

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131140.D
 Acq On : 11 Nov 2022 00:15
 Operator : CG\JU
 Sample : N5491-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 11 00:53:01 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)

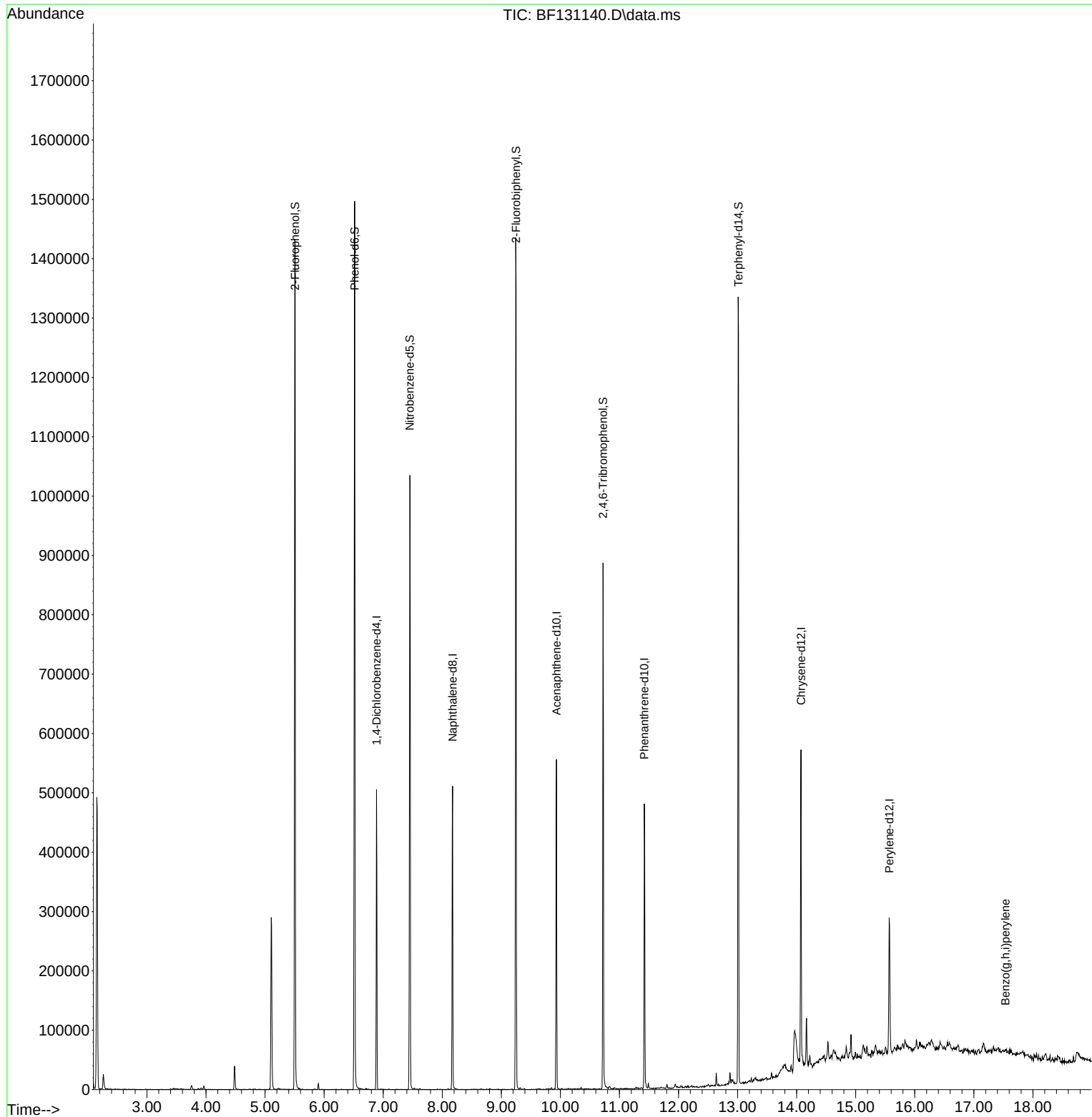
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	63540	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	208153	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	106288	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	169484	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171394	20.000	ng	0.00
86) Perylene-d12	15.568	264	103278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	366383	98.060	ng	0.00
7) Phenol-d6	6.516	99	435548	89.165	ng	0.00
23) Nitrobenzene-d5	7.451	82	308512	66.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	91339	83.152	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	435720	57.227	ng	0.00
79) Terphenyl-d14	13.016	244	454438	46.488	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.533	276	3098	4.754	ng	Qvalue # 67

