

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131123.D
 Acq On : 10 Nov 2022 14:59
 Operator : CG\JU
 Sample : N5494-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19

Quant Time: Nov 11 00:48:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

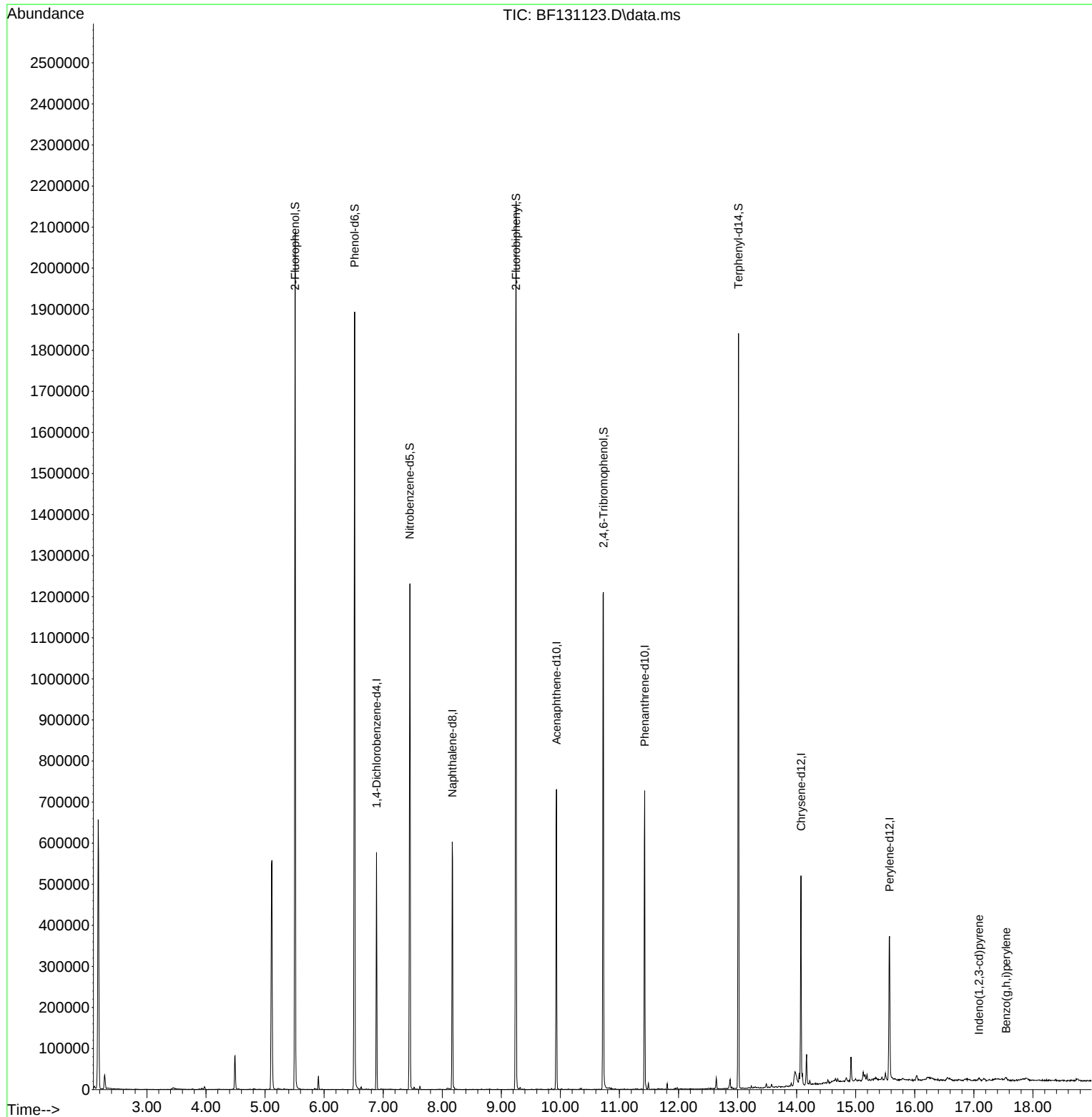
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	70692	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	270402	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	144867	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	254212	20.000	ng	0.00
76) Chrysene-d12	14.074	240	156978	20.000	ng	0.00
86) Perylene-d12	15.574	264	162496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	493108	118.625	ng	0.00
7) Phenol-d6	6.516	99	580659	106.846	ng	0.00
23) Nitrobenzene-d5	7.451	82	384323	64.128	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	145258	97.022	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	676830	65.221	ng	0.00
79) Terphenyl-d14	13.016	244	581972	65.002	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.086	276	4099	4.148	ng	Qvalue 95
92) Benzo(g,h,i)perylene	17.545	276	4397	4.716	ng	# 86

