

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131132.D
 Acq On : 10 Nov 2022 20:08
 Operator : CG\JU
 Sample : N5520-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R20-3

Quant Time: Nov 11 00:50:56 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)

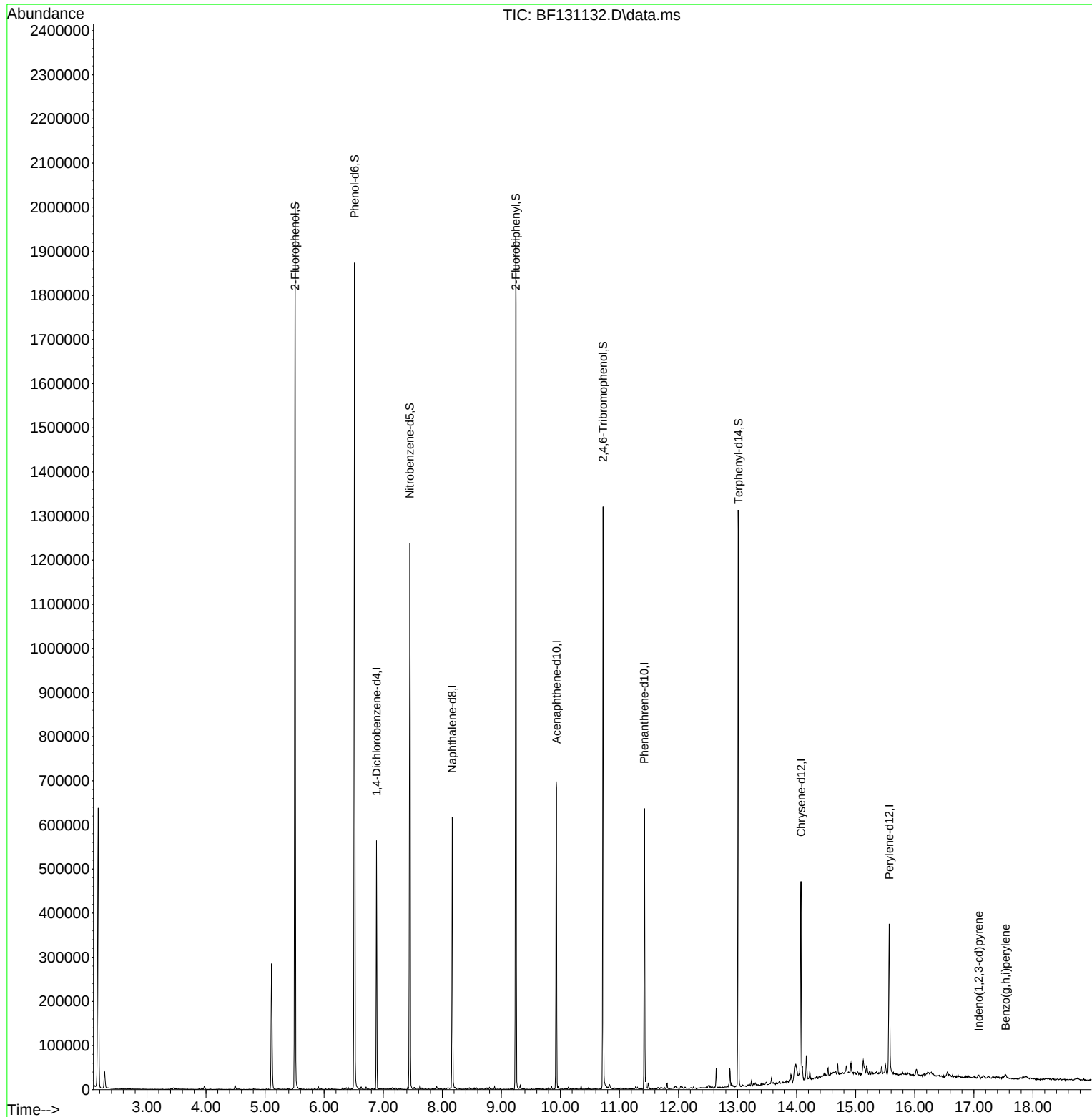
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	70874	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	267159	20.000	ng	#-0.01
39) Acenaphthene-d10	9.933	164	146992	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	216537	20.000	ng	0.00
76) Chrysene-d12	14.074	240	144112	20.000	ng	0.00
86) Perylene-d12	15.568	264	144655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	470192	112.822	ng	0.00
7) Phenol-d6	6.516	99	560392	102.852	ng	0.00
23) Nitrobenzene-d5	7.451	82	376927	63.657	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	141417	93.091	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	597810	56.774	ng	-0.01
79) Terphenyl-d14	13.015	244	449943	54.742	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	5421	4.286	ng	99
92) Benzo(g,h,i)perylene	17.539	276	5295	4.839	ng	# 91

