

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131127.D
 Acq On : 10 Nov 2022 17:27
 Operator : CG\JU
 Sample : N5494-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23

Quant Time: Nov 11 00:49:45 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)

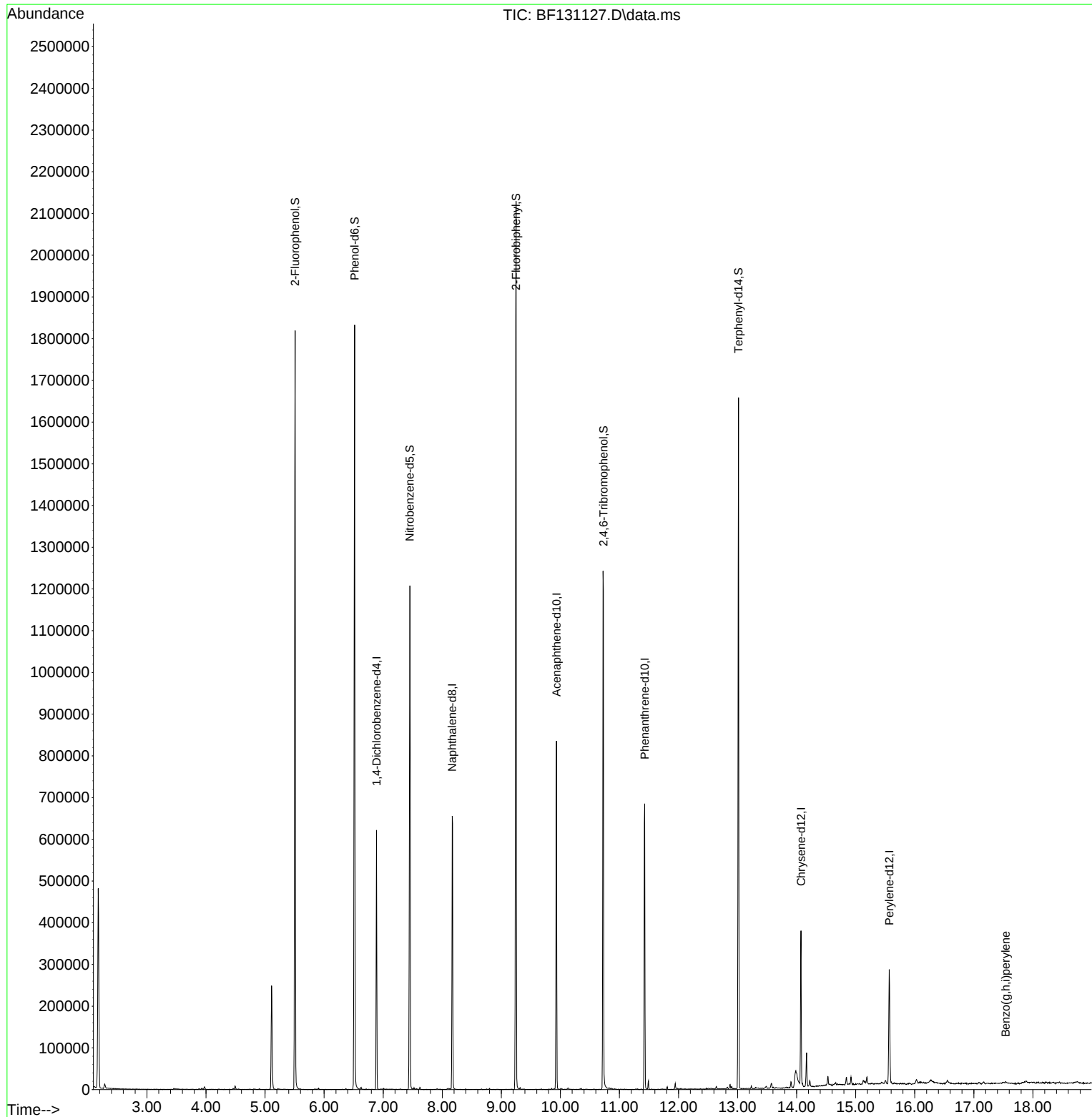
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	76605	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	296865	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	160301	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	251572	20.000	ng	0.00
76) Chrysene-d12	14.074	240	122116	20.000	ng	0.00
86) Perylene-d12	15.568	264	123305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	428539	95.135	ng	0.00
7) Phenol-d6	6.516	99	545648	92.654	ng	0.00
23) Nitrobenzene-d5	7.451	82	369827	56.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	146382	88.359	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	650760	56.671	ng	0.00
79) Terphenyl-d14	13.015	244	532186	76.410	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.539	276	2326	4.610	ng	Qvalue 94