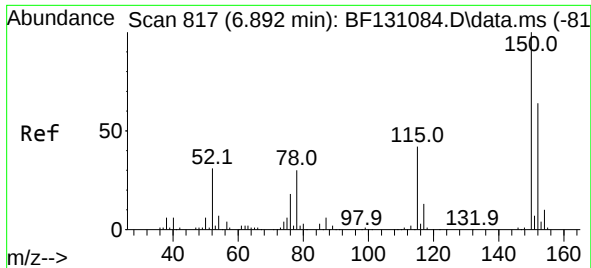
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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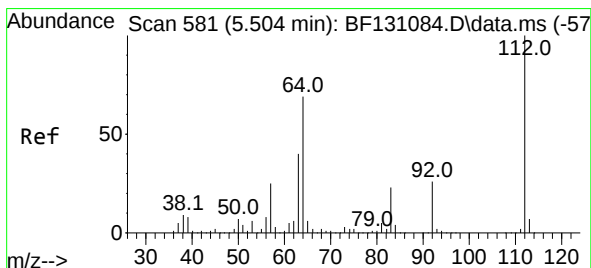
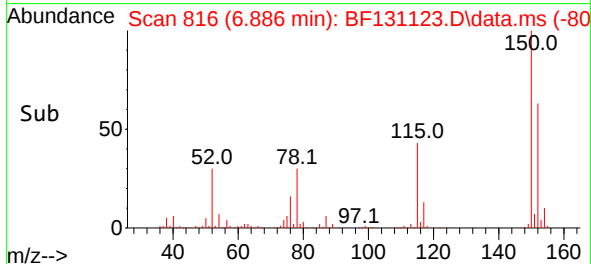
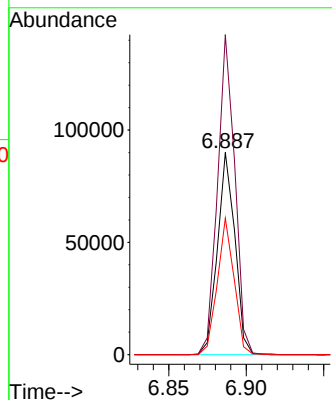
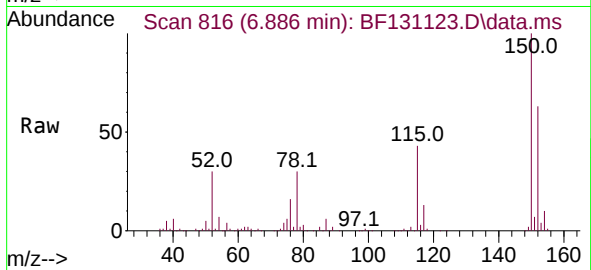




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

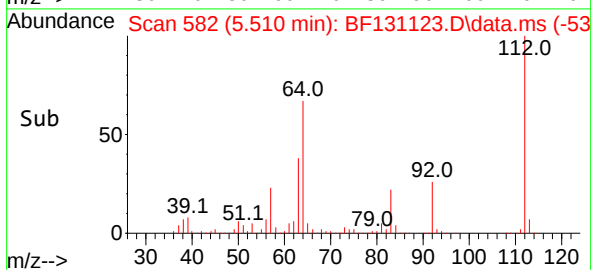
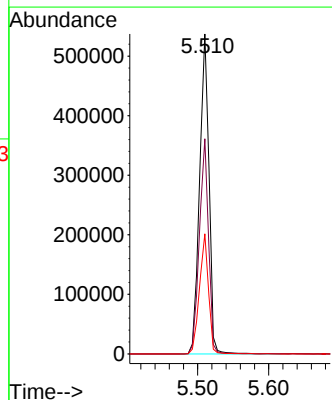
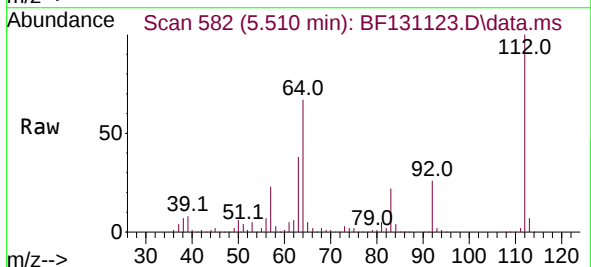
Instrument :
BNA_F
ClientSampleId :
SB-19