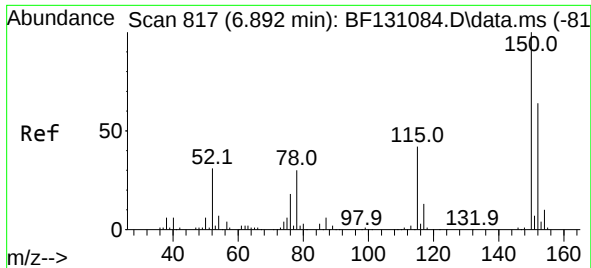
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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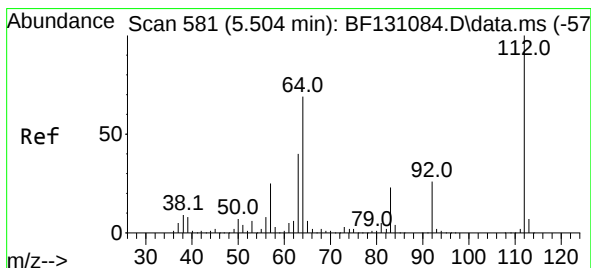
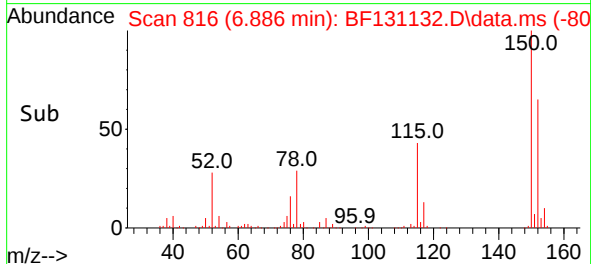
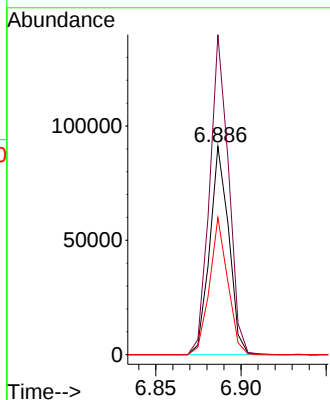
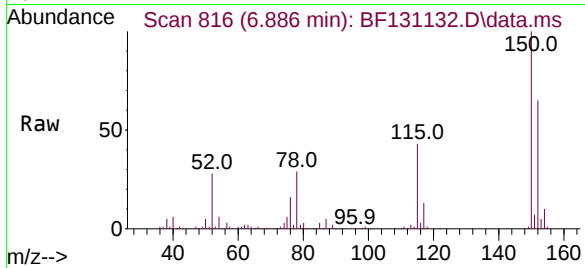




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131132.D
 Acq: 10 Nov 2022 20:08

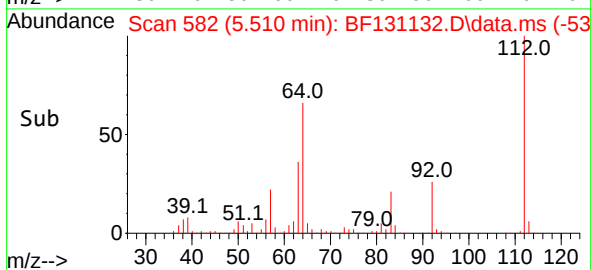
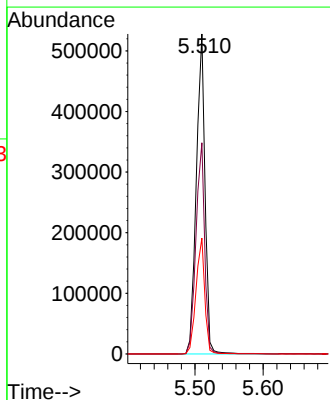
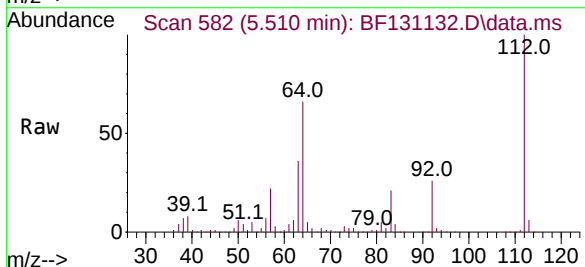
Instrument :
 BNA_F
 ClientSampleId :
 R20-3

