

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131128.D
 Acq On : 10 Nov 2022 18:00
 Operator : CG\JU
 Sample : N5494-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-22

Quant Time: Nov 11 00:49:59 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)

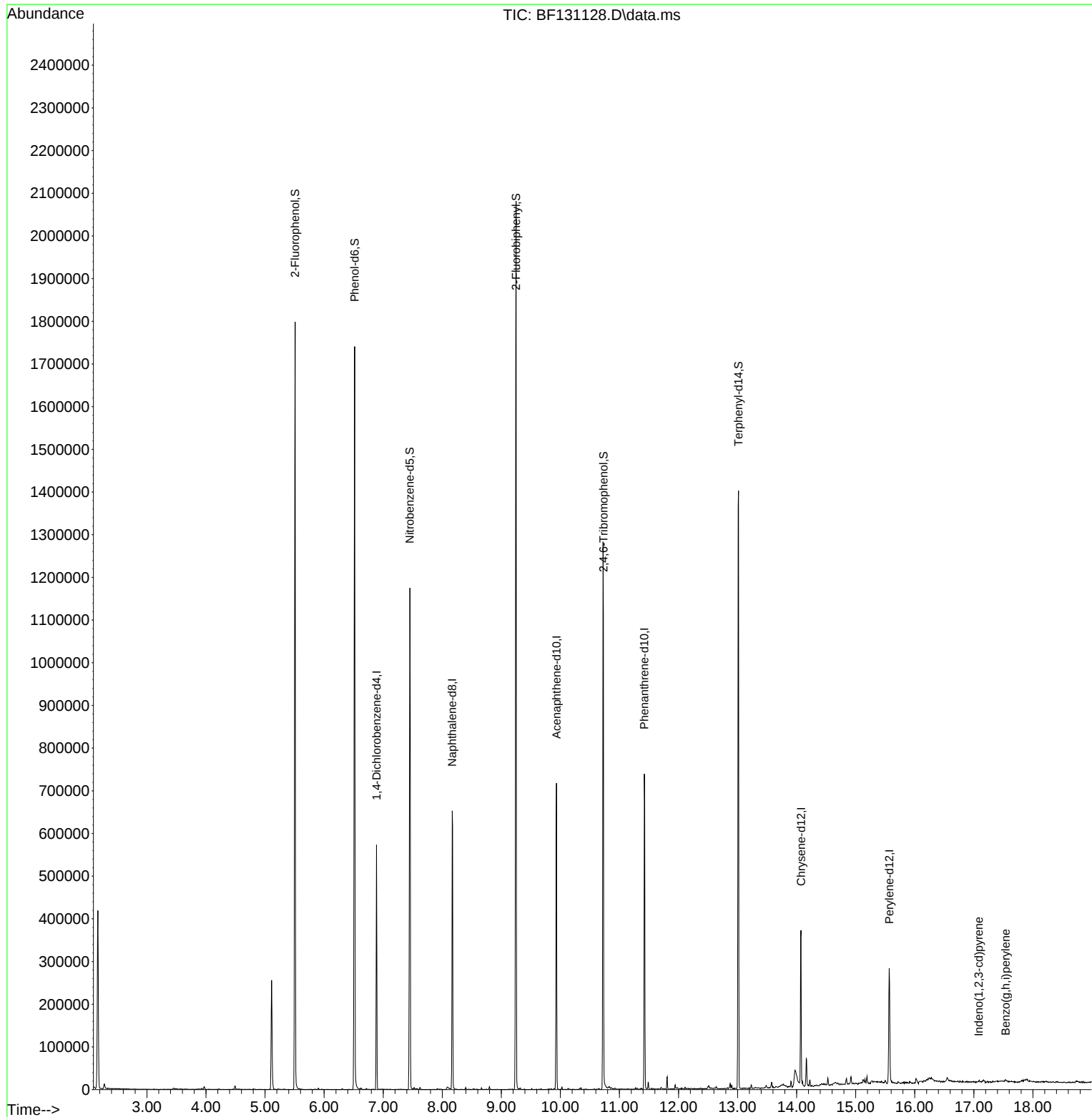
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	70676	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	287257	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	136194	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	271194	20.000	ng	0.00
76) Chrysene-d12	14.074	240	122625	20.000	ng	0.00
86) Perylene-d12	15.568	264	122560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	423072	101.800	ng	0.00
7) Phenol-d6	6.516	99	522886	96.237	ng	0.00
23) Nitrobenzene-d5	7.451	82	368266	57.843	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	141556	100.571	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	598945	61.391	ng	0.00
79) Terphenyl-d14	13.015	244	478579	68.428	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	2642	4.107	ng	Qvalue 97
92) Benzo(g,h,i)perylene	17.539	276	2789	4.660	ng	# 84

