

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131119.D
 Acq On : 10 Nov 2022 12:52
 Operator : CG\JU
 Sample : N5494-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Quant Time: Nov 11 00:46:43 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	6.887	152	55951	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	206677	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	111421	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	201928	20.000	ng	0.00
76) Chrysene-d12	14.074	240	120325	20.000	ng	0.00
86) Perylene-d12	15.574	264	117090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	452186	137.441	ng	0.00
7) Phenol-d6	6.516	99	437462	101.704	ng	0.00
23) Nitrobenzene-d5	7.451	82	283693	61.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	110949	96.351	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	516704	64.737	ng	0.00
79) Terphenyl-d14	13.016	244	498775	72.679	ng	0.00

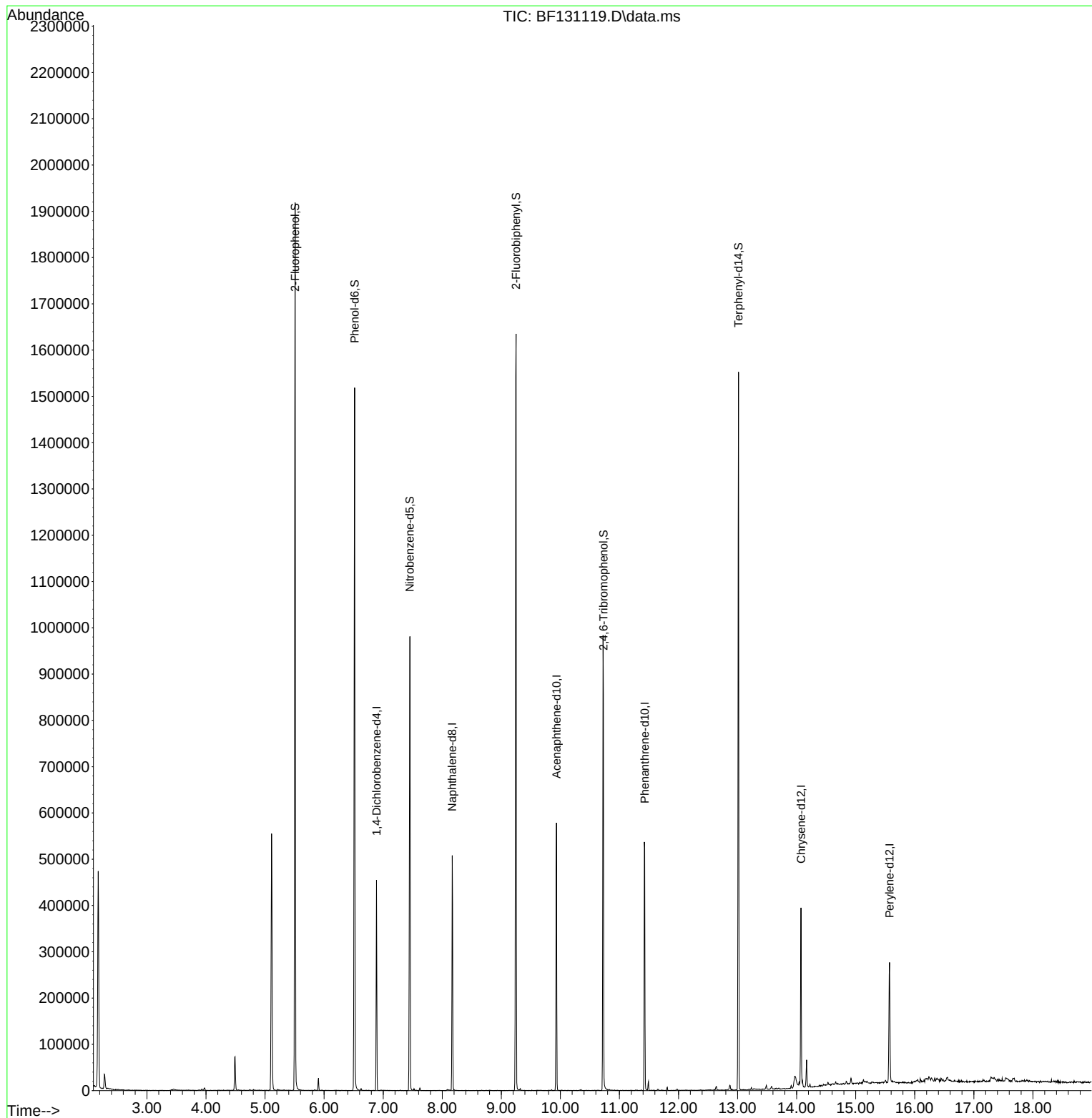
Target Compounds	Qvalue

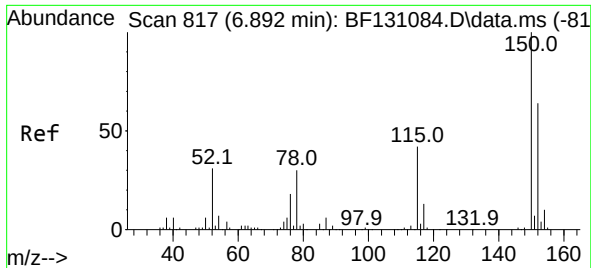
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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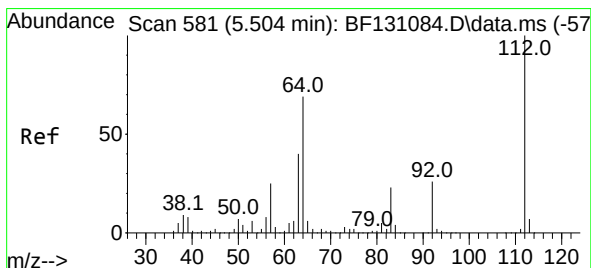
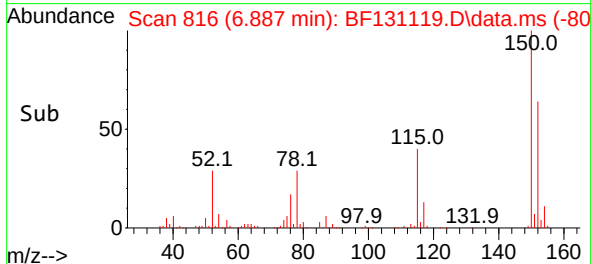
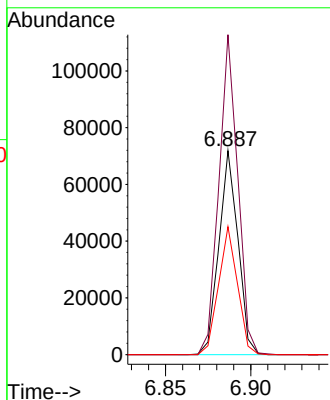
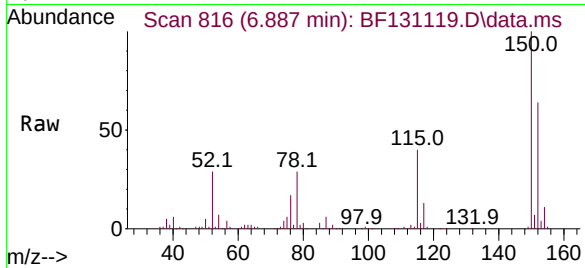




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

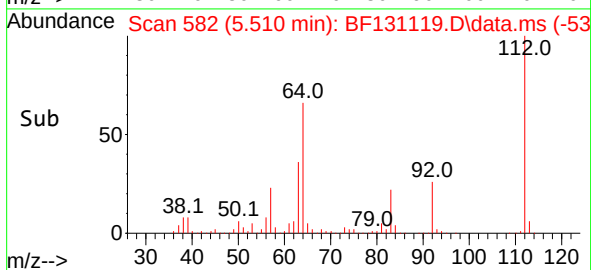
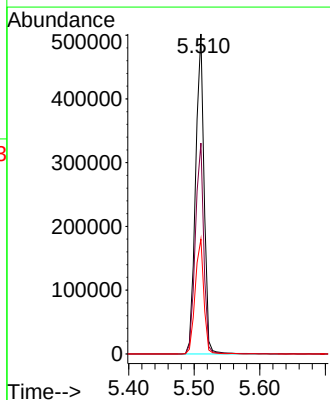
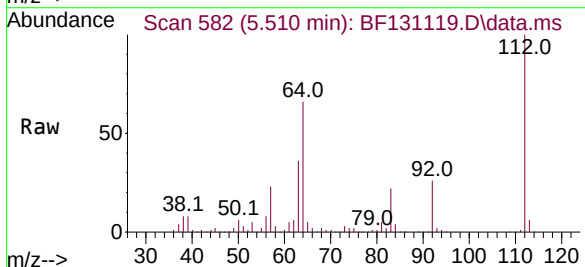
Instrument :
BNA_F
ClientSampleId :
SB-16