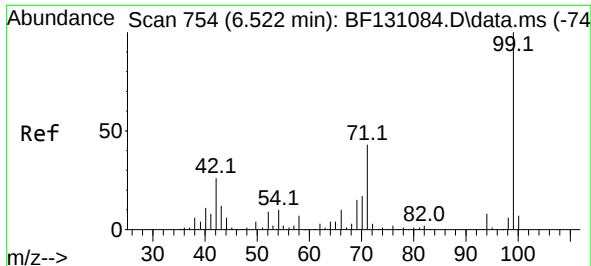
Tgt Ion:152 Resp: 70874
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.5 188.3
 115 65.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 112.822 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131132.D
 Acq: 10 Nov 2022 20:08

Tgt Ion:112 Resp: 470192
 Ion Ratio Lower Upper
 112 100
 64 66.0 55.1 82.7
 63 36.2 32.4 48.6

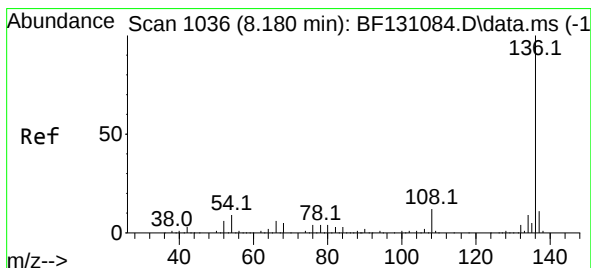
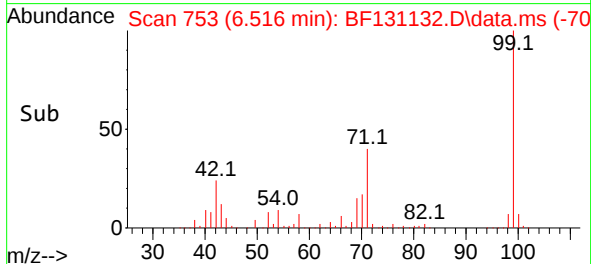
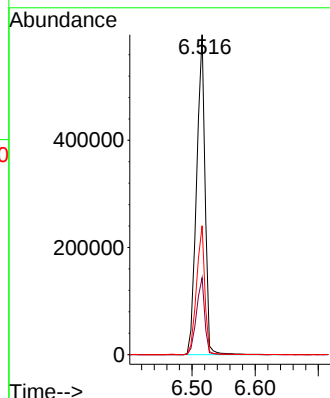
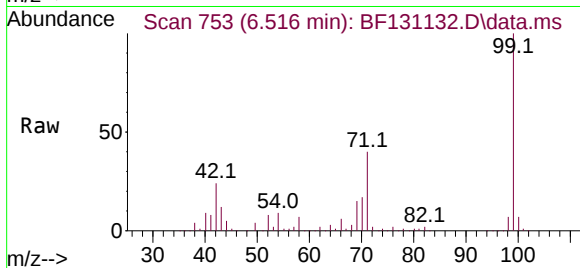




#7
Phenol-d6
Concen: 102.852 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