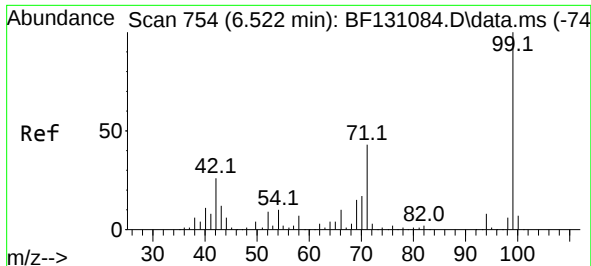
Tgt Ion:152 Resp: 70692
Ion Ratio Lower Upper
152 100
150 158.3 125.5 188.3
115 67.5 52.2 78.2



#5
2-Fluorophenol
Concen: 118.625 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:112 Resp: 493108
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 37.5 32.4 48.6





#7

Phenol-d6

Concen: 106.846 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

Instrument :

BNA_F

ClientSampleId :

SB-19

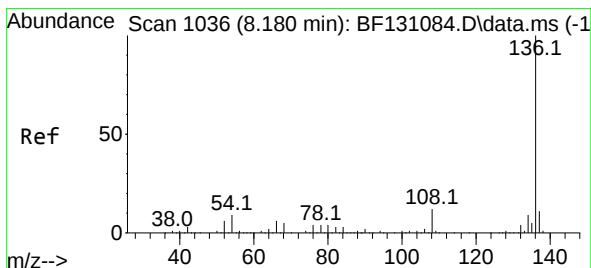
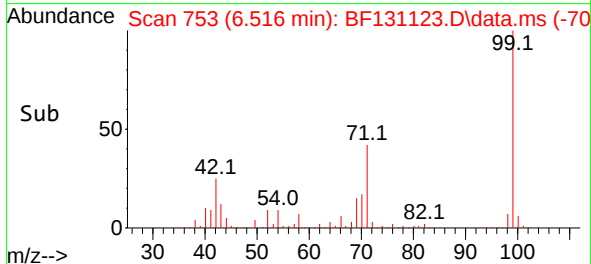
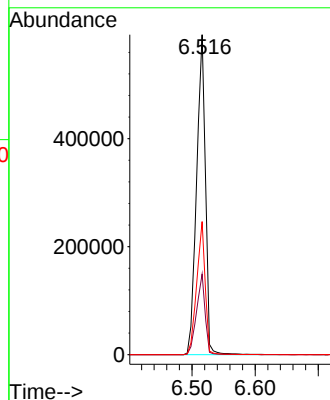
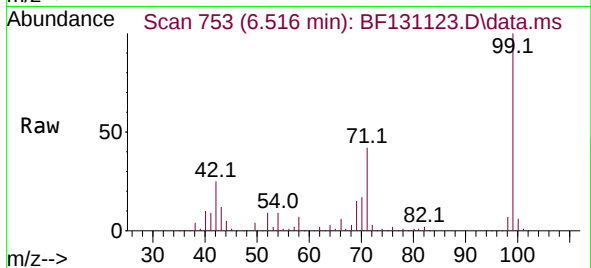
Tgt Ion: 99 Resp: 580659

Ion Ratio Lower Upper

99 100

42 25.2 20.8 31.2

71 41.6 34.2 51.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.011 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

Tgt Ion: 136 Resp: 270402

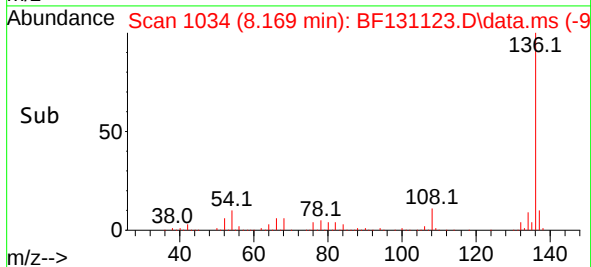
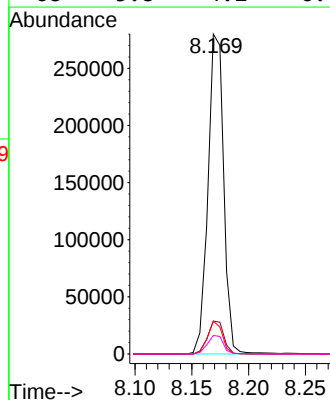
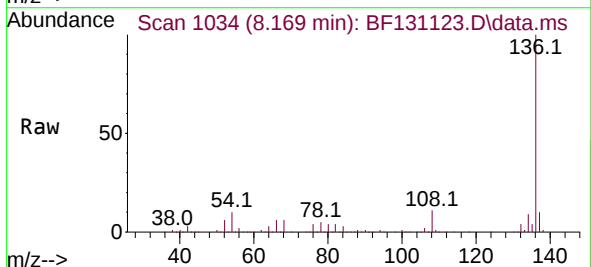
Ion Ratio Lower Upper

