

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131142.D
 Acq On : 11 Nov 2022 01:16
 Operator : CG\JU
 Sample : N5491-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Nov 11 01:49:08 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	53983	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	165927	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	72816	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	142140	20.000	ng	0.00
76) Chrysene-d12	14.074	240	138396	20.000	ng	0.00
86) Perylene-d12	15.574	264	87071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	314693	99.137	ng	0.00
7) Phenol-d6	6.516	99	363705	87.639	ng	0.00
23) Nitrobenzene-d5	7.451	82	225399	61.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	70511	93.698	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	338411	64.878	ng	0.00
79) Terphenyl-d14	13.016	244	404972	51.305	ng	0.00

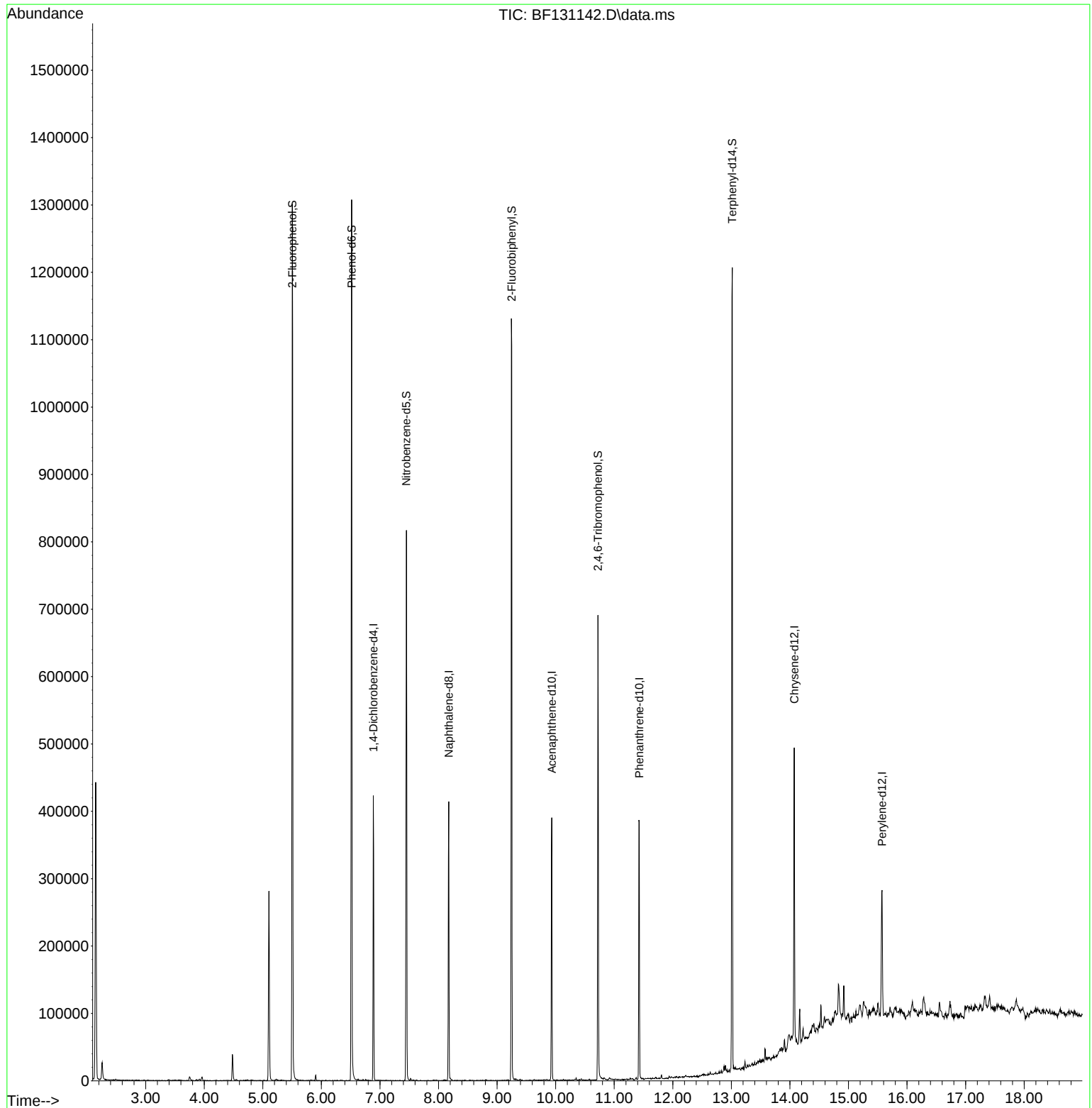
Target Compounds	Qvalue

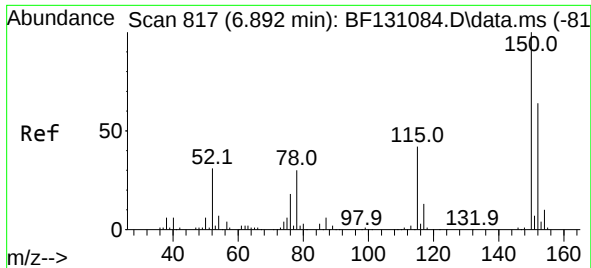
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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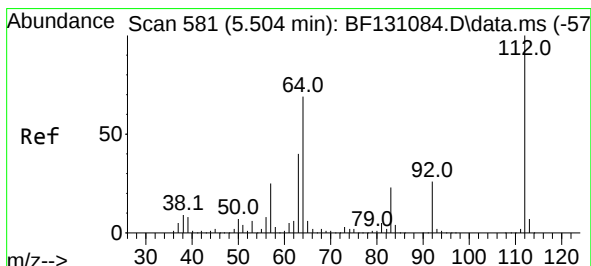
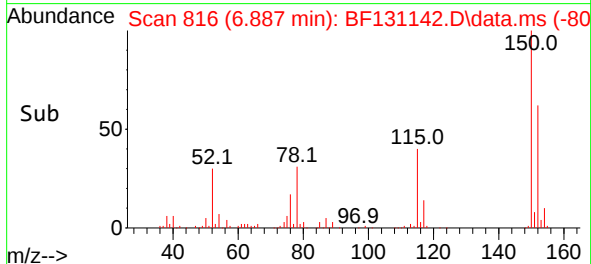
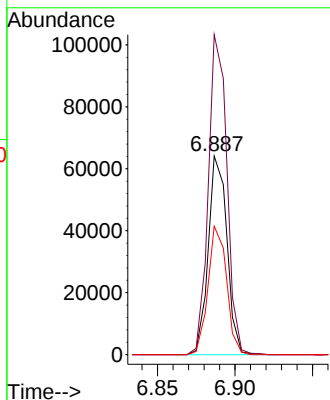
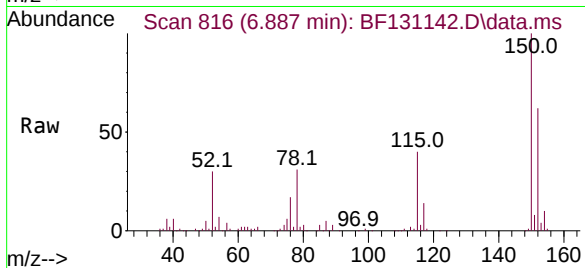




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.005 min
 Lab File: BF131142.D
 Acq: 11 Nov 2022 01:16