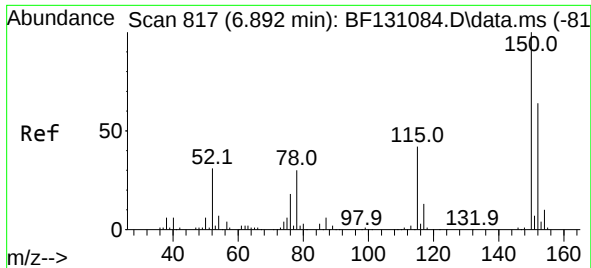
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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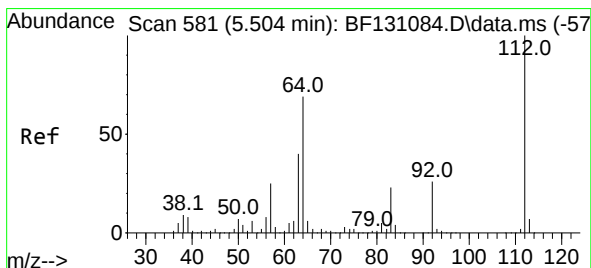
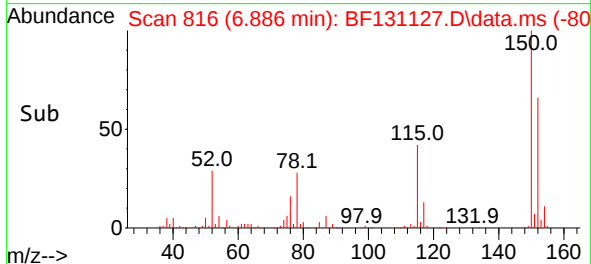
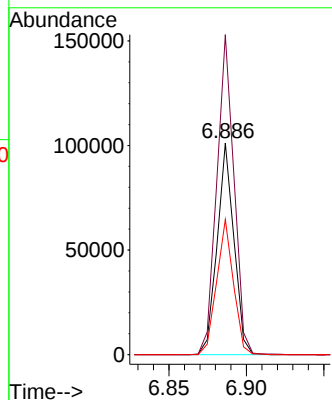
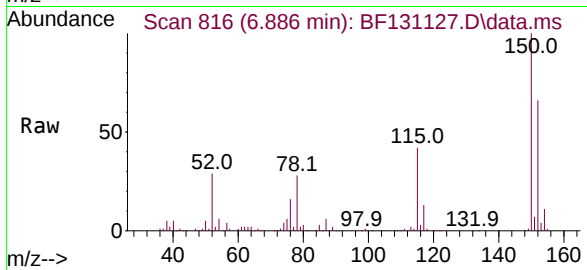




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

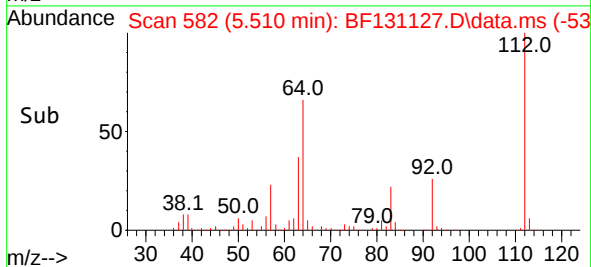
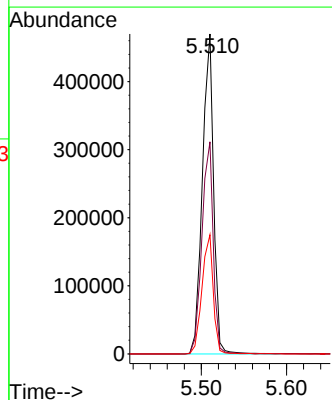
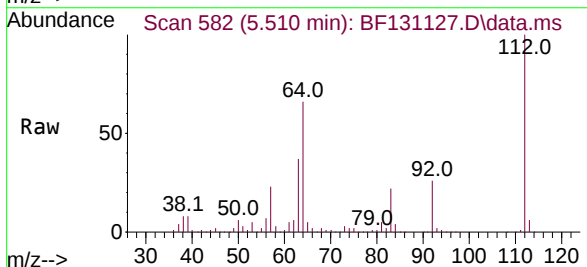
Instrument :
BNA_F
ClientSampleId :
SB-23