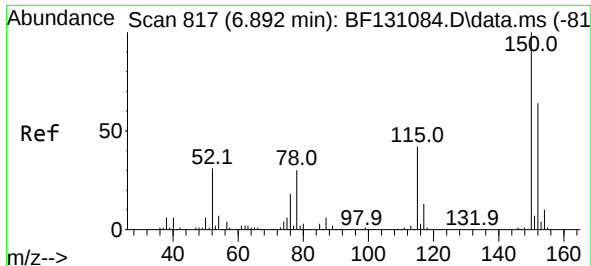
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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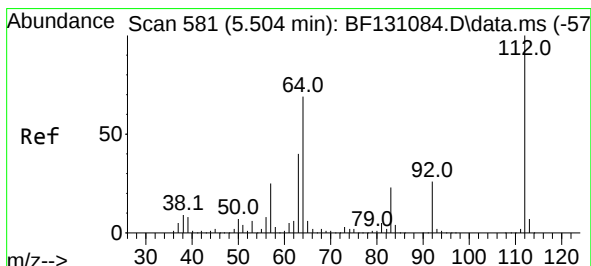
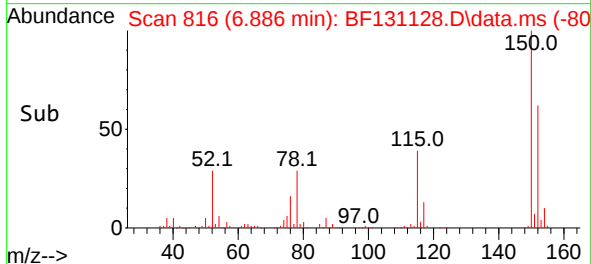
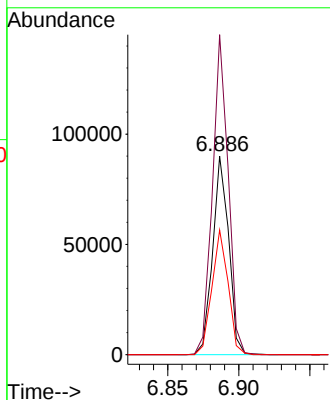
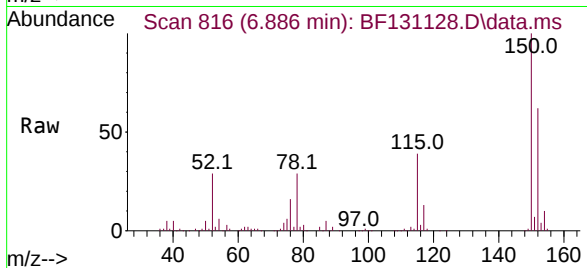




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

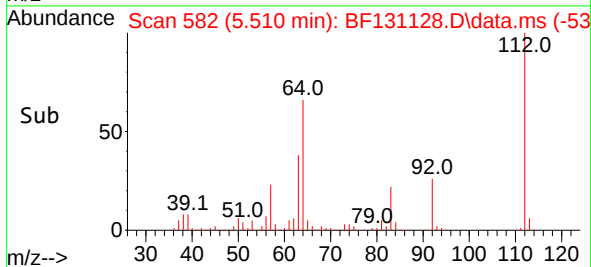
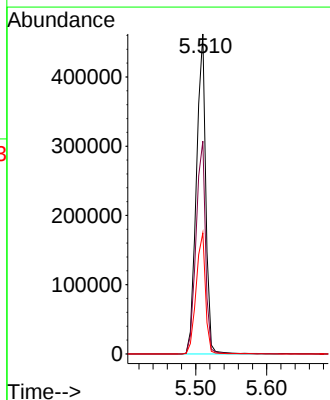
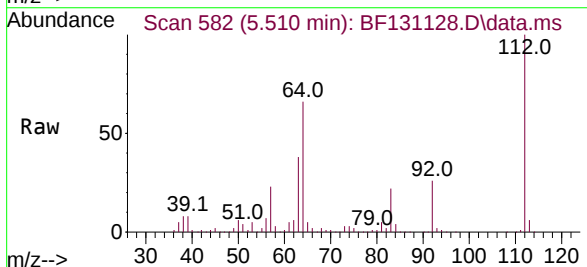
Instrument :
 BNA_F
 ClientSampleId :
 SB-22