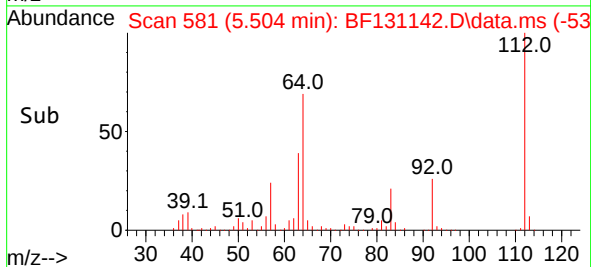
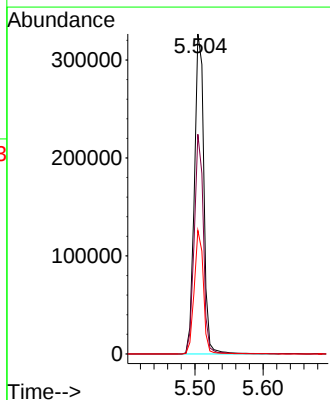
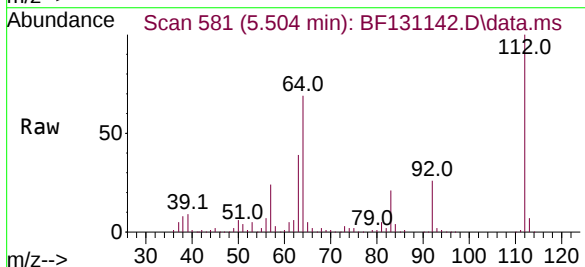
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

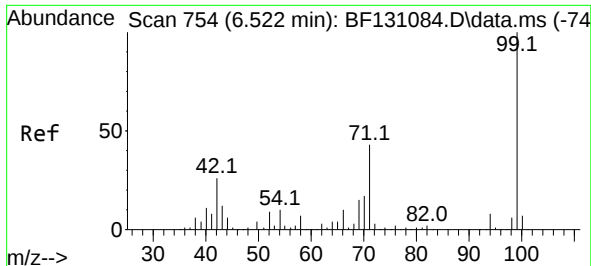
Tgt Ion:152 Resp: 53983
 Ion Ratio Lower Upper
 152 100
 150 161.0 125.5 188.3
 115 64.6 52.2 78.2



#5
 2-Fluorophenol
 Concen: 99.137 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131142.D
 Acq: 11 Nov 2022 01:16

Tgt Ion:112 Resp: 314693
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.1 82.7
 63 38.6 32.4 48.6

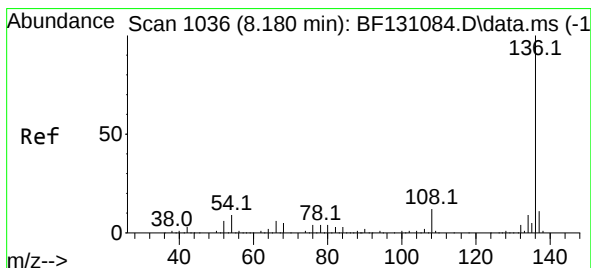
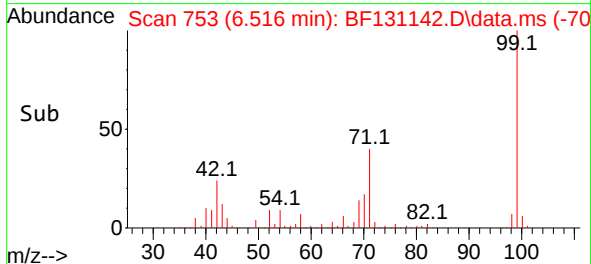
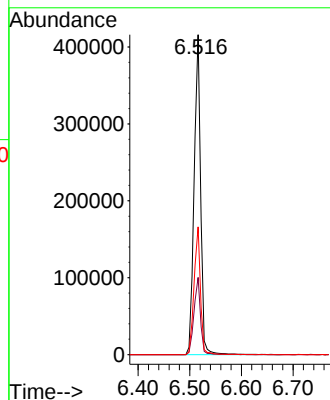
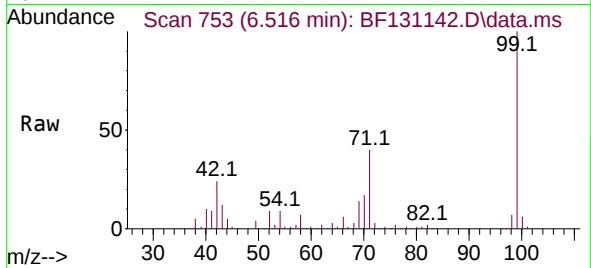