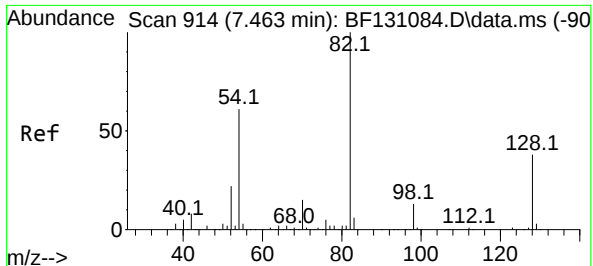
136 100

137 10.3 8.6 12.8

54 10.2 7.2 10.8

68 5.8 4.2 6.4





#23

Nitrobenzene-d5

Concen: 64.128 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

Instrument :

BNA_F

ClientSampleId :

SB-19

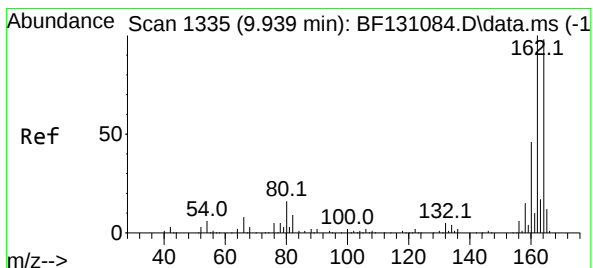
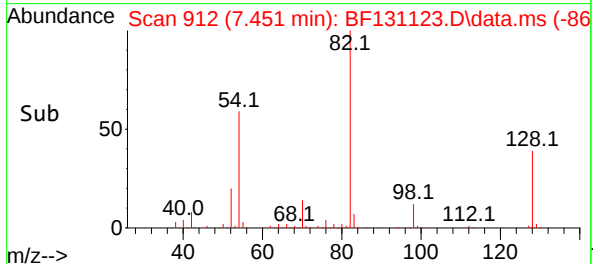
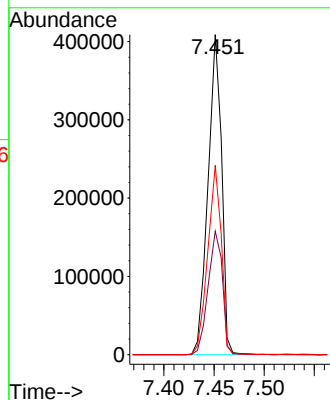
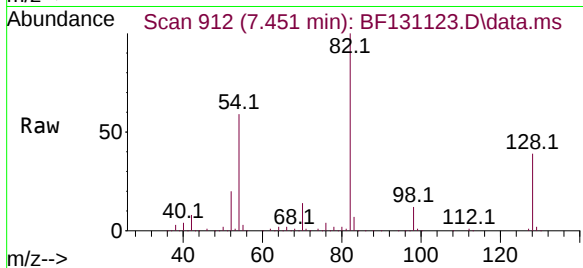
Tgt Ion: 82 Resp: 384323