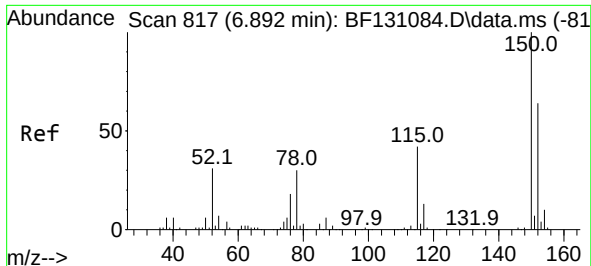
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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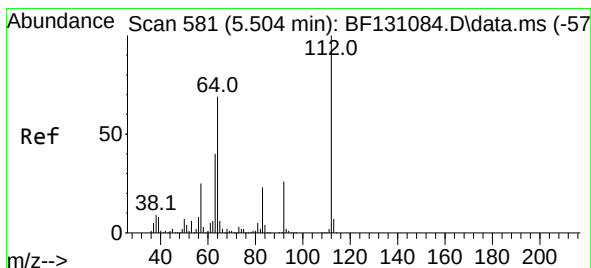
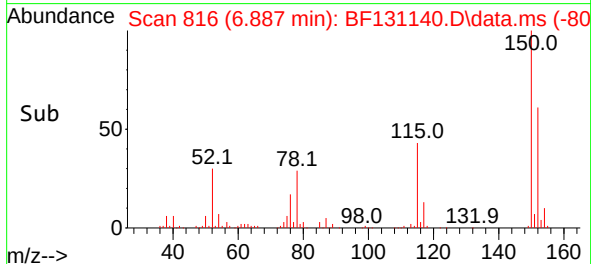
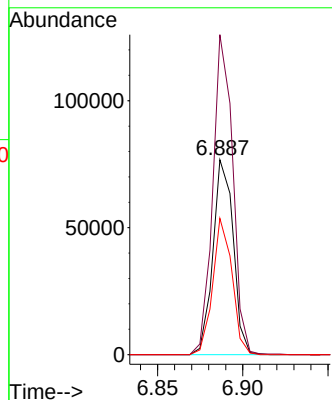
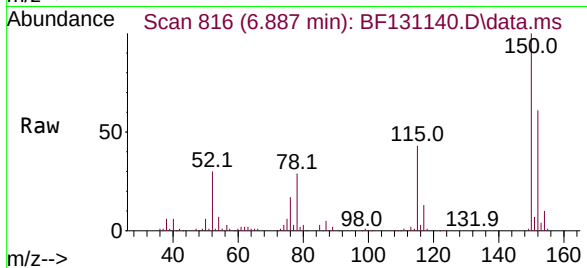




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131140.D
 Acq: 11 Nov 2022 00:15

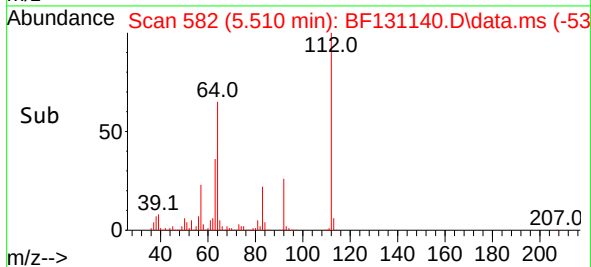
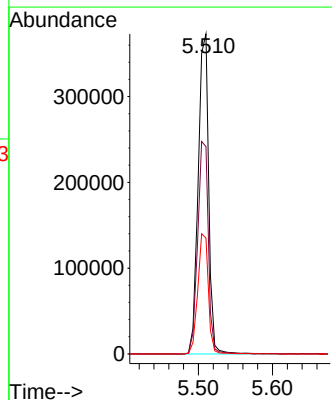
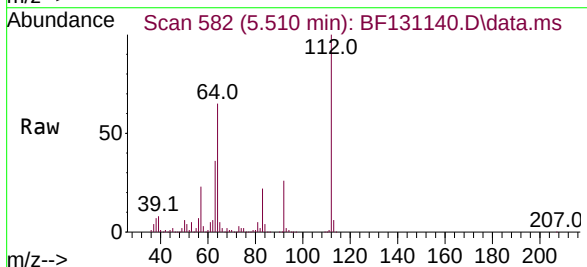
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

