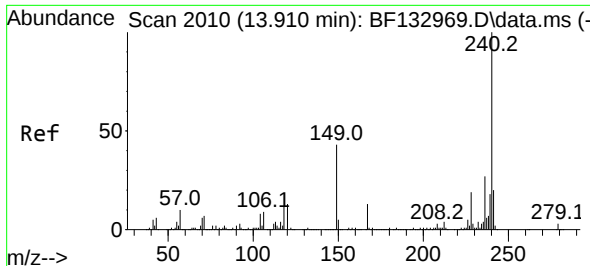
Ion Ratio Lower Upper

202 100

101 13.1 0.0 35.3

203 17.8 0.0 38.1

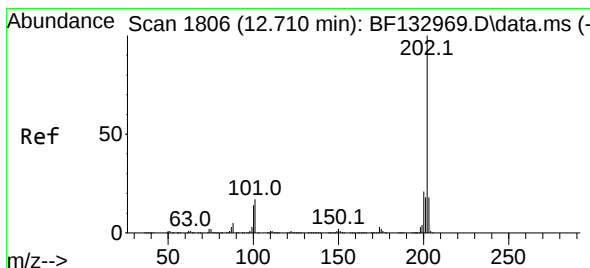
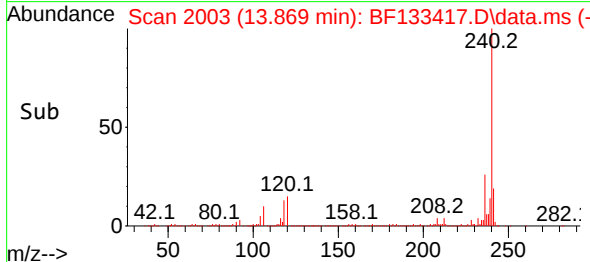
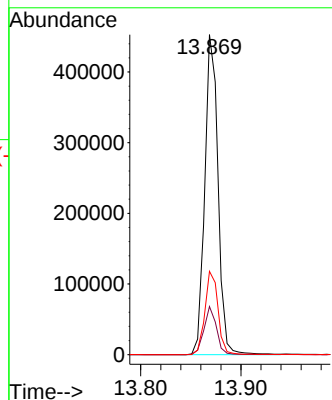
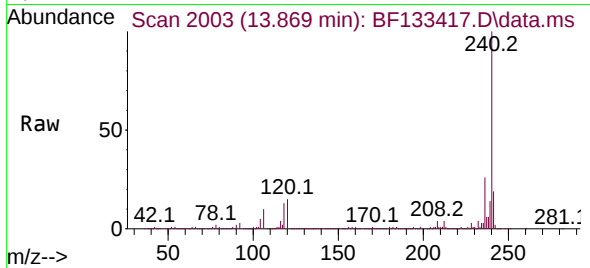




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF133417.D
Acq: 17 May 2023 17:14

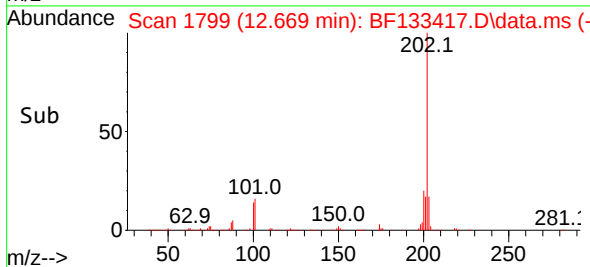
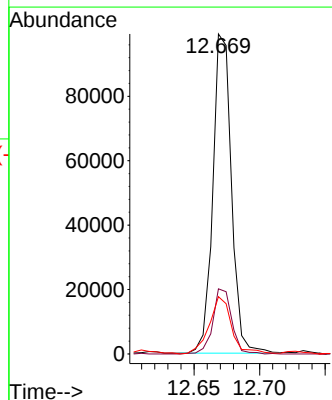
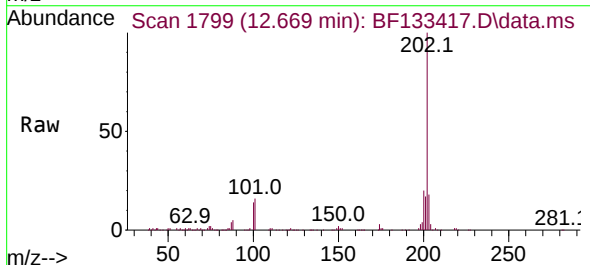
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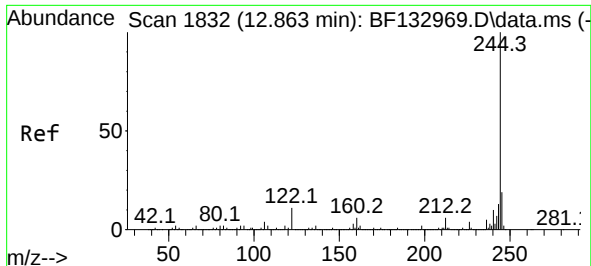
Tgt Ion:240 Resp: 417845
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 26.1 21.5 32.3