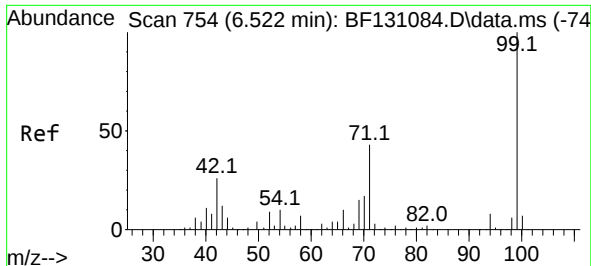
Tgt Ion:152 Resp: 76605
Ion Ratio Lower Upper
152 100
150 151.2 125.5 188.3
115 63.9 52.2 78.2



#5
2-Fluorophenol
Concen: 95.135 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:112 Resp: 428539
Ion Ratio Lower Upper
112 100
64 66.3 55.1 82.7
63 37.2 32.4 48.6

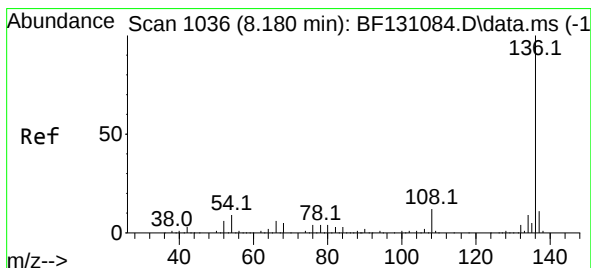
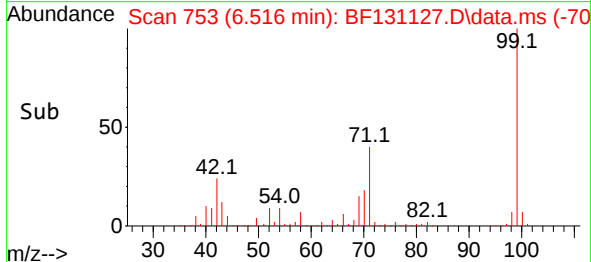
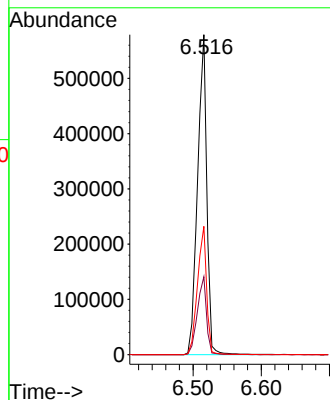
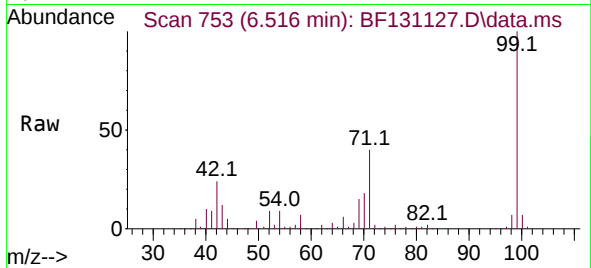




#7
Phenol-d6
Concen: 92.654 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