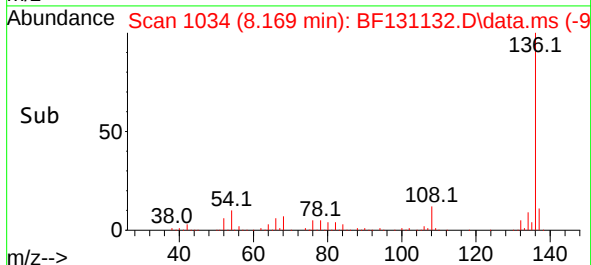
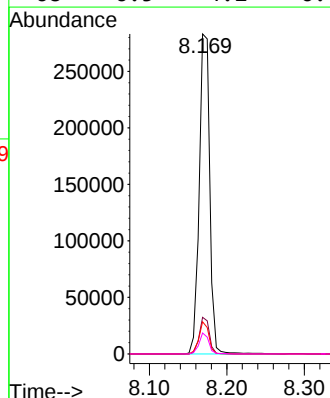
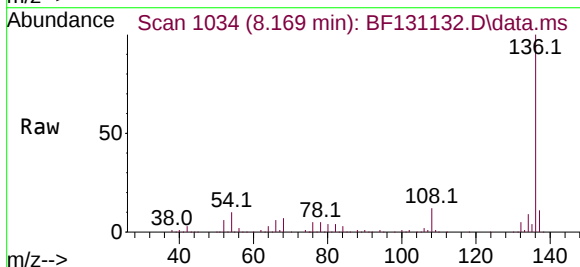
Instrument :
BNA_F
ClientSampleId :
R20-3

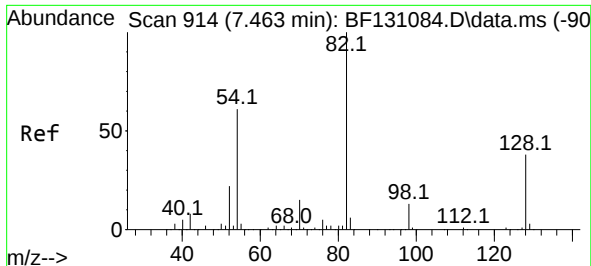
Tgt Ion: 99 Resp: 560392
Ion Ratio Lower Upper
99 100
42 24.0 20.8 31.2
71 40.3 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

Tgt Ion:136 Resp: 267159
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.0 7.2 10.8
68 6.5 4.2 6.4

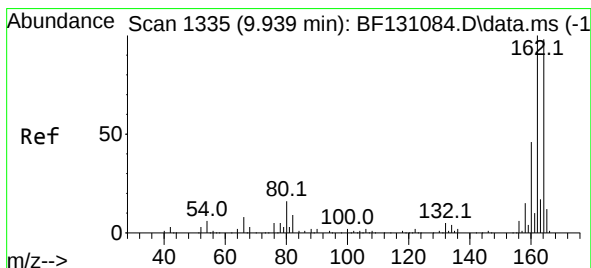
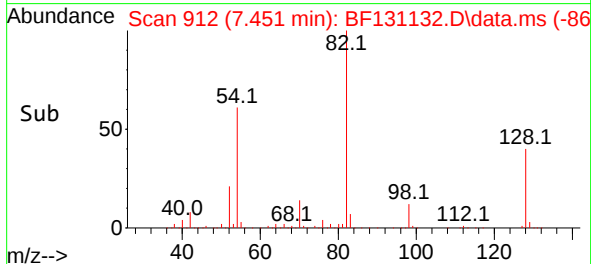
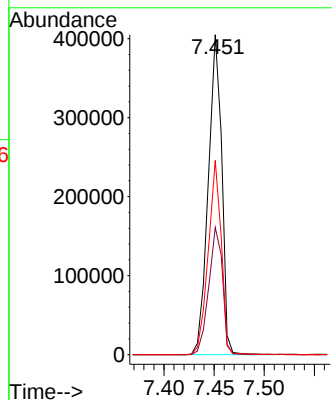
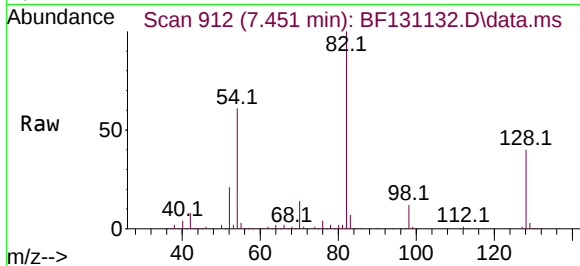




#23
Nitrobenzene-d5
Concen: 63.657 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