#7
Phenol-d6
Concen: 87.639 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131142.D
Acq: 11 Nov 2022 01:16

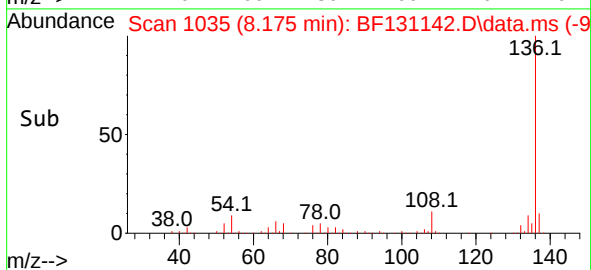
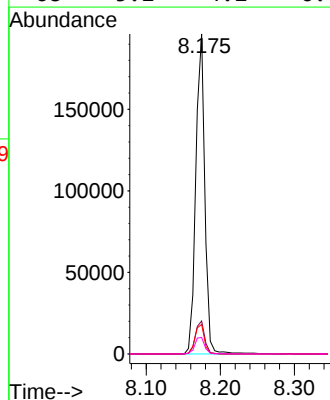
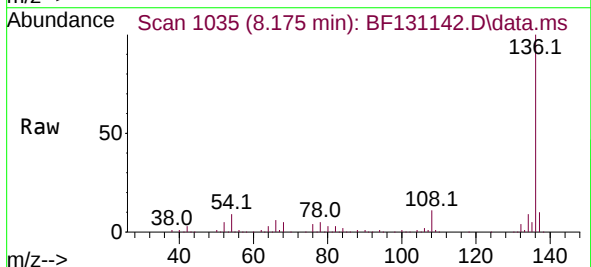
Instrument :
BNA_F
ClientSampleId :
TP-3

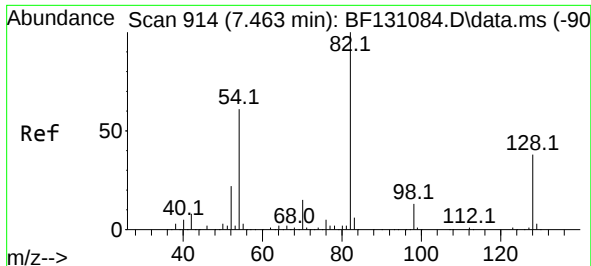
Tgt Ion: 99 Resp: 363705
Ion Ratio Lower Upper
99 100
42 24.1 20.8 31.2
71 39.9 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131142.D
Acq: 11 Nov 2022 01:16

Tgt Ion: 136 Resp: 165927
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 9.2 7.2 10.8
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 61.291 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131142.D

Acq: 11 Nov 2022 01:16

Instrument :

BNA_F

ClientSampleId :