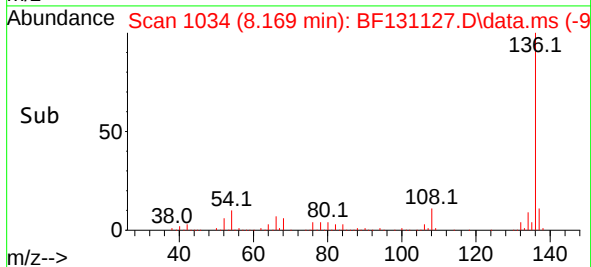
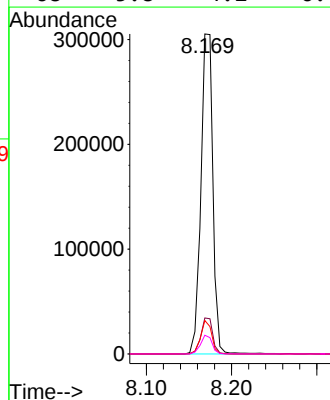
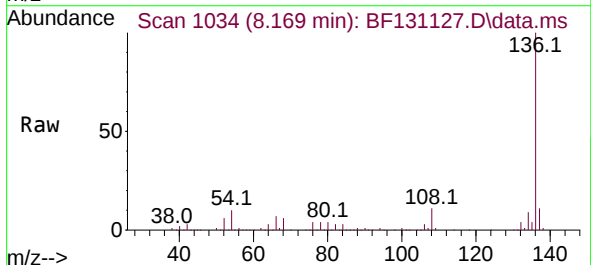
Instrument :
BNA_F
ClientSampleId :
SB-23

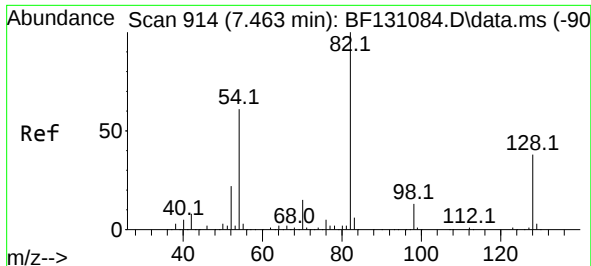
Tgt Ion: 99 Resp: 545648
Ion Ratio Lower Upper
99 100
42 24.3 20.8 31.2
71 40.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion: 136 Resp: 296865
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.4 7.2 10.8
68 5.8 4.2 6.4

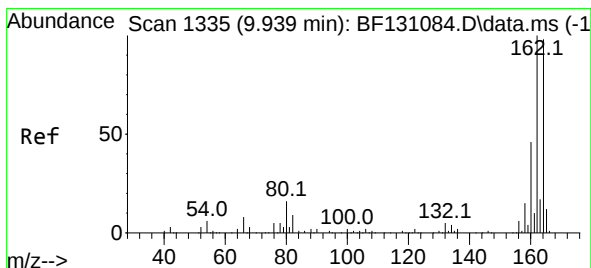
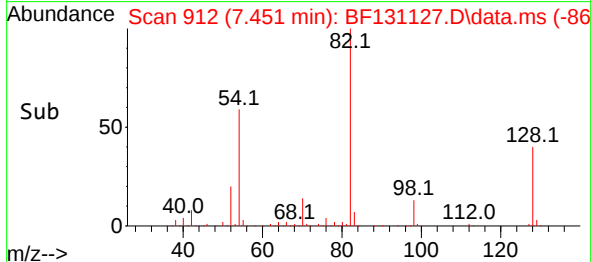
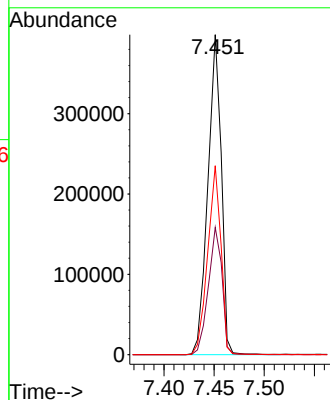
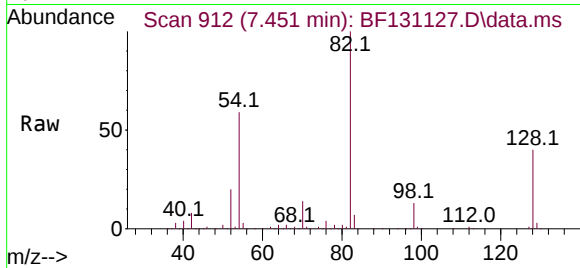




#23
Nitrobenzene-d5
Concen: 56.208 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