Ion Ratio Lower Upper

82 100

128 38.6 30.5 45.7

54 59.1 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

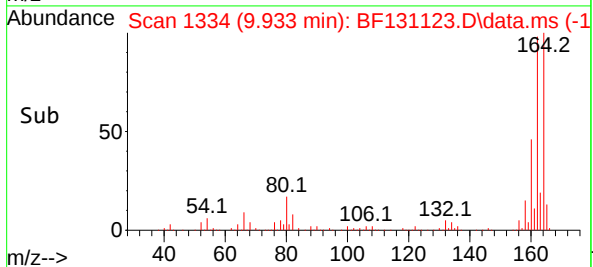
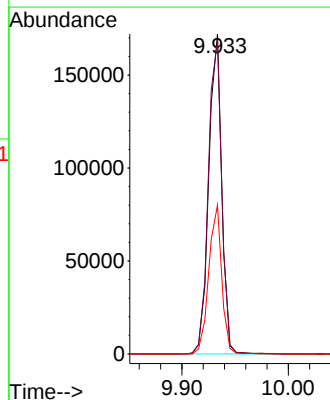
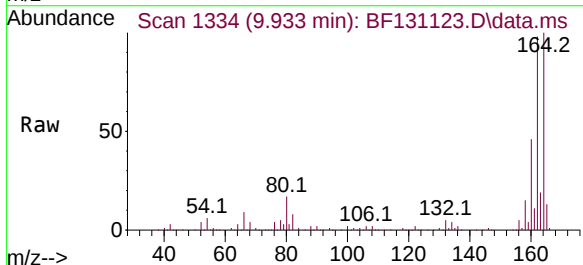
Tgt Ion:164 Resp: 144867

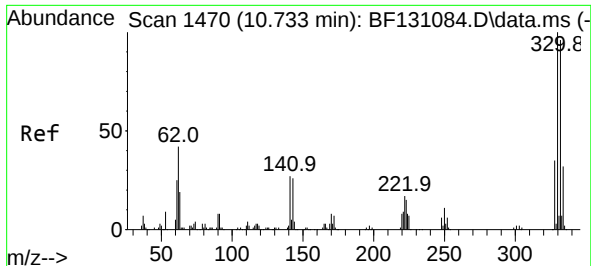
Ion Ratio Lower Upper

164 100

162 98.0 81.7 122.5

160 46.5 37.4 56.2

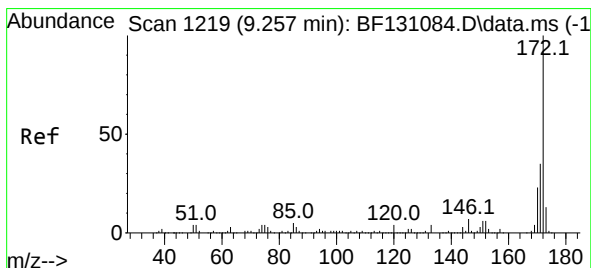
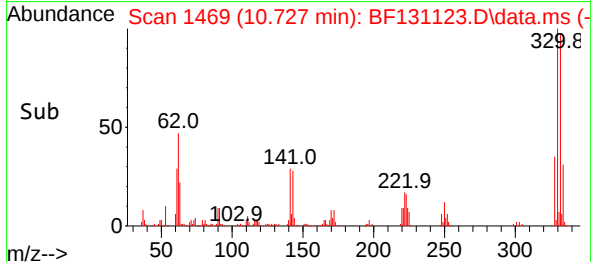
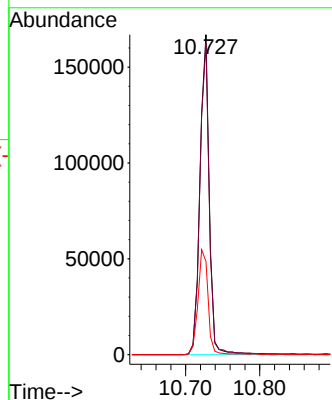
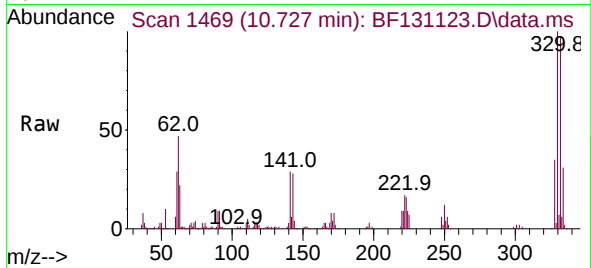




#42
2,4,6-Tribromophenol
Concen: 97.022 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