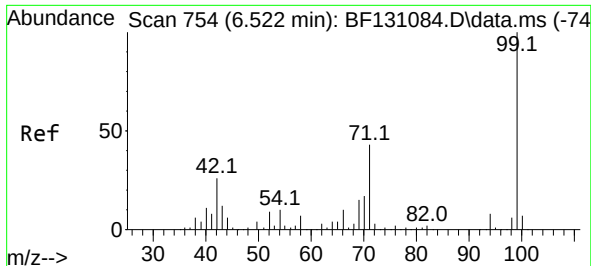
Tgt Ion:152 Resp: 63540
 Ion Ratio Lower Upper
 152 100
 150 164.2 125.5 188.3
 115 69.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 98.060 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131140.D
 Acq: 11 Nov 2022 00:15

Tgt Ion:112 Resp: 366383
 Ion Ratio Lower Upper
 112 100
 64 64.8 55.1 82.7
 63 36.2 32.4 48.6

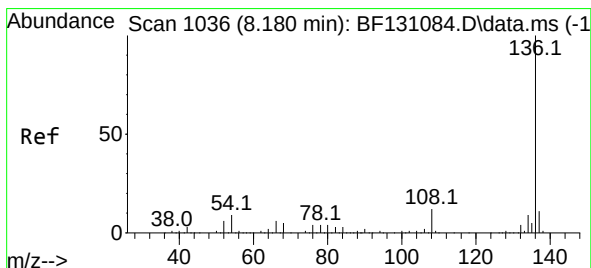
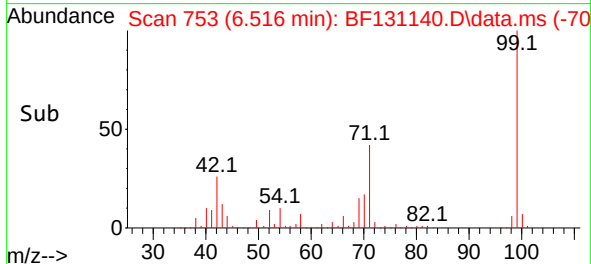
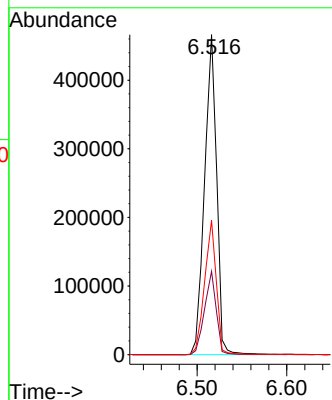
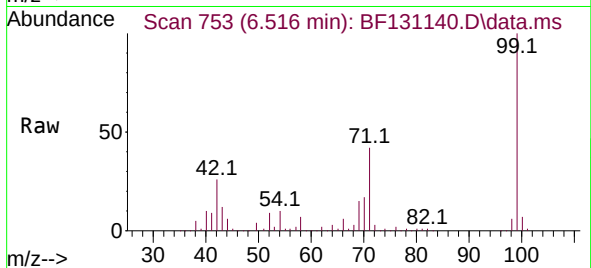




#7
Phenol-d6
Concen: 89.165 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