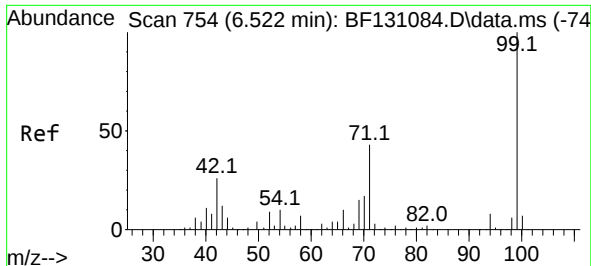
Tgt Ion:152 Resp: 70676
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.5 188.3
 115 62.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 101.800 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

Tgt Ion:112 Resp: 423072
 Ion Ratio Lower Upper
 112 100
 64 66.5 55.1 82.7
 63 37.8 32.4 48.6

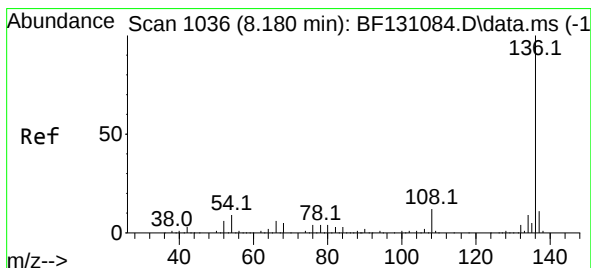
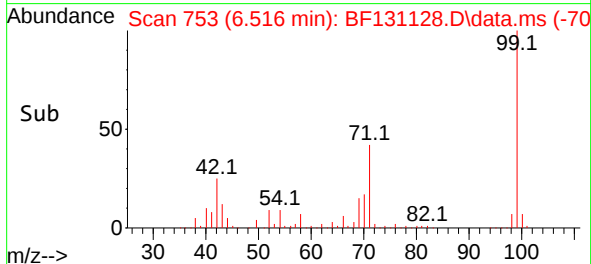
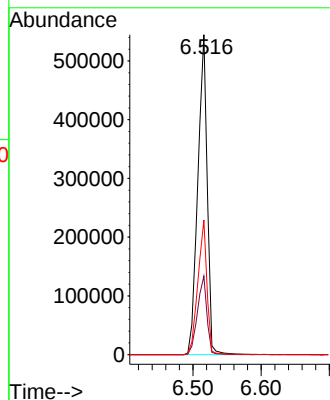
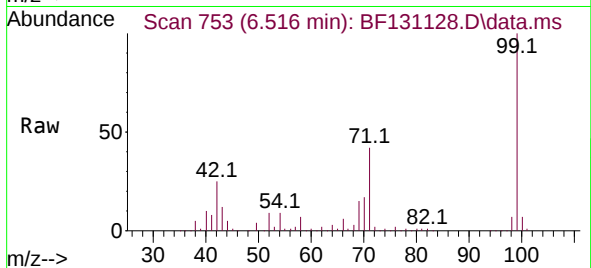




#7
Phenol-d6
Concen: 96.237 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

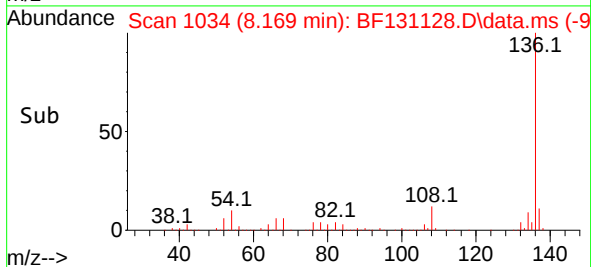
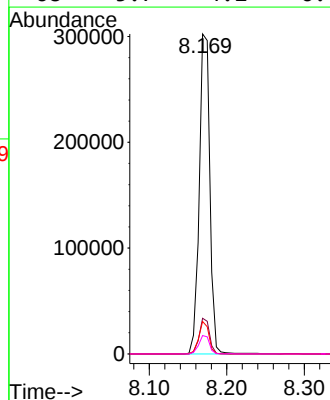
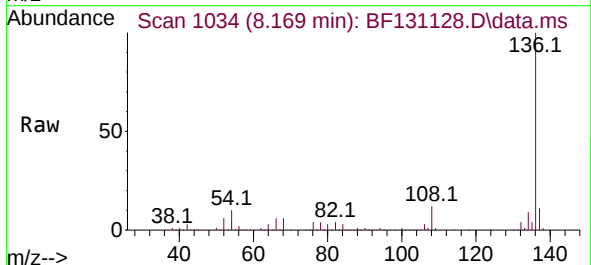
Instrument :
BNA_F
ClientSampleId :
SB-22