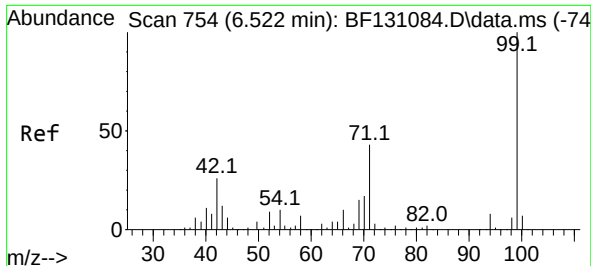
Tgt Ion:152 Resp: 55951
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 62.7 52.2 78.2



#5
2-Fluorophenol
Concen: 137.441 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

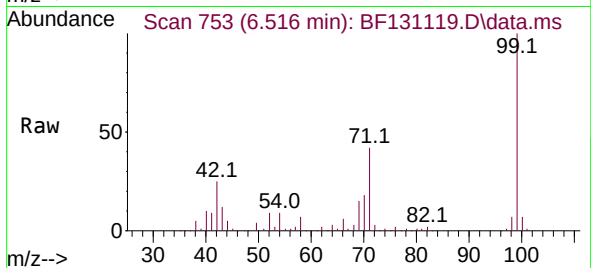
Tgt Ion:112 Resp: 452186
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 35.9 32.4 48.6





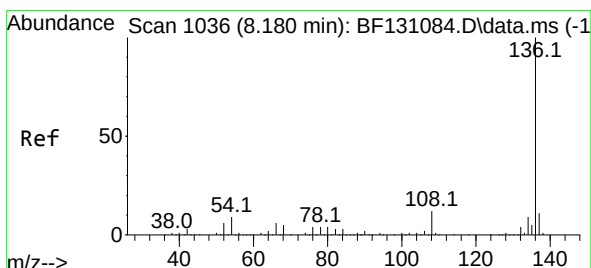
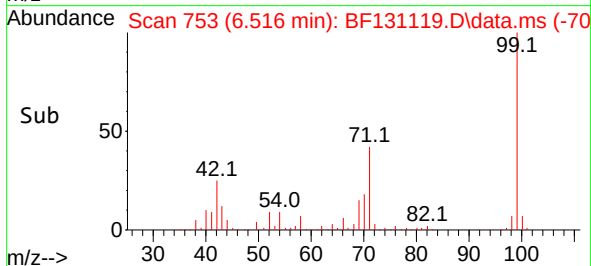
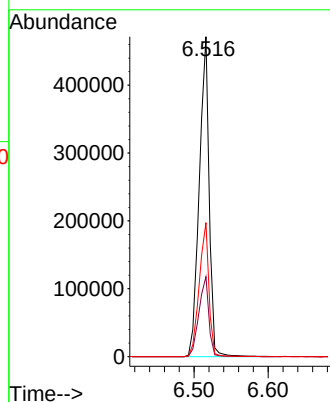
#7
Phenol-d6
Concen: 101.704 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SB-16



Tgt Ion: 99 Resp: 437462

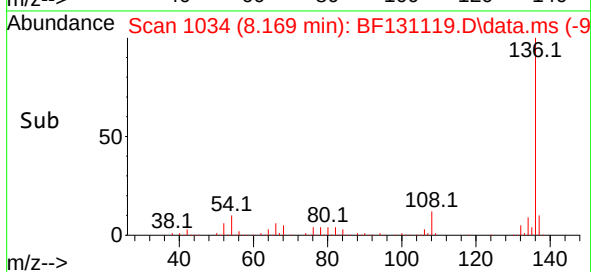
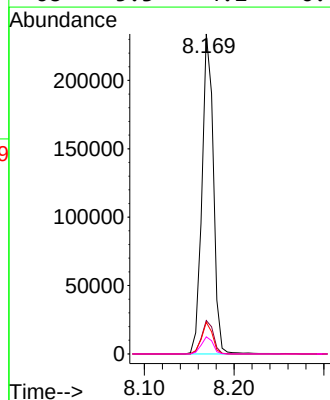
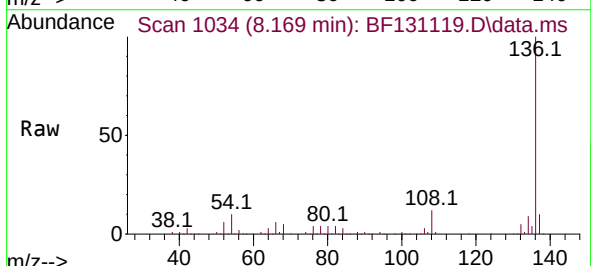
Ion	Ratio	Lower	Upper
99	100		
42	25.0	20.8	31.2
71	41.9	34.2	51.4