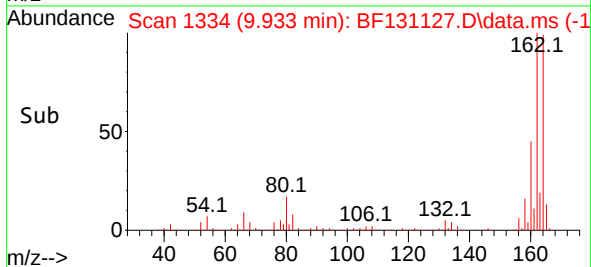
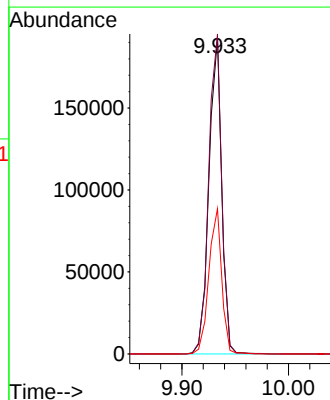
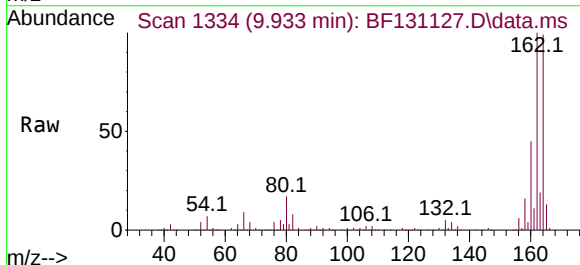
Instrument :
BNA_F
ClientSampleId :
SB-23

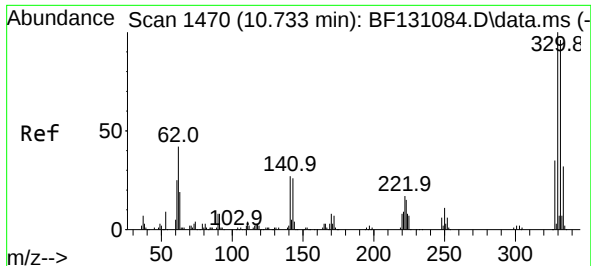
Tgt Ion: 82 Resp: 369827
Ion Ratio Lower Upper
82 100
128 39.7 30.5 45.7
54 59.0 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

Tgt Ion:164 Resp: 160301
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 46.0 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 88.359 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131127.D

Acq: 10 Nov 2022 17:27

Instrument :

BNA_F

ClientSampleId :

SB-23

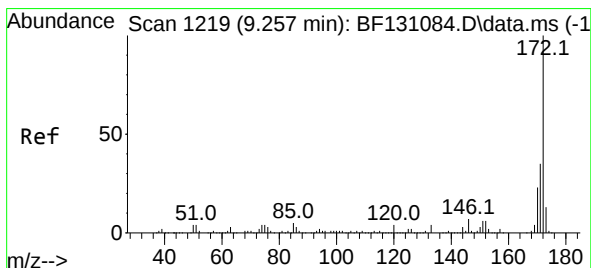
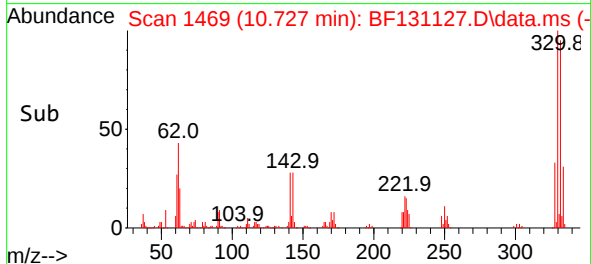
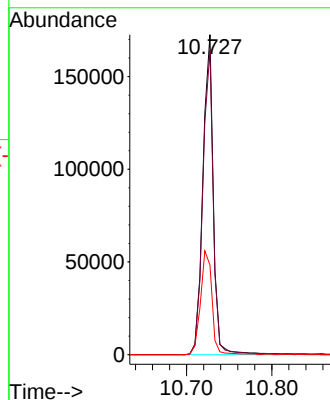
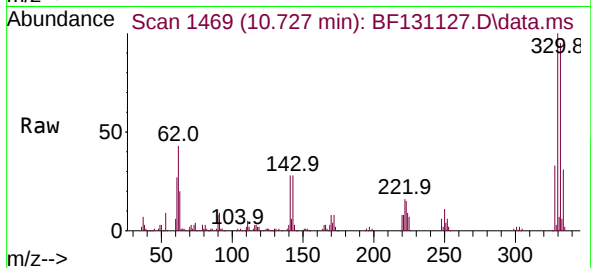
Tgt Ion:330 Resp: 146382