TP-3

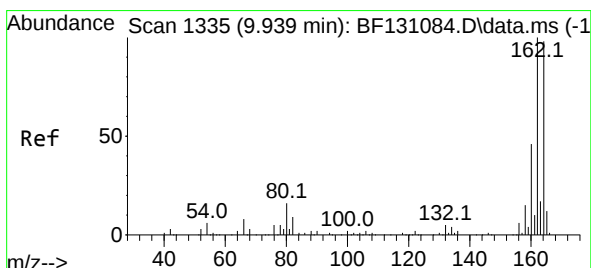
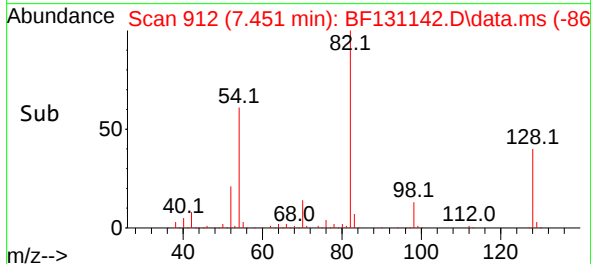
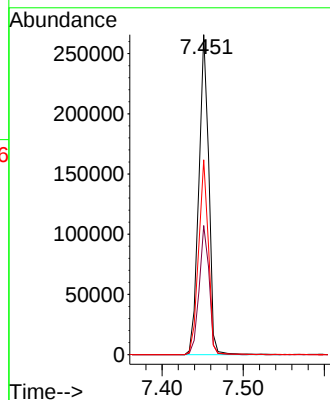
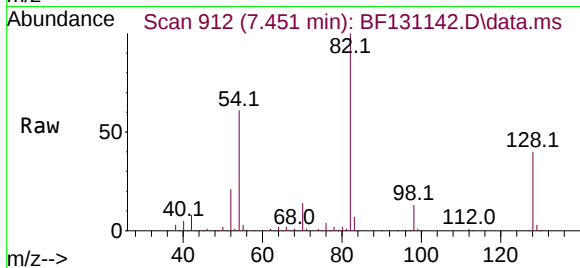
Tgt Ion: 82 Resp: 225399

Ion Ratio Lower Upper

82 100

128 40.3 30.5 45.7

54 60.9 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: BF131142.D

Acq: 11 Nov 2022 01:16

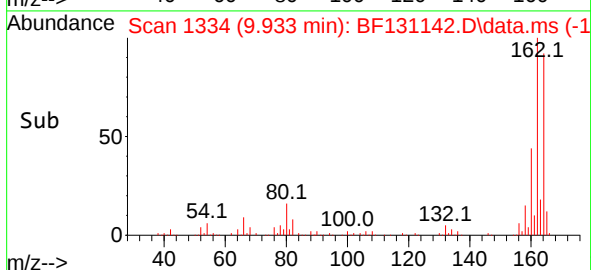
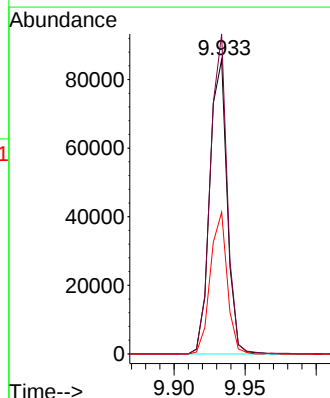
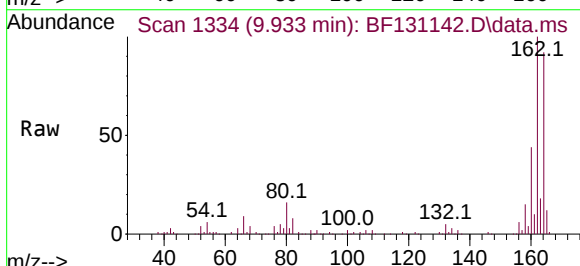
Tgt Ion:164 Resp: 72816

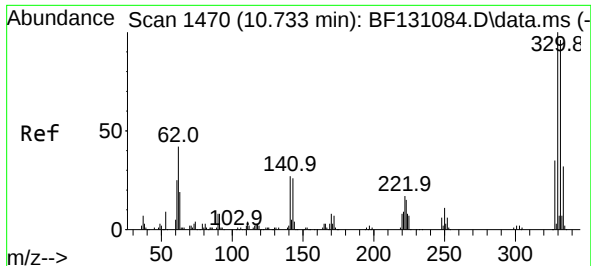
Ion Ratio Lower Upper

164 100

162 108.8 81.7 122.5

160 48.2 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 93.698 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131142.D