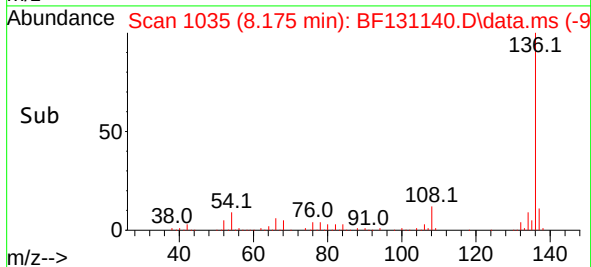
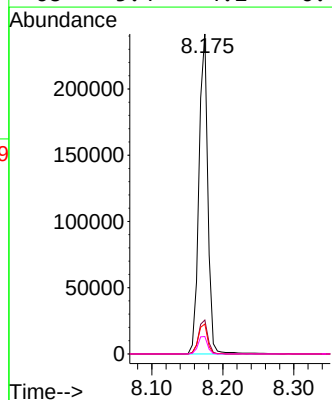
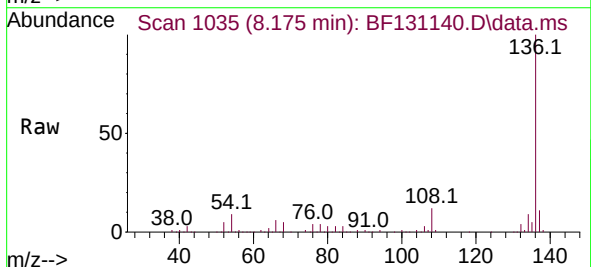
Instrument :
BNA_F
ClientSampleId :
TP-4

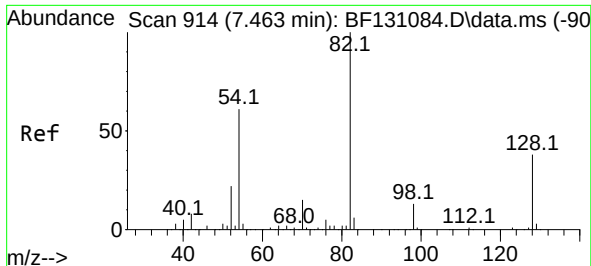
Tgt Ion: 99 Resp: 435548
Ion Ratio Lower Upper
99 100
42 26.0 20.8 31.2
71 41.9 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion: 136 Resp: 208153
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.3 7.2 10.8
68 5.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 66.873 ng

RT: 7.451 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

Instrument :

BNA_F

ClientSampleId :

TP-4

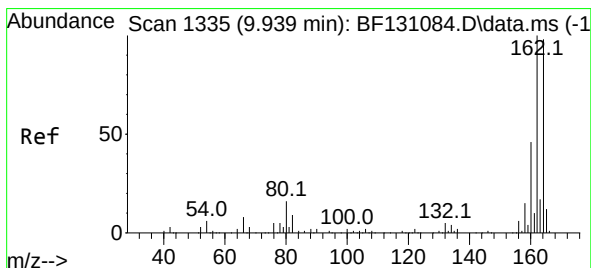
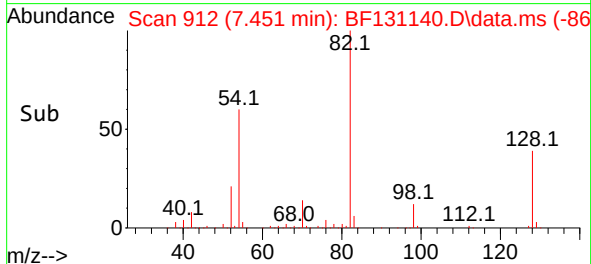
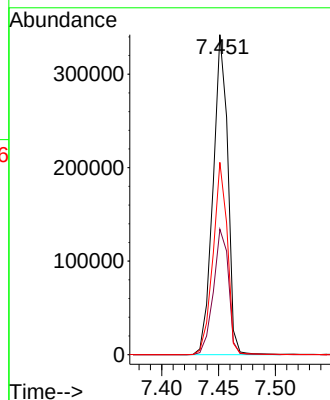
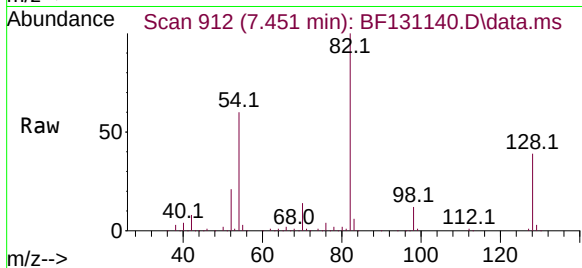
Tgt Ion: 82 Resp: 308512