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 35.5 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 56.671 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131127.D

Acq: 10 Nov 2022 17:27

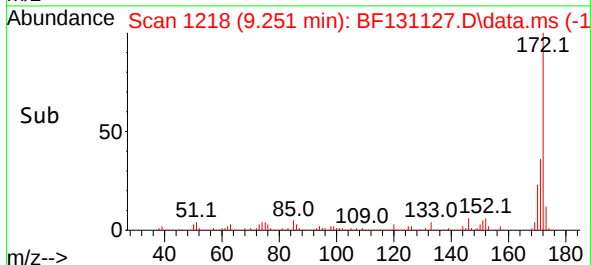
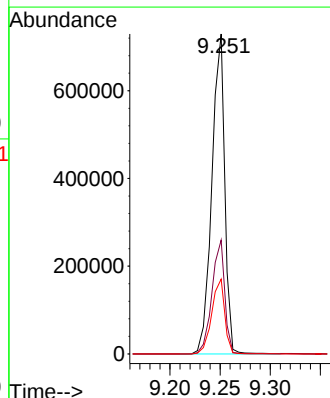
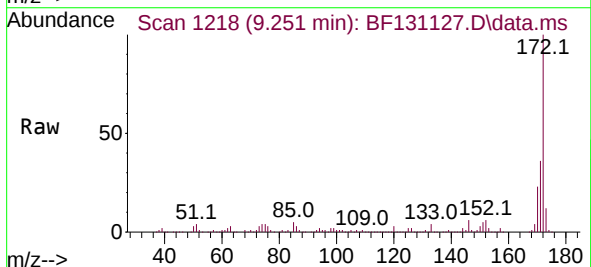
Tgt Ion:172 Resp: 650760

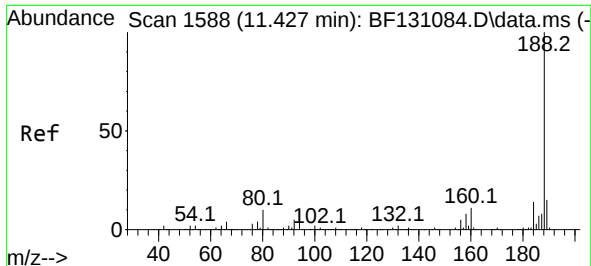
Ion Ratio Lower Upper

172 100

171 35.6 27.7 41.5

170 23.4 18.8 28.2

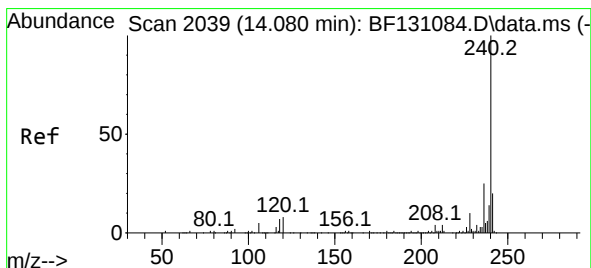
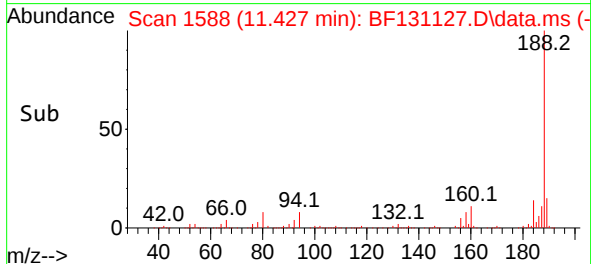
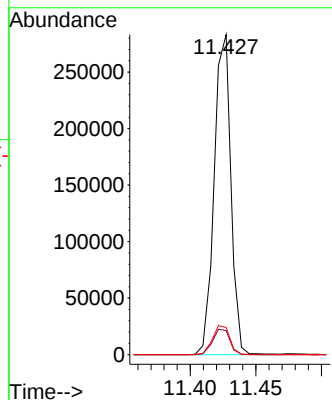
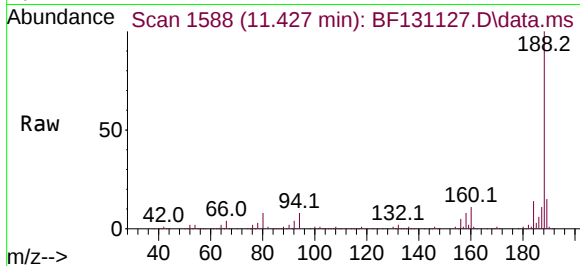