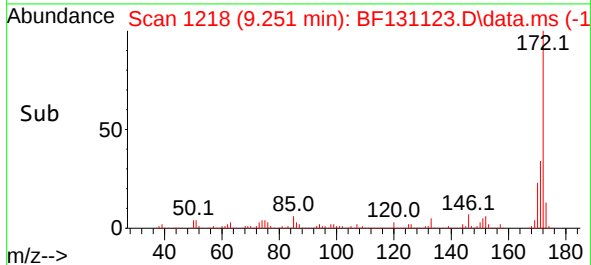
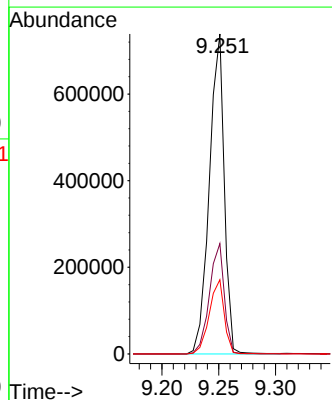
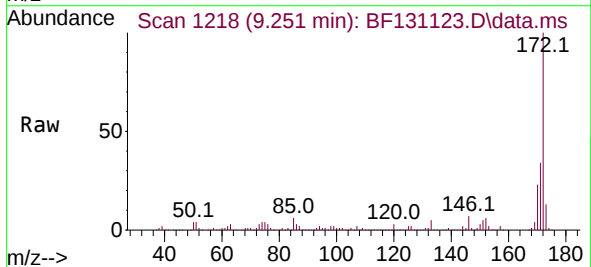
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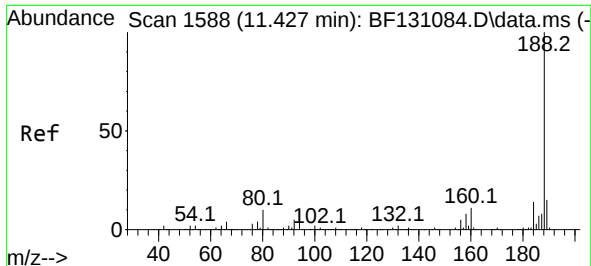
Tgt Ion:330 Resp: 145258
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 35.8 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 65.221 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:172 Resp: 676830
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 23.2 18.8 28.2

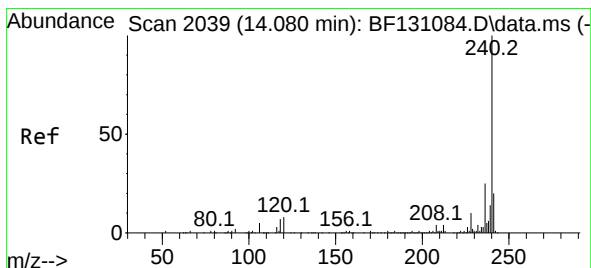
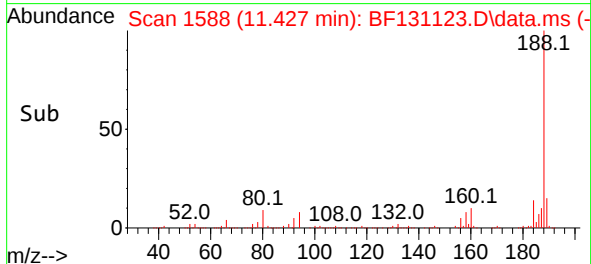
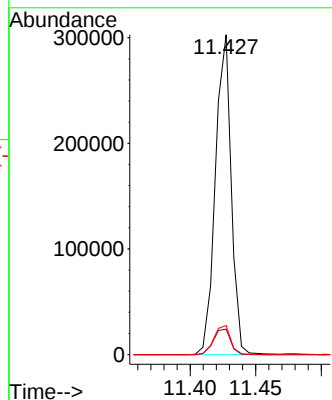
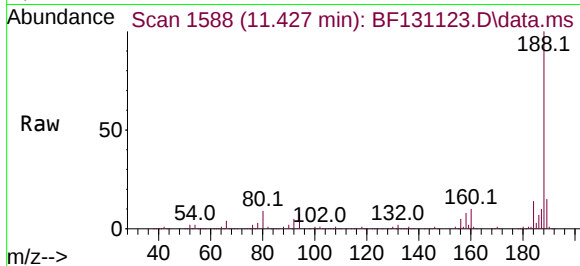