Ion Ratio Lower Upper

82 100

128 39.2 30.5 45.7

54 60.1 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: BF131140.D

Acq: 11 Nov 2022 00:15

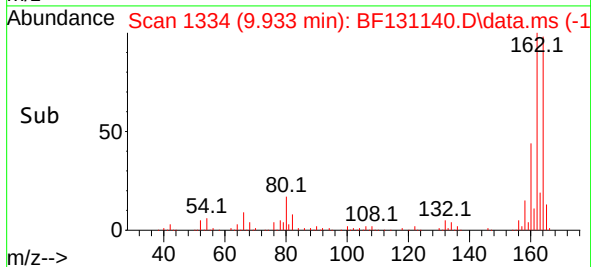
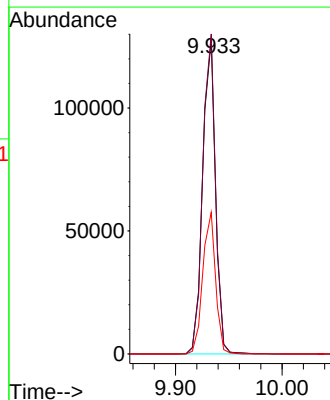
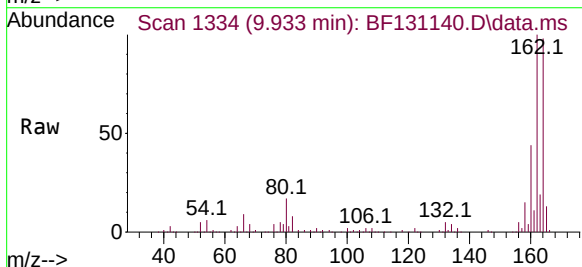
Tgt Ion:164 Resp: 106288

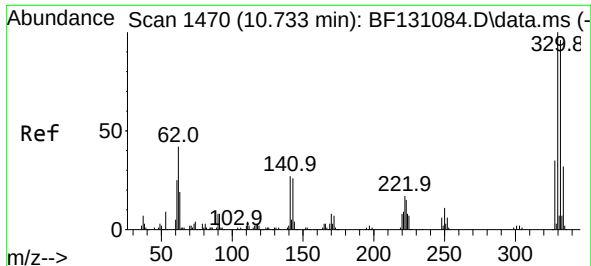
Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

160 45.0 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 83.152 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

Instrument :

BNA_F

ClientSampleId :

TP-4

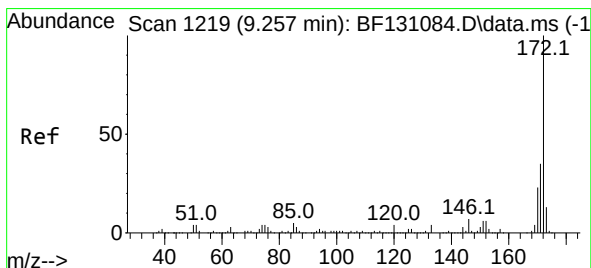
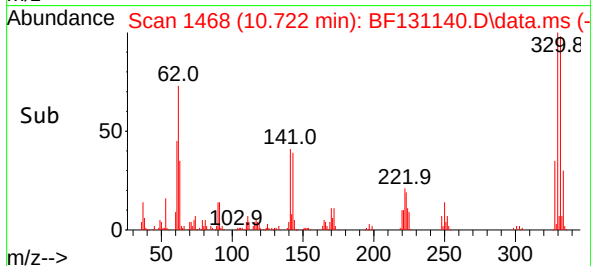
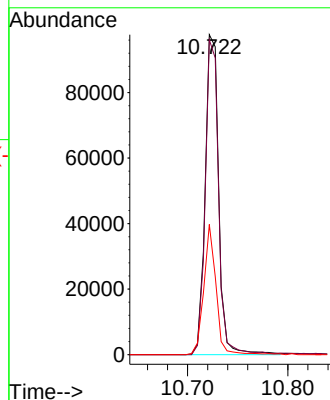
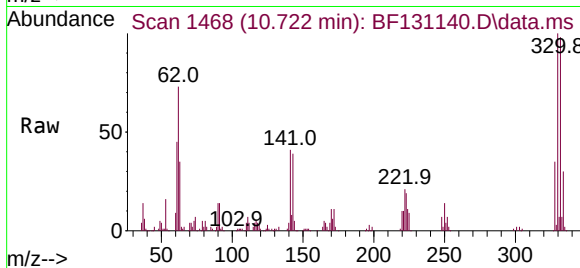
Tgt Ion:330 Resp: 91339