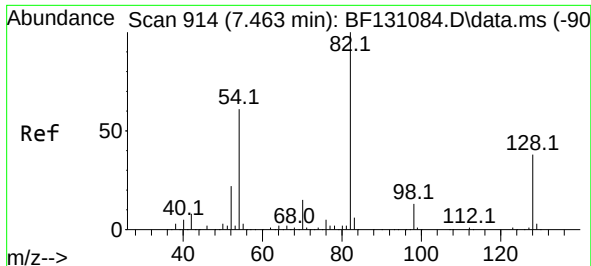


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion: 136 Resp: 206677

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	9.9	7.2	10.8
68	5.3	4.2	6.4

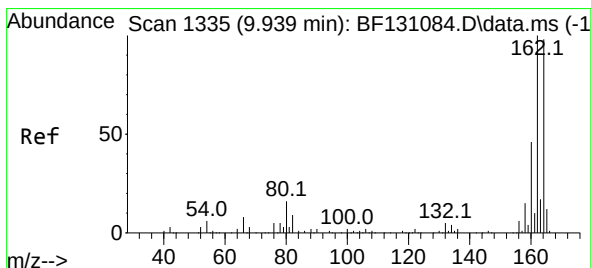
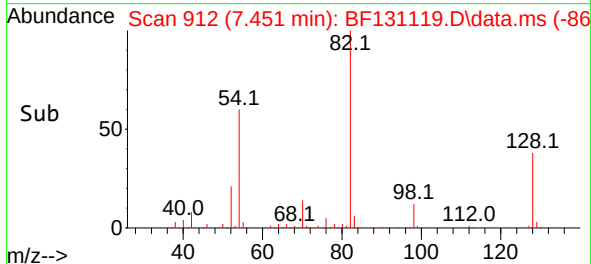
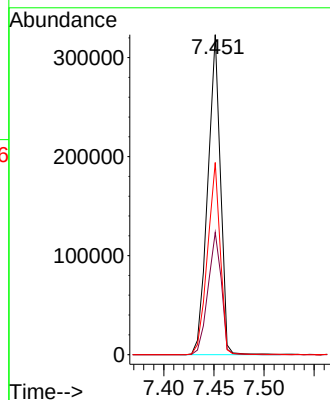
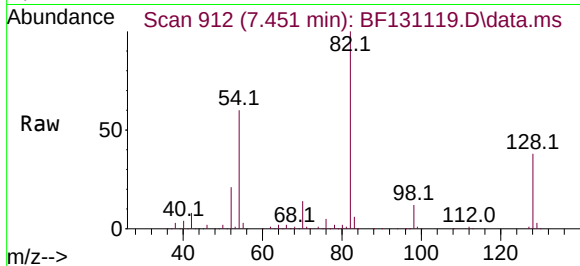




#23
Nitrobenzene-d5
Concen: 61.932 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