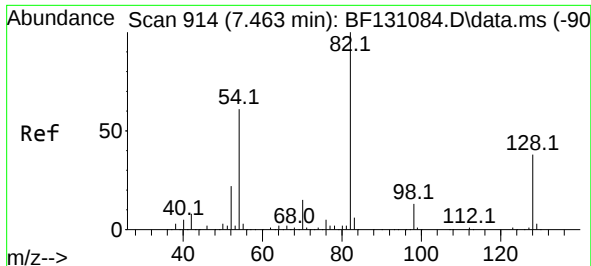
Tgt Ion: 99 Resp: 522886
Ion Ratio Lower Upper
99 100
42 24.5 20.8 31.2
71 42.0 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion: 136 Resp: 287257
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 7.2 10.8
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 57.843 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131128.D

Acq: 10 Nov 2022 18:00

Instrument :

BNA_F

ClientSampleId :

SB-22

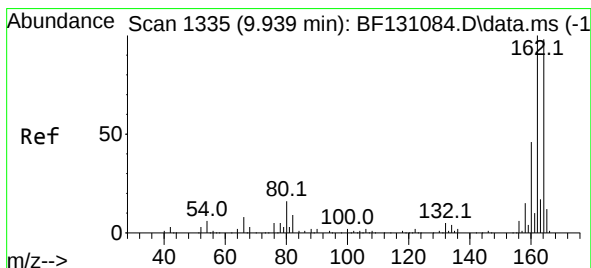
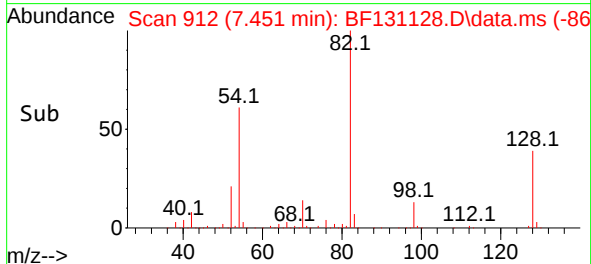
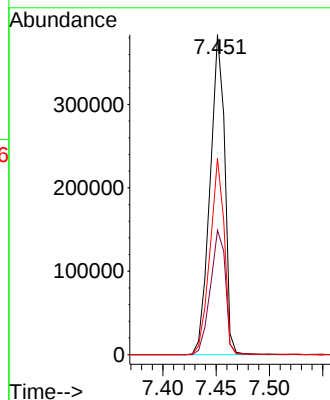
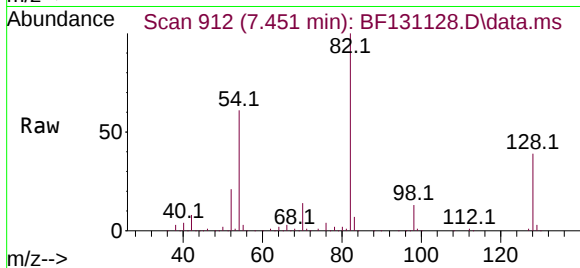
Tgt Ion: 82 Resp: 368266

Ion Ratio Lower Upper

82 100

128 38.9 30.5 45.7

54 61.3 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: BF131128.D

Acq: 10 Nov 2022 18:00

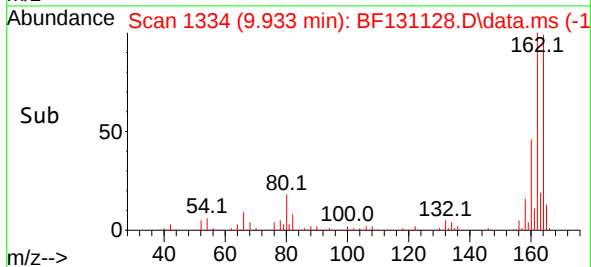
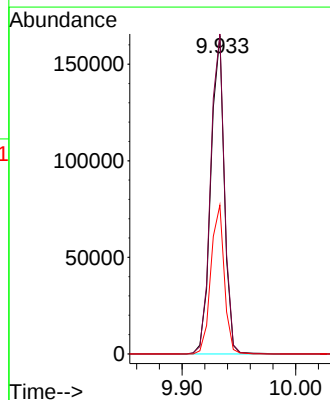
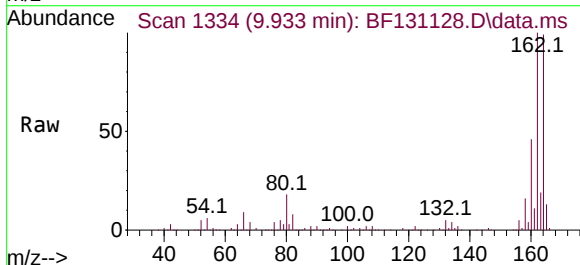
Tgt Ion:164 Resp: 136194