Acq: 11 Nov 2022 01:16

Instrument :

BNA_F

ClientSampleId :

TP-3

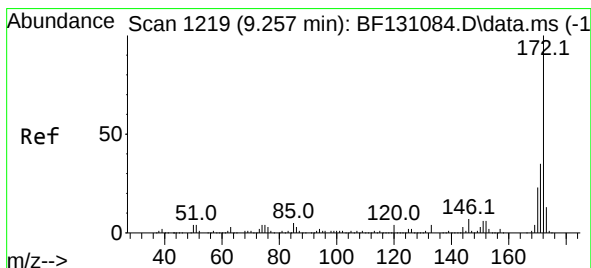
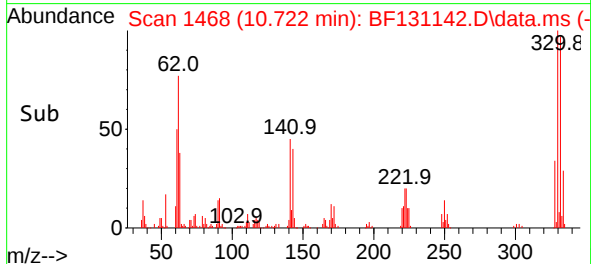
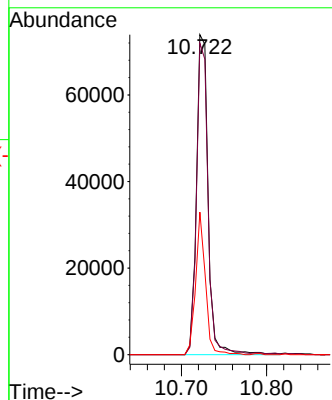
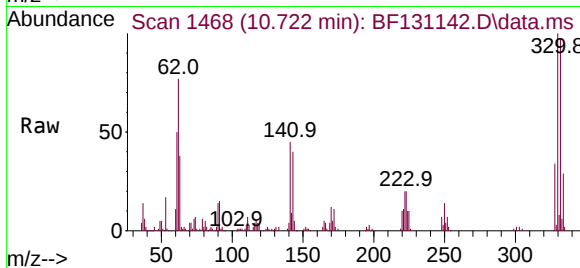
Tgt Ion:330 Resp: 70511

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 37.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 64.878 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131142.D

Acq: 11 Nov 2022 01:16

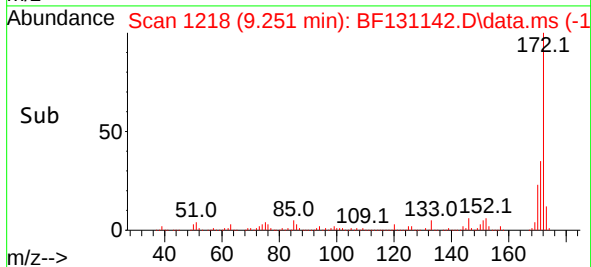
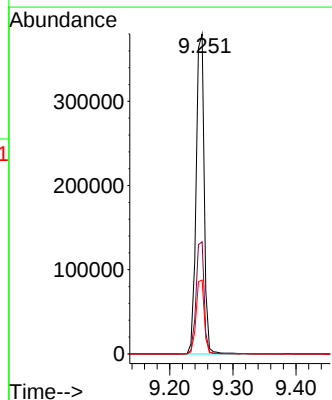
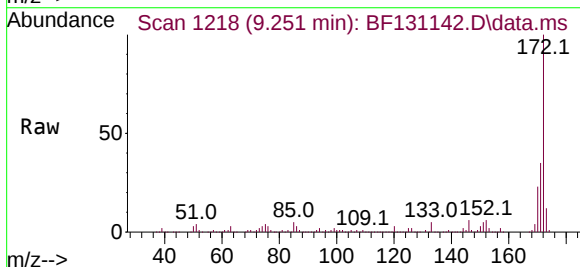
Tgt Ion:172 Resp: 338411