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

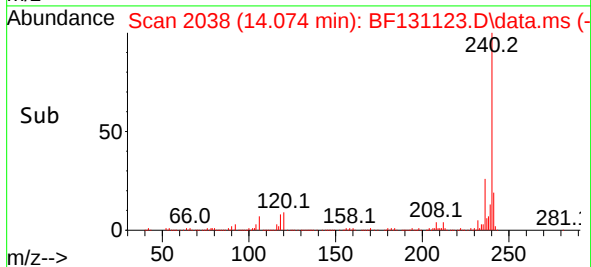
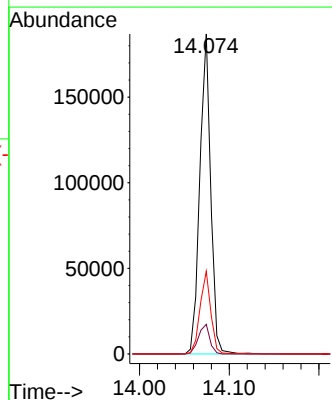
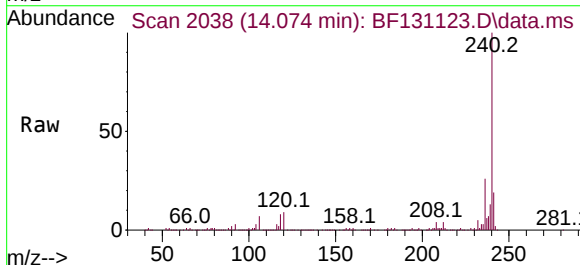
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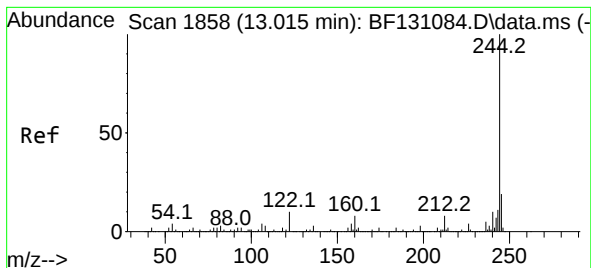
Tgt Ion:188 Resp: 254212
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 9.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131123.D
Acq: 10 Nov 2022 14:59

Tgt Ion:240 Resp: 156978
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.8 19.7 29.5





#79

Terphenyl-d14

Concen: 65.002 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

Instrument :

BNA_F

ClientSampleId :

SB-19

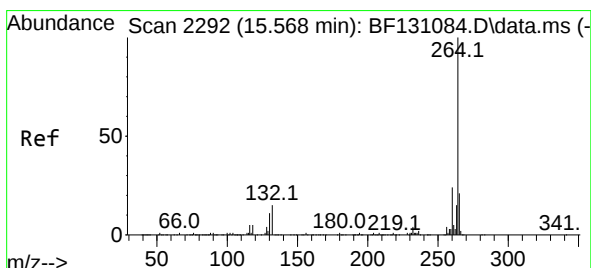
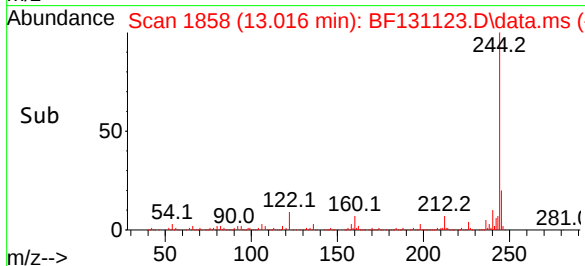
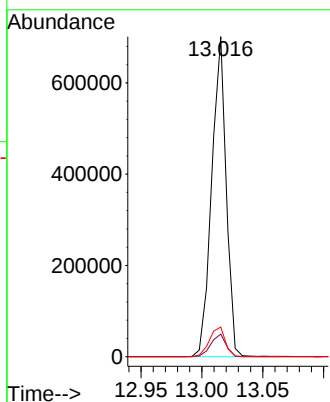
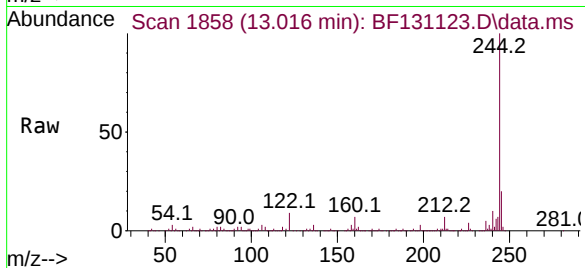
Tgt Ion:244 Resp: 581972

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 9.2 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF131123.D