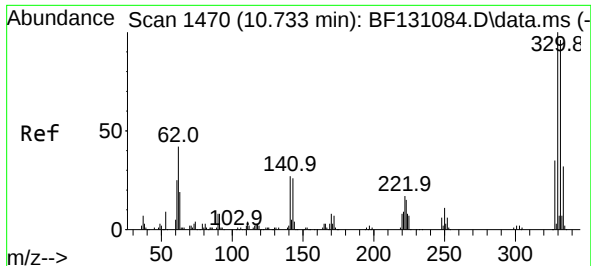
Ion Ratio Lower Upper

164 100

162 100.5 81.7 122.5

160 46.7 37.4 56.2

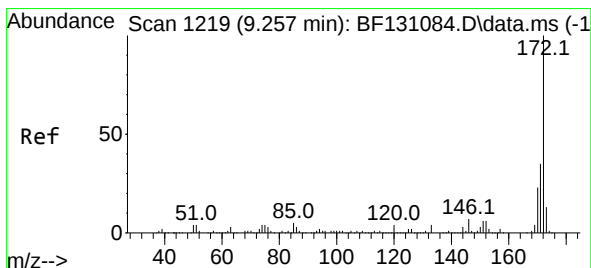
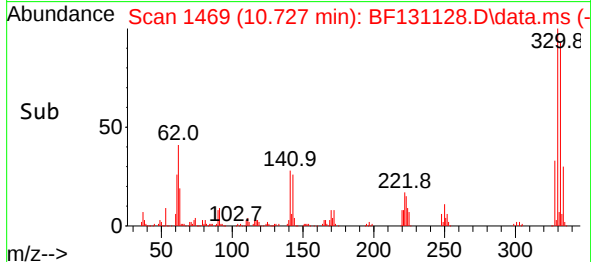
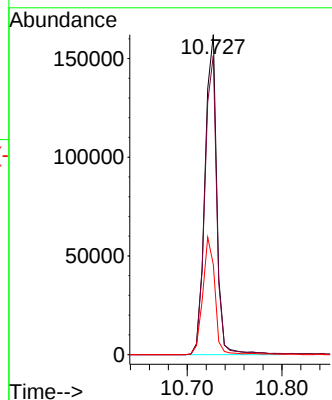
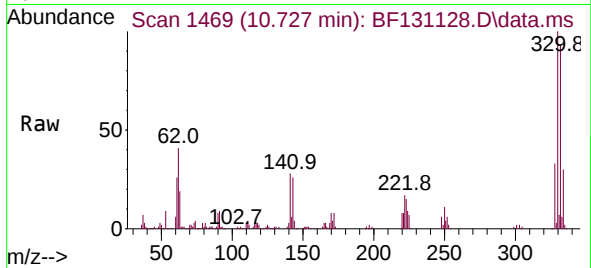




#42
 2,4,6-Tribromophenol
 Concen: 100.571 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