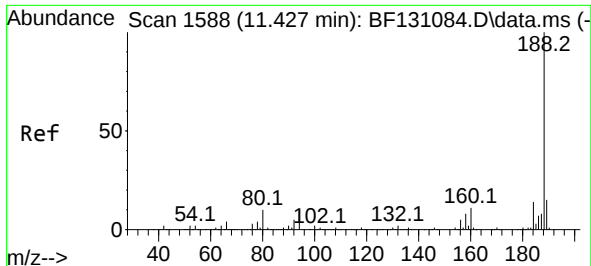
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.1 18.8 28.2

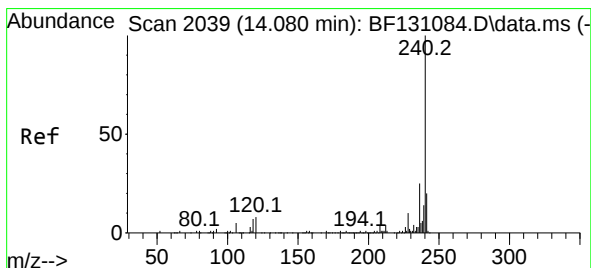
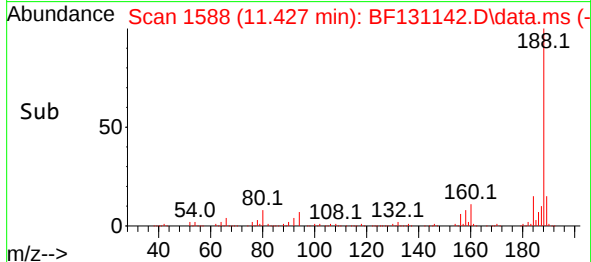
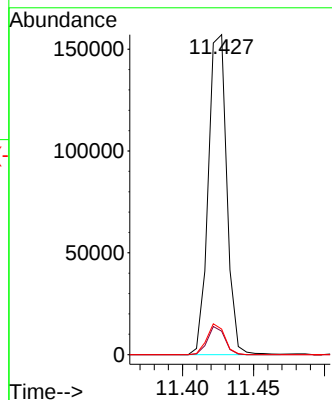
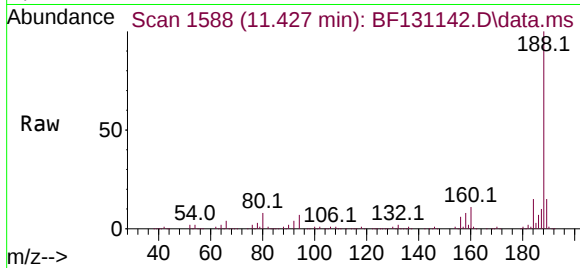




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131142.D
Acq: 11 Nov 2022 01:16

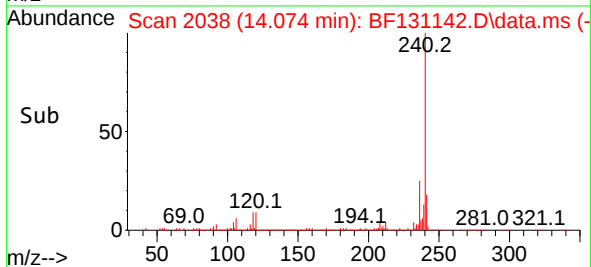
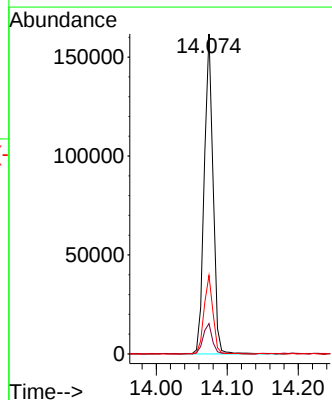
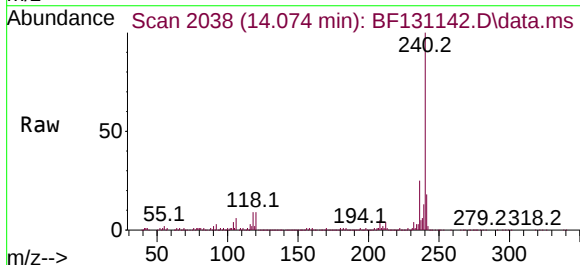
Instrument :
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ClientSampleId :
TP-3