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 36.6 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 57.227 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131140.D

Acq: 11 Nov 2022 00:15

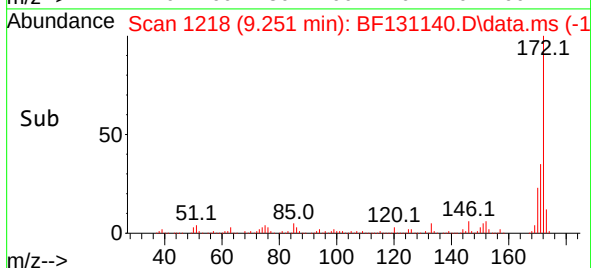
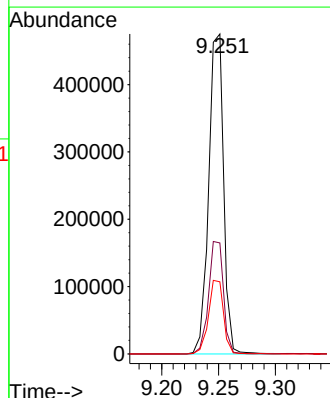
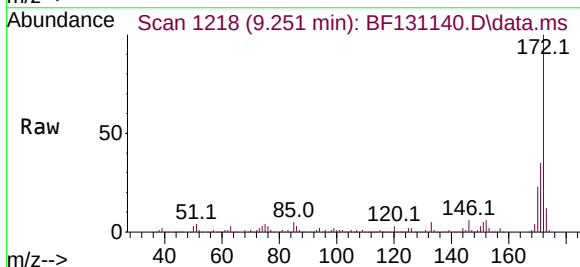
Tgt Ion:172 Resp: 435720

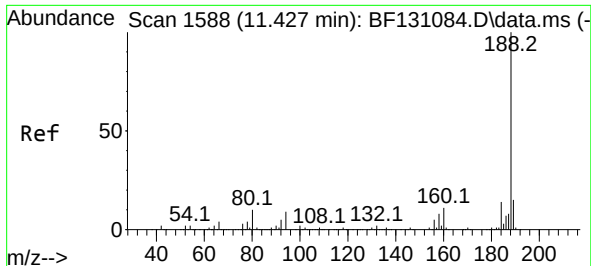
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 22.5 18.8 28.2

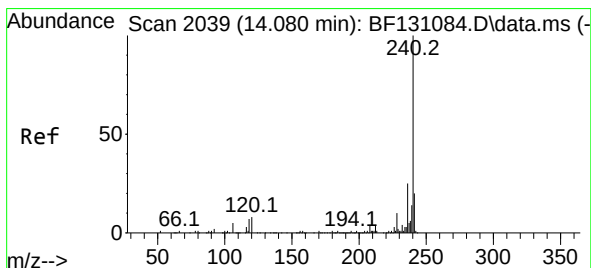
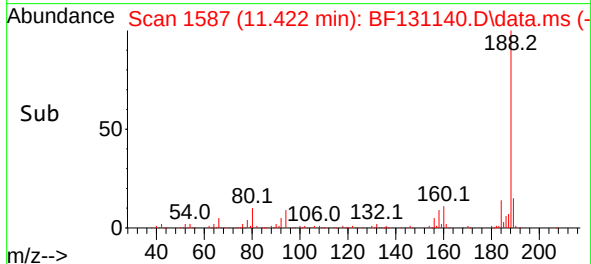
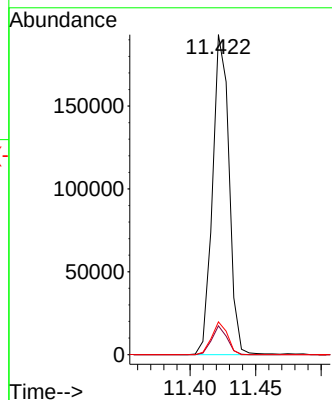
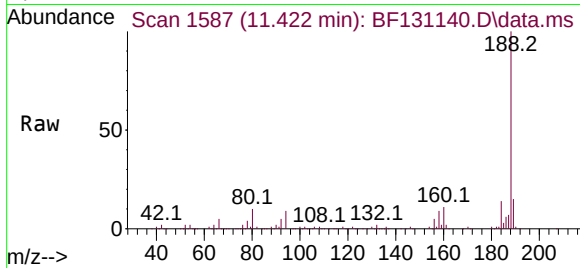