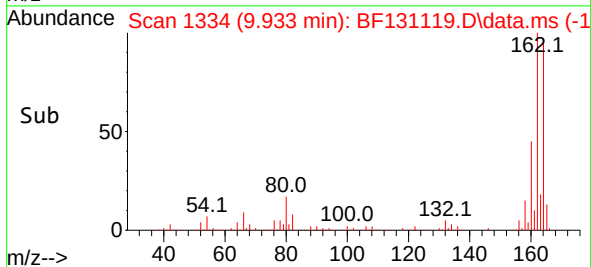
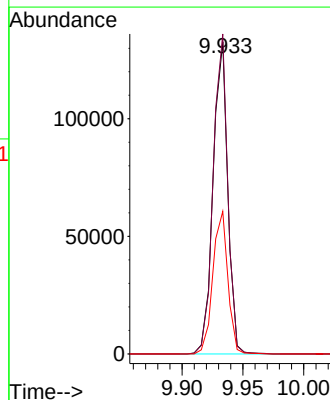
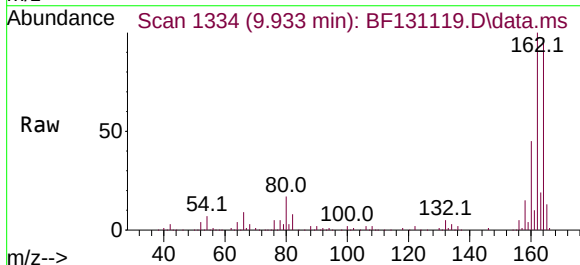
Instrument :
BNA_F
ClientSampleId :
SB-16

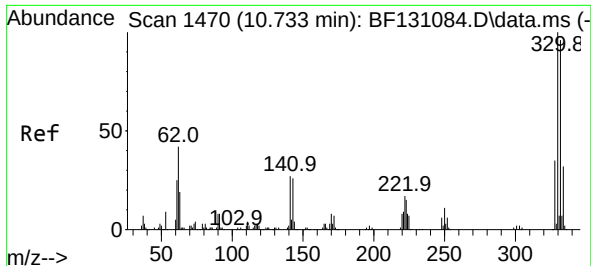
Tgt Ion: 82 Resp: 283693
Ion Ratio Lower Upper
82 100
128 38.2 30.5 45.7
54 60.0 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion:164 Resp: 111421
Ion Ratio Lower Upper
164 100
162 102.6 81.7 122.5
160 45.7 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 96.351 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SB-16

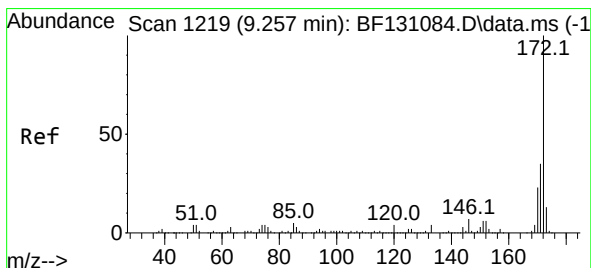
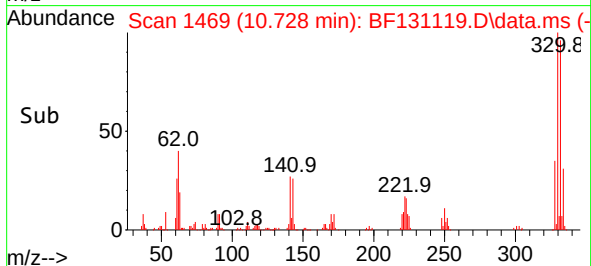
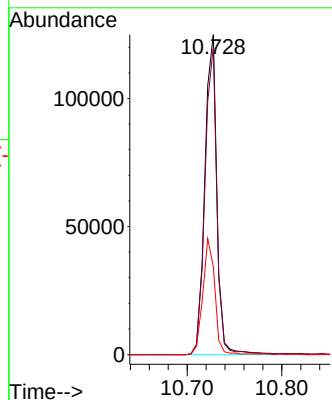
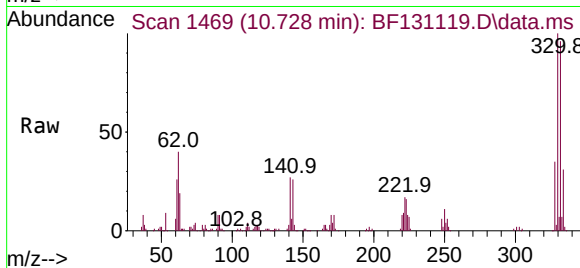
Tgt Ion:330 Resp: 110949

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 36.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 64.737 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