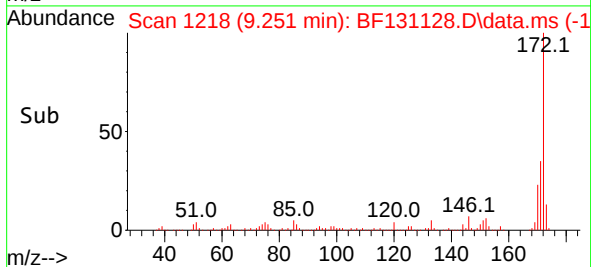
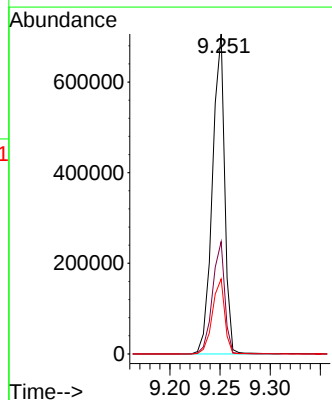
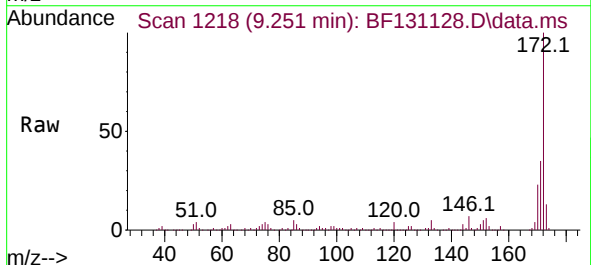
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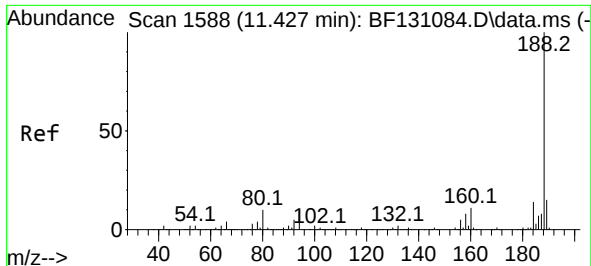
Tgt Ion:330 Resp: 141556
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.4
 141 37.3 28.5 42.7



#45
 2-Fluorobiphenyl
 Concen: 61.391 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

Tgt Ion:172 Resp: 598945
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.7 41.5
 170 23.4 18.8 28.2

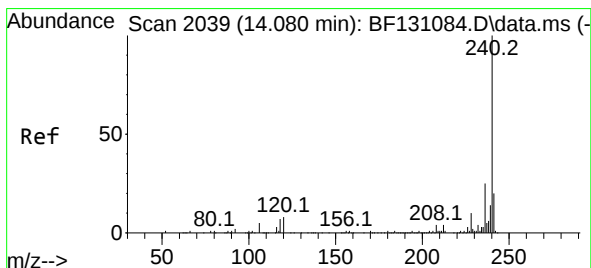
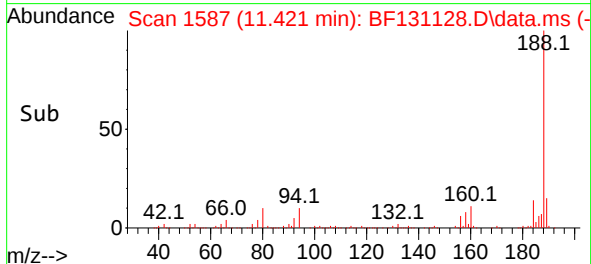
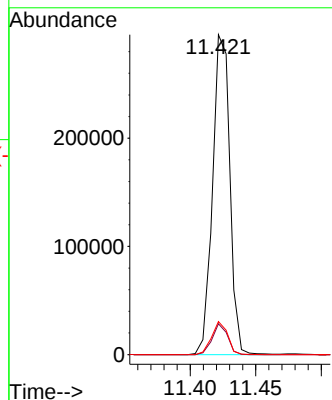
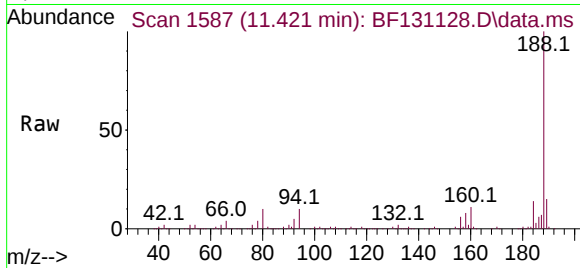