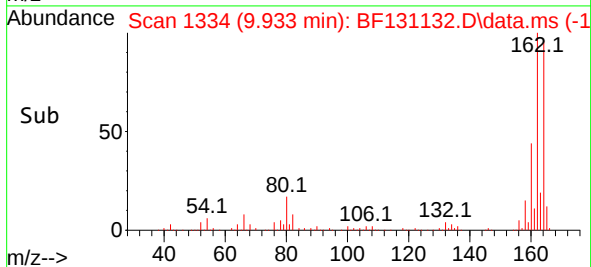
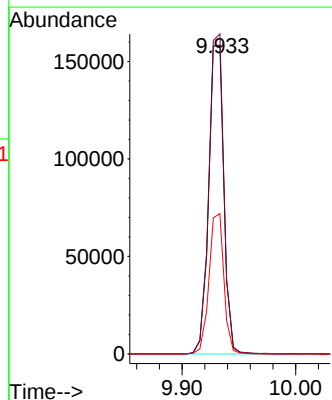
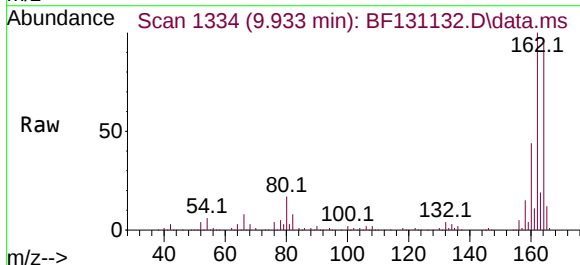
Instrument :
BNA_F
ClientSampleId :
R20-3

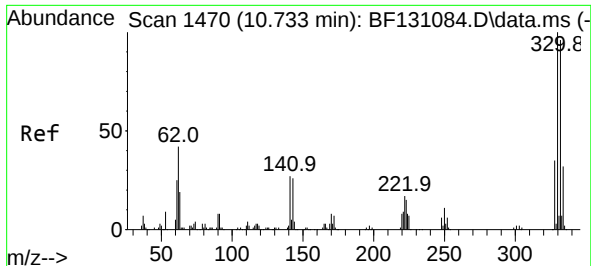
Tgt Ion: 82 Resp: 376927
Ion Ratio Lower Upper
82 100
128 39.7 30.5 45.7
54 60.7 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

Tgt Ion:164 Resp: 146992
Ion Ratio Lower Upper
164 100
162 103.7 81.7 122.5
160 45.4 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 93.091 ng

RT: 10.721 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131132.D

Acq: 10 Nov 2022 20:08

Instrument :

BNA_F

ClientSampleId :

R20-3

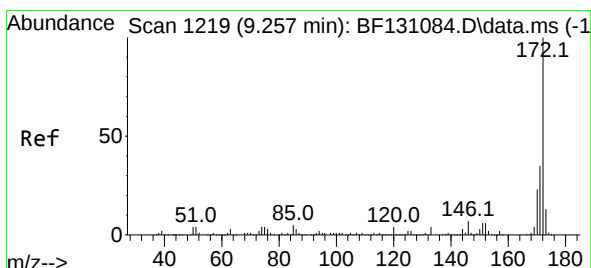
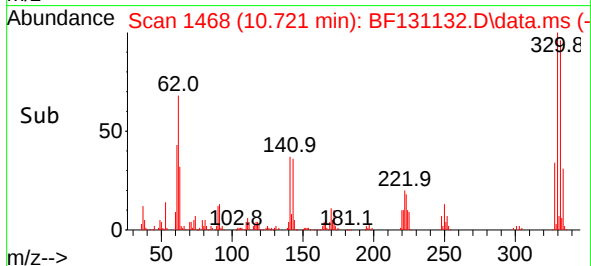
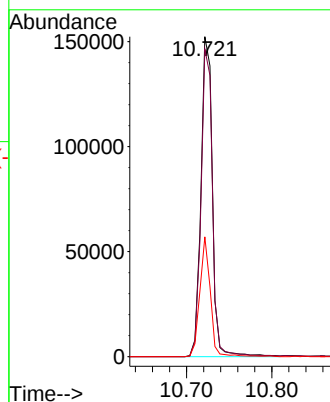
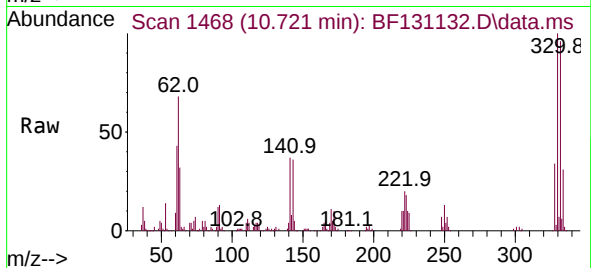
Tgt Ion:330 Resp: 141417