Acq: 10 Nov 2022 14:59

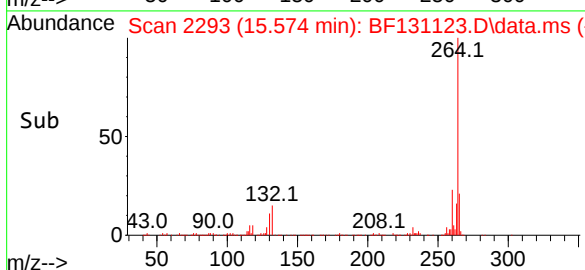
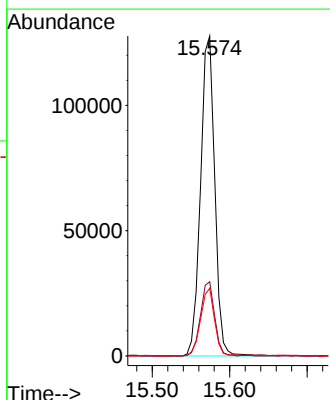
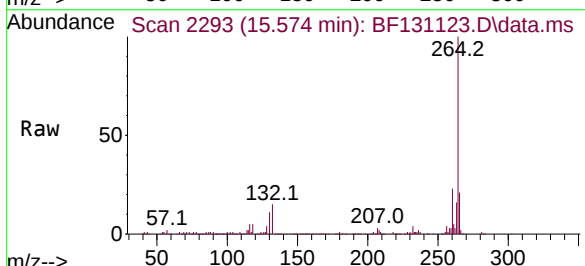
Tgt Ion:264 Resp: 162496

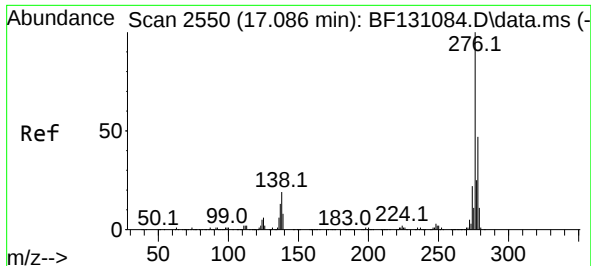
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 16.7 25.1

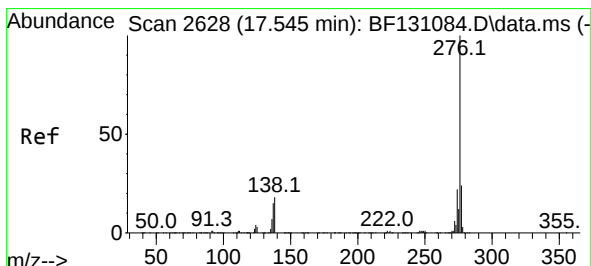
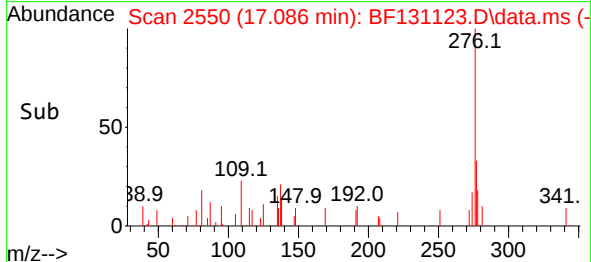
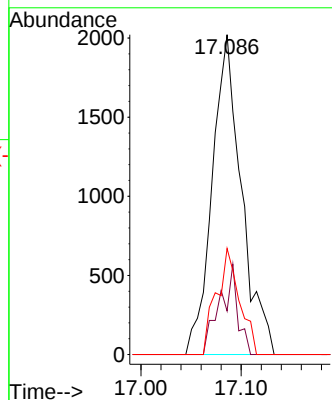
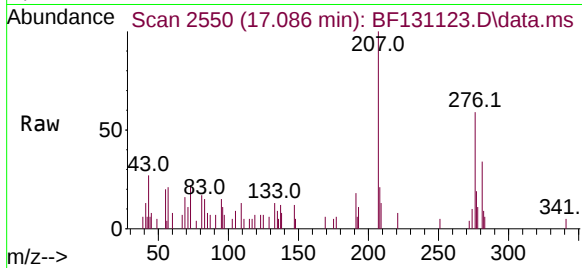




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.148 ng
 RT: 17.086 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131123.D
 Acq: 10 Nov 2022 14:59

Instrument :
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Tgt Ion:	276	Resp:	4099
Ion Ratio	Lower	Upper	
276	100		
138	17.2	16.9	25.3
277	26.2	20.3	30.5



#92
 Benzo(g,h,i)perylene
 Concen: 4.716 ng
 RT: 17.545 min Scan# 2628
 Delta R.T. -0.000 min
 Lab File: BF131123.D
 Acq: 10 Nov 2022 14:59

Tgt Ion:	276	Resp:	4397
Ion Ratio	Lower	Upper	
276	100		
277	26.6	19.0	28.4
138	29.2	14.6	21.8