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

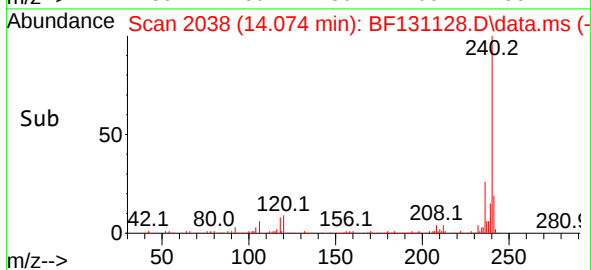
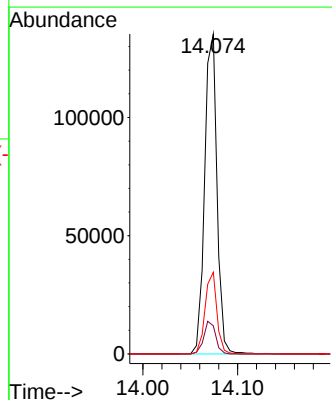
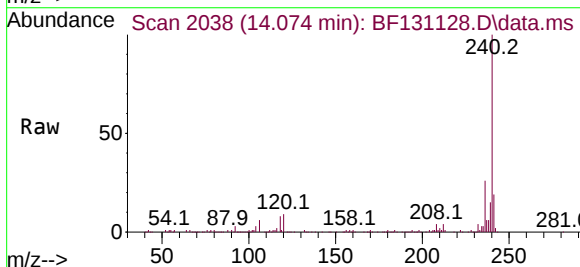
Instrument :
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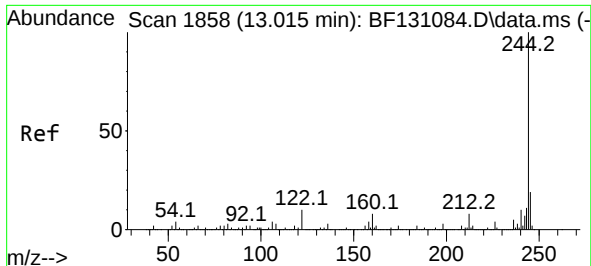
Tgt Ion:188 Resp: 271194
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131128.D
Acq: 10 Nov 2022 18:00

Tgt Ion:240 Resp: 122625
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.5 19.7 29.5

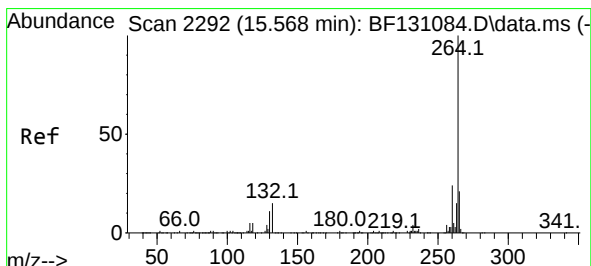
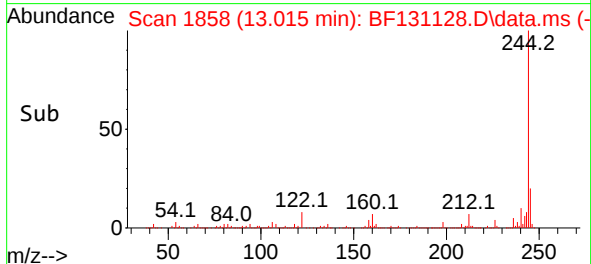
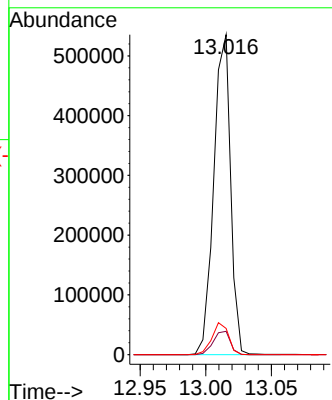
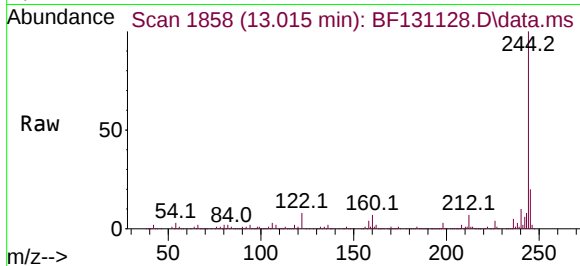




#79
 Terphenyl-d14
 Concen: 68.428 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