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

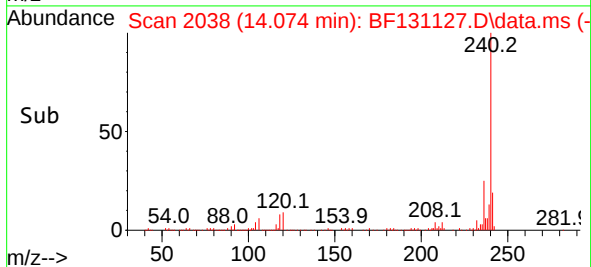
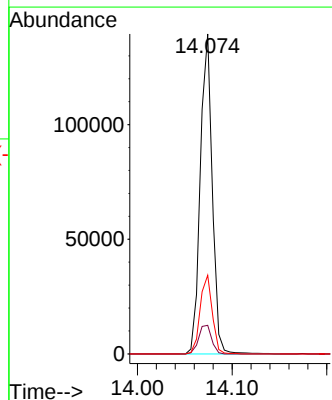
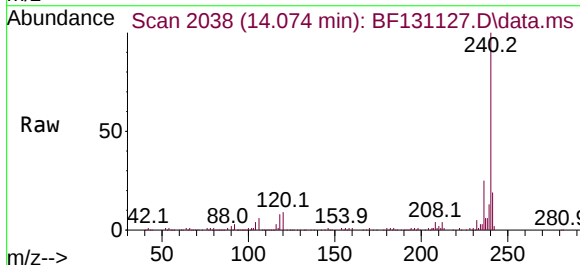
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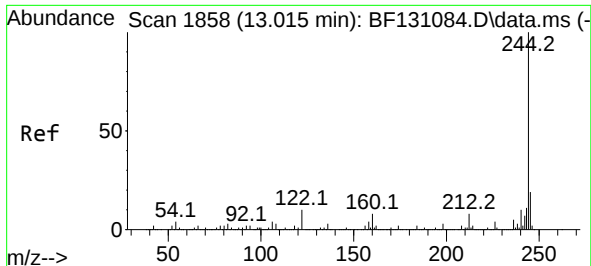
Tgt Ion:188 Resp: 251572
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131127.D
Acq: 10 Nov 2022 17:27

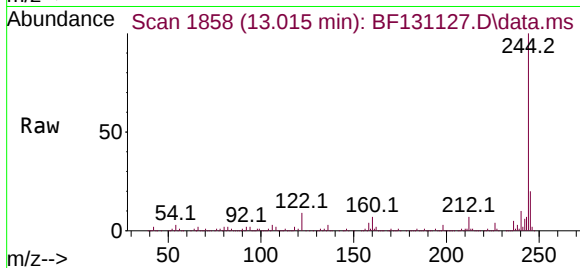
Tgt Ion:240 Resp: 122116
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 24.6 19.7 29.5