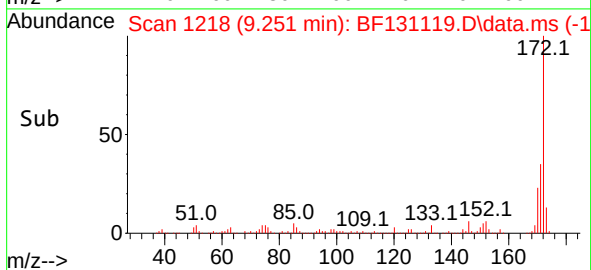
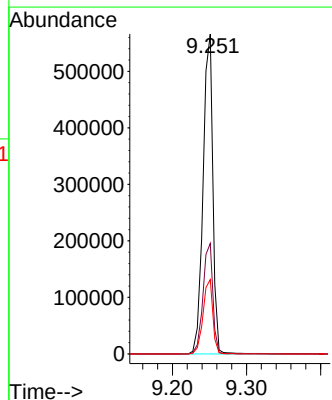
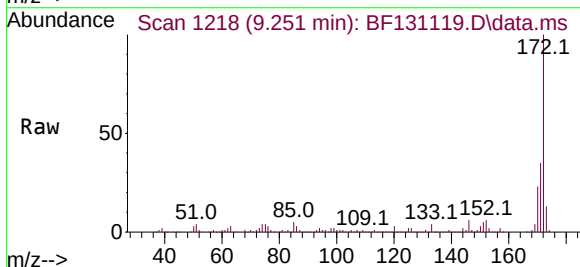
Tgt Ion:172 Resp: 516704

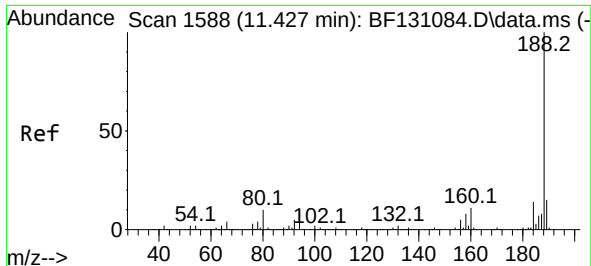
Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 23.2 18.8 28.2

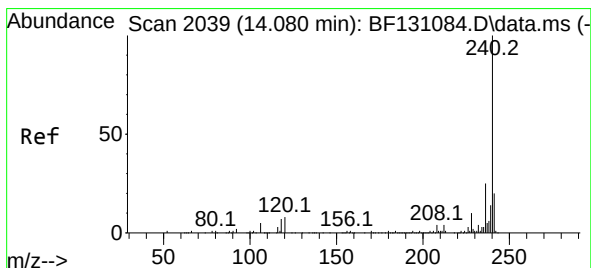
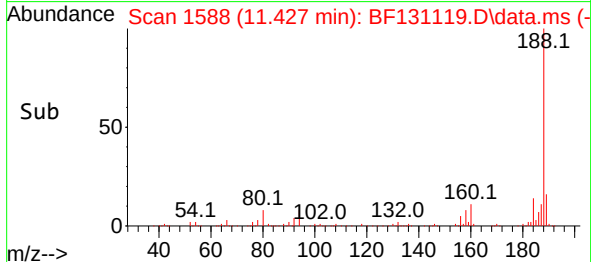
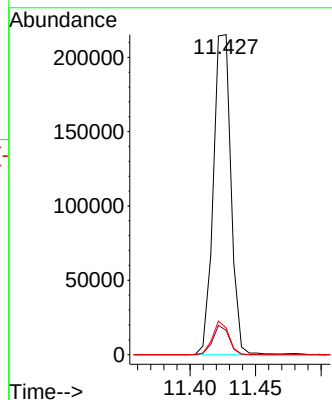
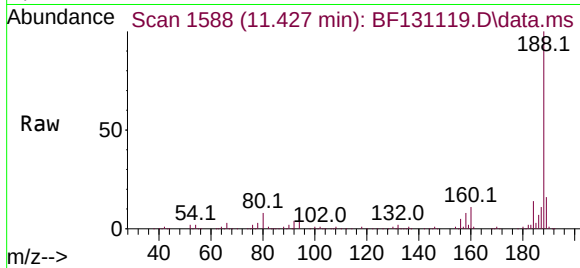