#78
Pyrene
Concen: 2.736 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.018 min
Lab File: BF133417.D
Acq: 17 May 2023 17:14

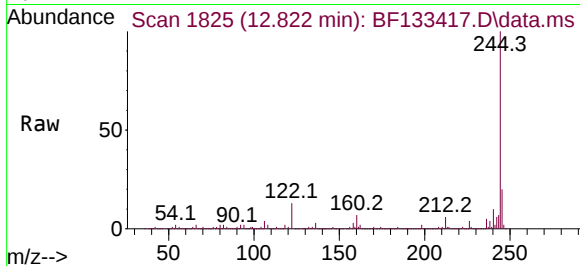
Tgt Ion:202 Resp: 98001
Ion Ratio Lower Upper
202 100
200 20.4 17.1 25.7
203 17.9 14.1 21.1



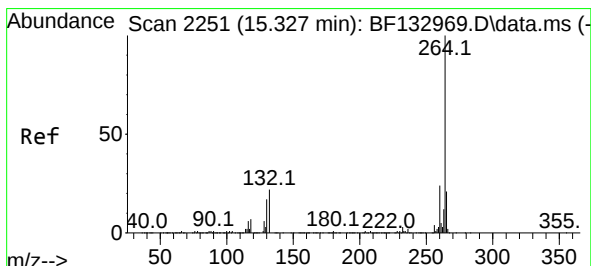
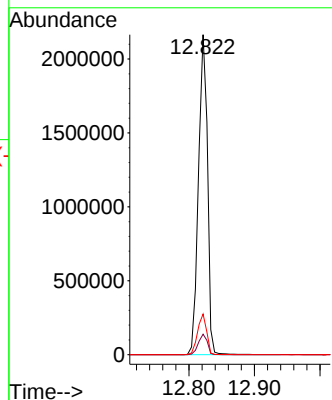
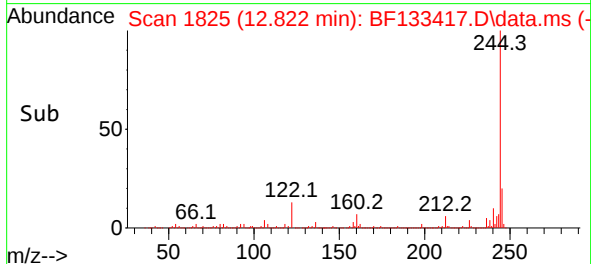


#79
 Terphenyl-d14
 Concen: 85.610 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133417.D
 Acq: 17 May 2023 17:14

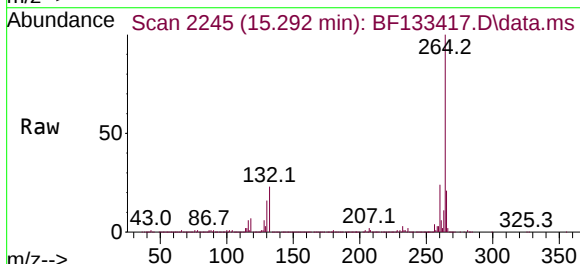
Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13



Tgt Ion:244 Resp: 2074124
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF133417.D
 Acq: 17 May 2023 17:14



Tgt Ion:264 Resp: 510941
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 20.9 17.0 25.4