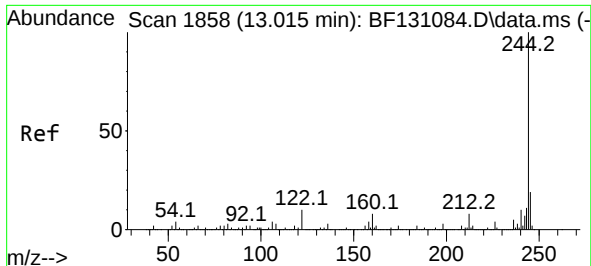
Tgt Ion:188 Resp: 142140
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131142.D
Acq: 11 Nov 2022 01:16

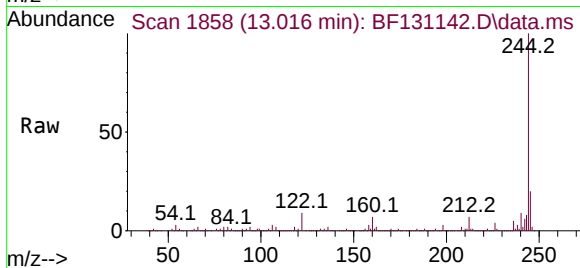
Tgt Ion:240 Resp: 138396
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 24.5 19.7 29.5



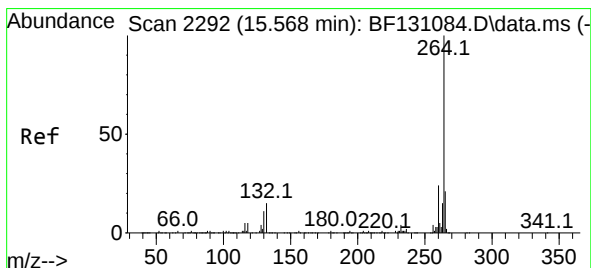
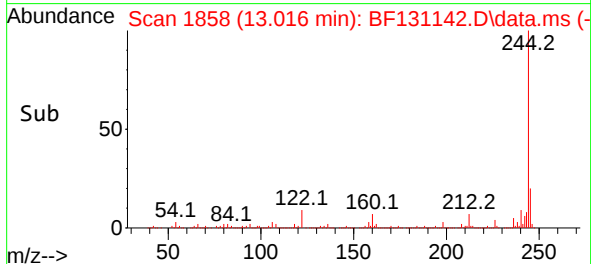
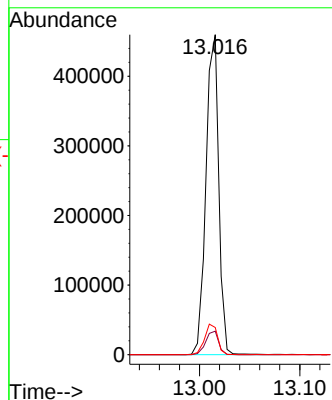


#79
 Terphenyl-d14
 Concen: 51.305 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131142.D
 Acq: 11 Nov 2022 01:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 404972
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.5 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: BF131142.D
 Acq: 11 Nov 2022 01:16

Tgt Ion:264 Resp: 87071
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 23.1 16.7 25.1