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

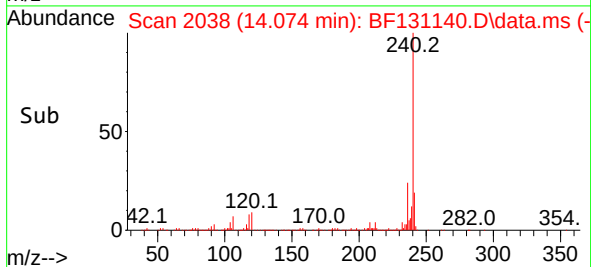
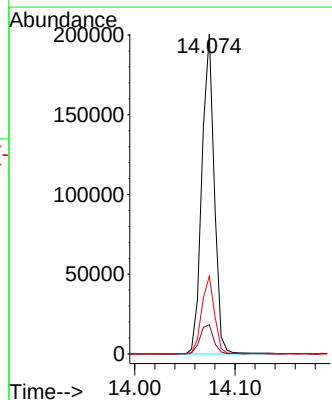
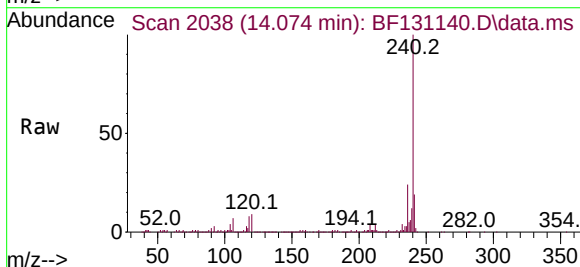
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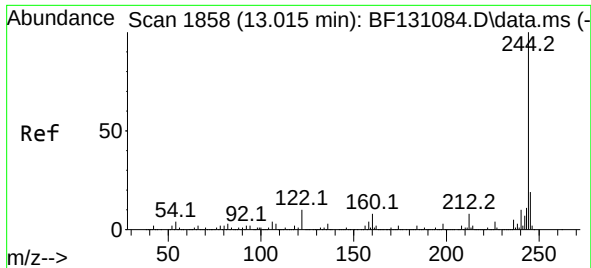
Tgt Ion:188 Resp: 169484
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131140.D
Acq: 11 Nov 2022 00:15

Tgt Ion:240 Resp: 171394
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 24.3 19.7 29.5

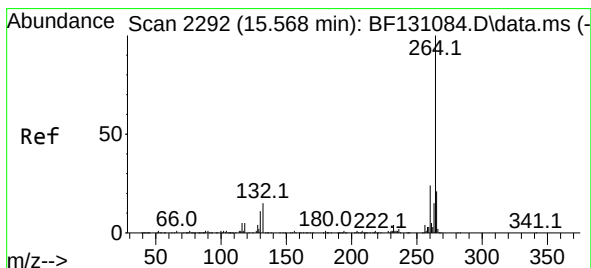
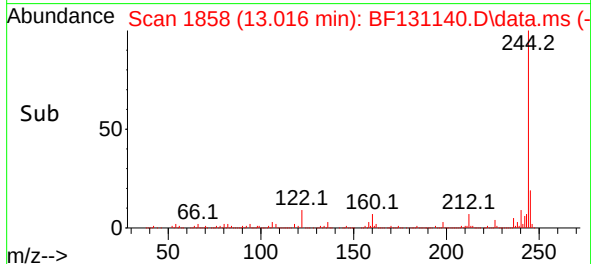
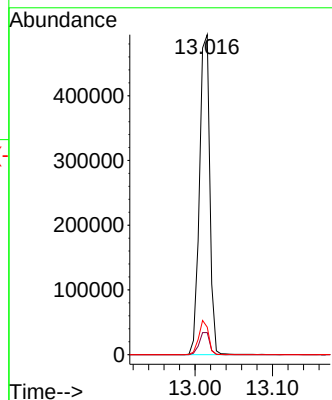
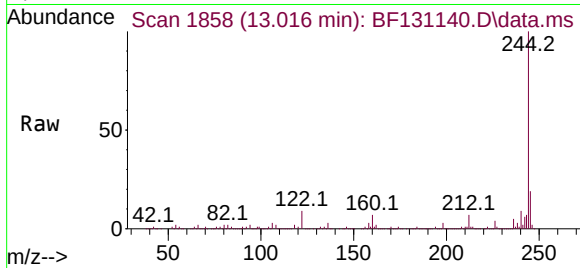