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

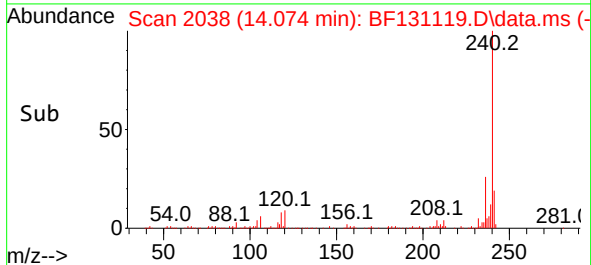
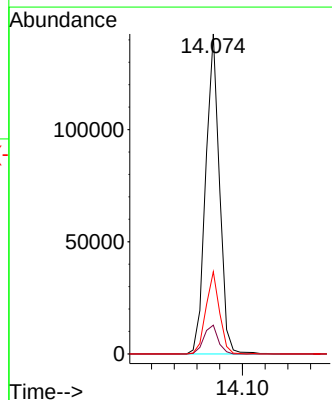
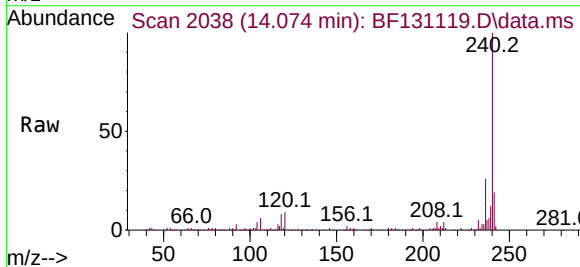
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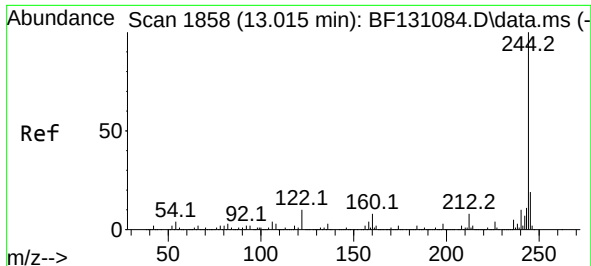
Tgt Ion:188 Resp: 201928
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion:240 Resp: 120325
Ion Ratio Lower Upper
240 100
120 9.0 6.5 9.7
236 25.7 19.7 29.5

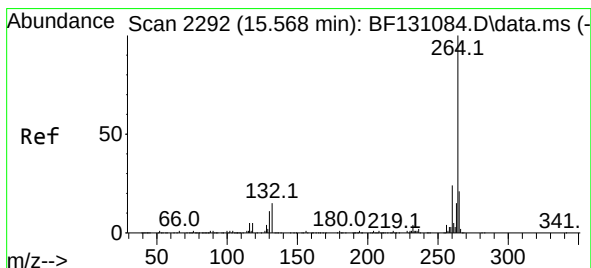
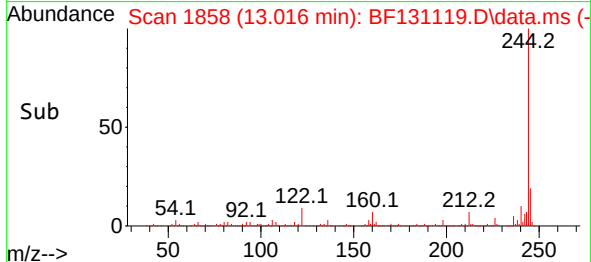
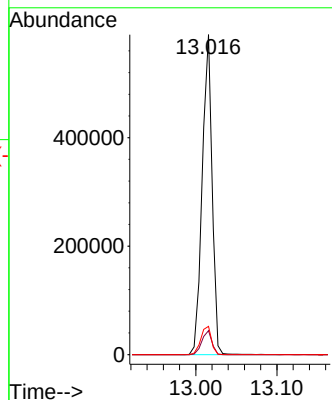
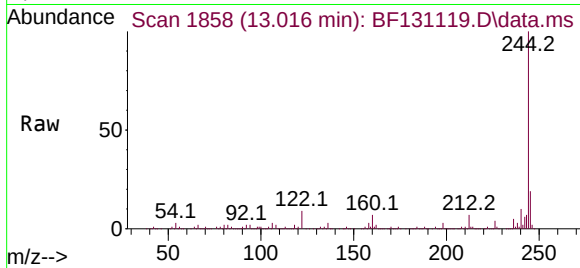




#79
 Terphenyl-d14
 Concen: 72.679 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 498775
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.8 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: BF131119.D
 Acq: 10 Nov 2022 12:52

Tgt Ion:264 Resp: 117090
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.4 16.7 25.1