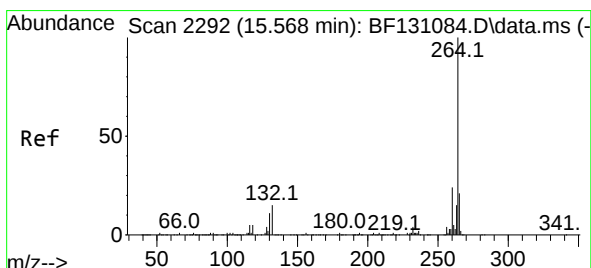
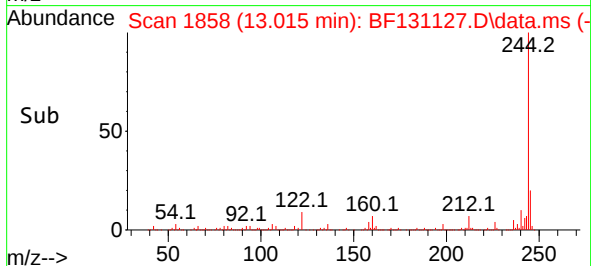
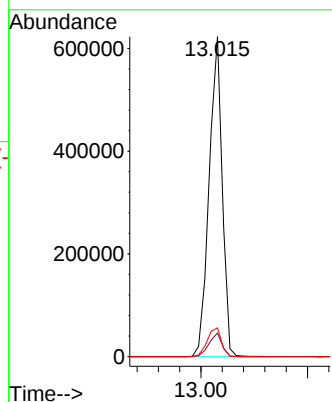


#79
 Terphenyl-d14
 Concen: 76.410 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

Instrument :
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 ClientSampleId :
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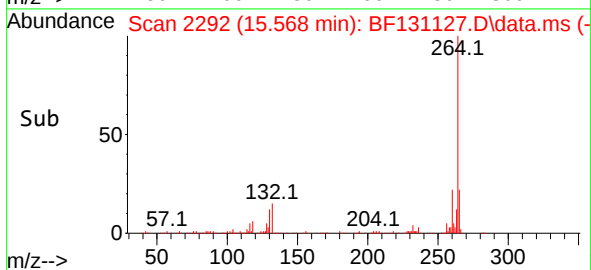
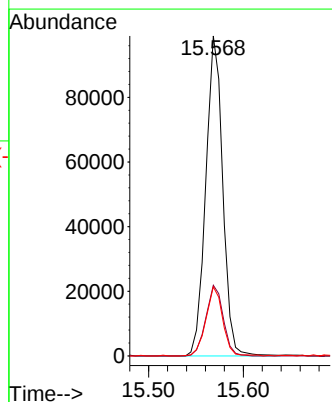
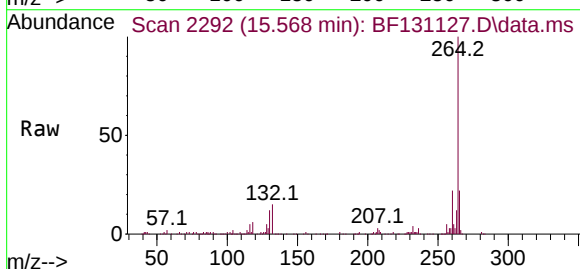


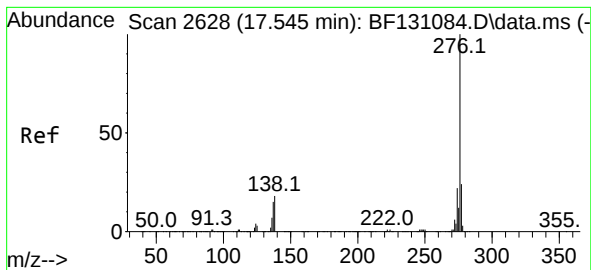
Tgt Ion:244 Resp: 532186
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131127.D
 Acq: 10 Nov 2022 17:27

Tgt Ion:264 Resp: 123305
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.1 28.7
 265 21.6 16.7 25.1





#92

Benzo(g,h,i)perylene

Concen: 4.610 ng

RT: 17.539 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131127.D

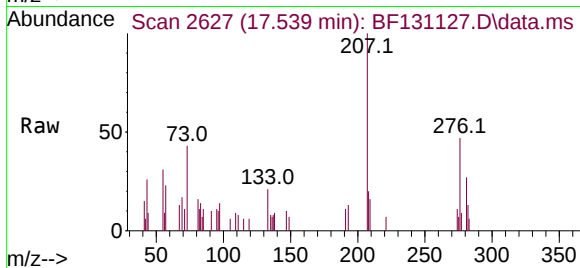
Acq: 10 Nov 2022 17:27

Instrument :

BNA_F

ClientSampleId :

SB-23



Tgt Ion:276 Resp: 2326

Ion Ratio Lower Upper

276 100

277 19.5 19.0 28.4

138 19.0 14.6 21.8