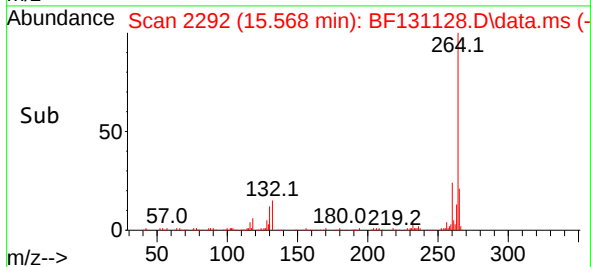
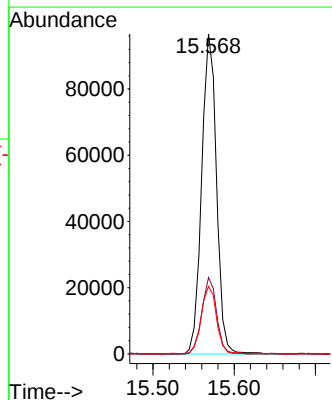
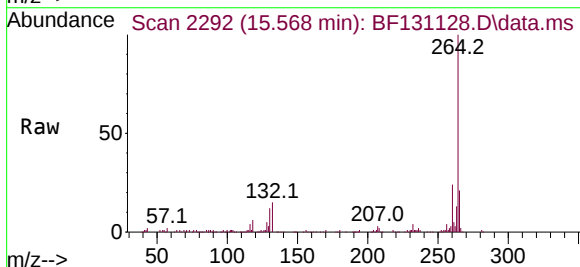
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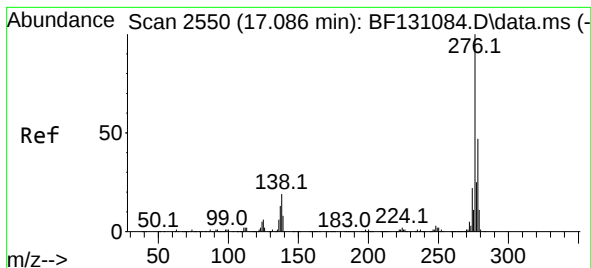
Tgt Ion:244 Resp: 478579
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131128.D
 Acq: 10 Nov 2022 18:00

Tgt Ion:264 Resp: 122560
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.107 ng

RT: 17.080 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BF131128.D

Acq: 10 Nov 2022 18:00

Instrument :

BNA_F

ClientSampleId :

SB-22

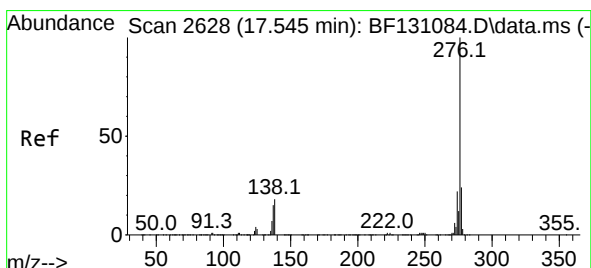
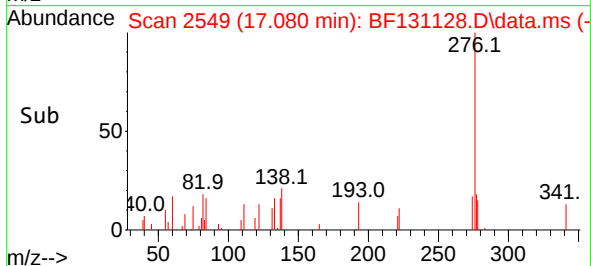
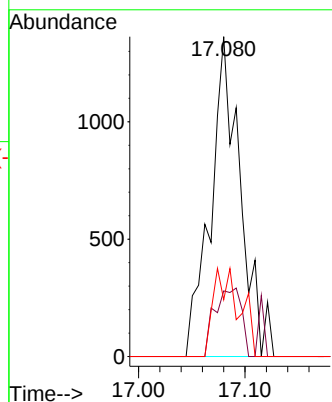
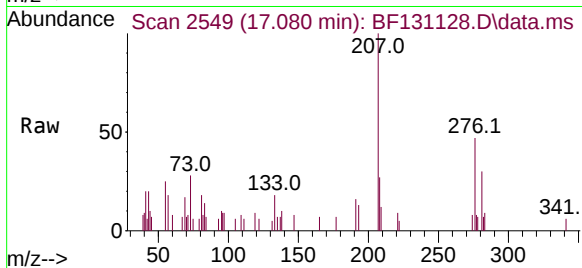
Tgt Ion:276 Resp: 2642

Ion Ratio Lower Upper

276 100

138 19.2 16.9 25.3

277 24.0 20.3 30.5



#92

Benzo(g,h,i)perylene

Concen: 4.660 ng

RT: 17.539 min Scan# 2627

Delta R.T. -0.006 min

Lab File: BF131128.D

Acq: 10 Nov 2022 18:00

Tgt Ion:276 Resp: 2789

Ion Ratio Lower Upper

276 100

277 27.9 19.0 28.4

138 29.4 14.6 21.8#