#79
 Terphenyl-d14
 Concen: 46.488 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131140.D
 Acq: 11 Nov 2022 00:15

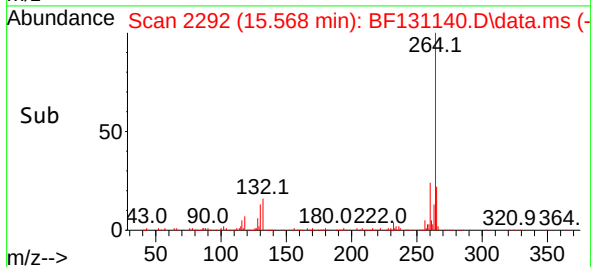
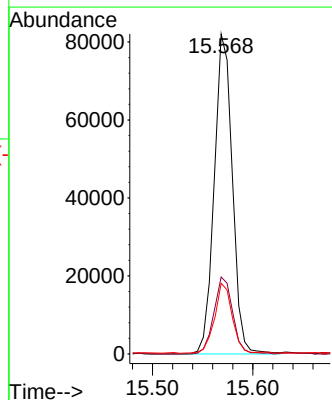
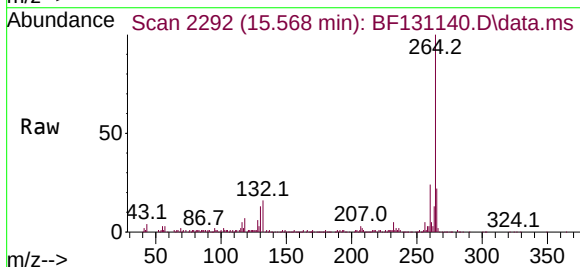
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 TP-4

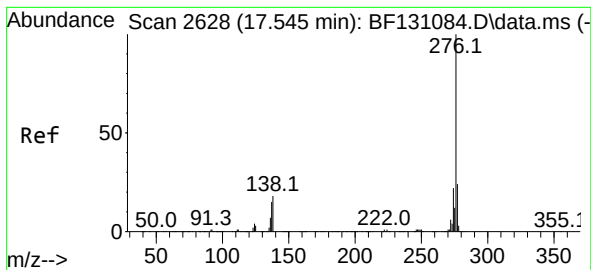
Tgt Ion:244 Resp: 454438
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131140.D
 Acq: 11 Nov 2022 00:15

Tgt Ion:264 Resp: 103278
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.1 16.7 25.1





#92

Benzo(g,h,i)perylene

Concen: 4.754 ng

RT: 17.533 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF131140.D

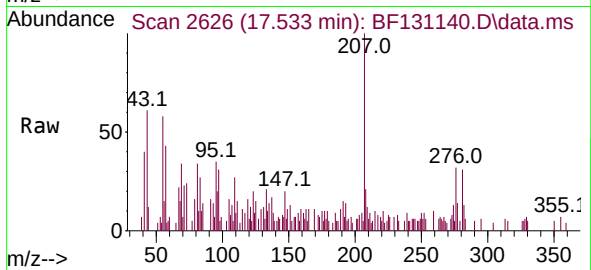
Acq: 11 Nov 2022 00:15

Instrument :

BNA_F

ClientSampleId :

TP-4



Tgt Ion:276 Resp: 3098

Ion Ratio Lower Upper

276 100

277 43.8 19.0 28.4#

138 28.5 14.6 21.8#