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 34.6 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 56.774 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF131132.D

Acq: 10 Nov 2022 20:08

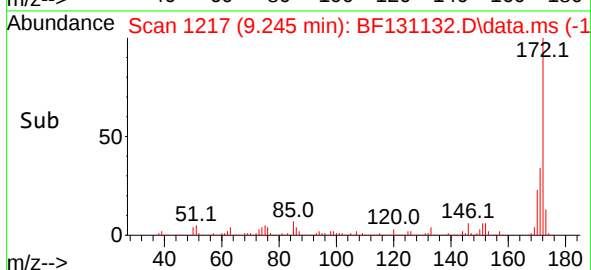
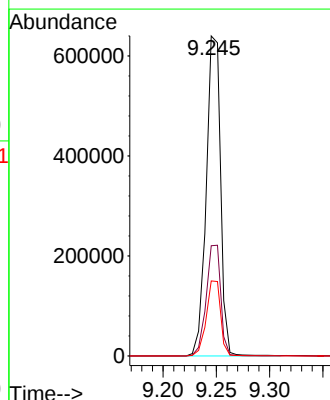
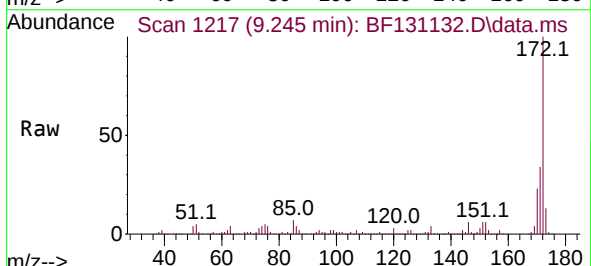
Tgt Ion:172 Resp: 597810

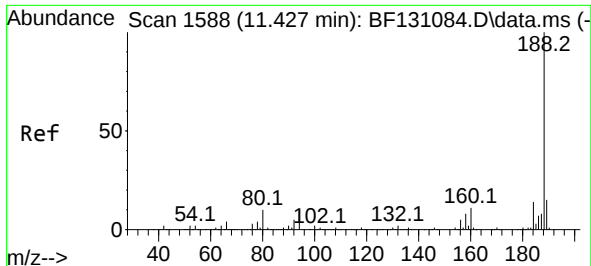
Ion Ratio Lower Upper

172 100

171 34.4 27.7 41.5

170 23.4 18.8 28.2

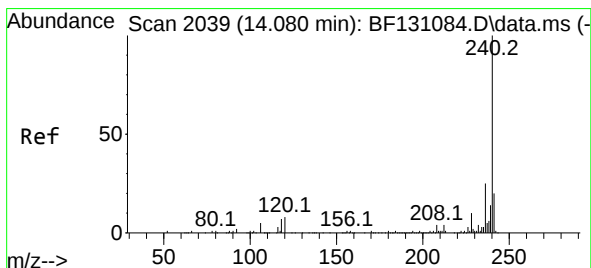
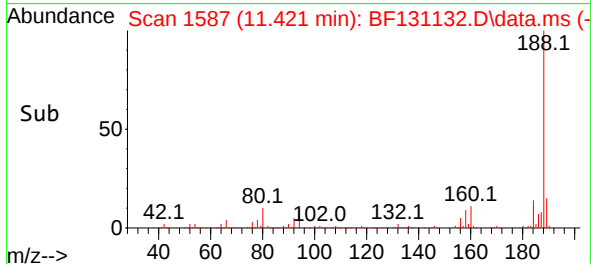
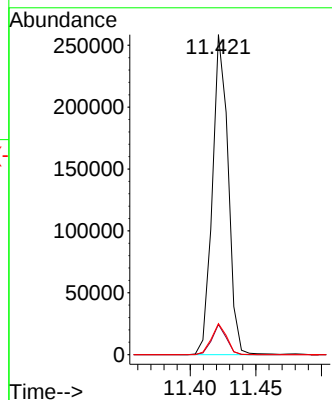
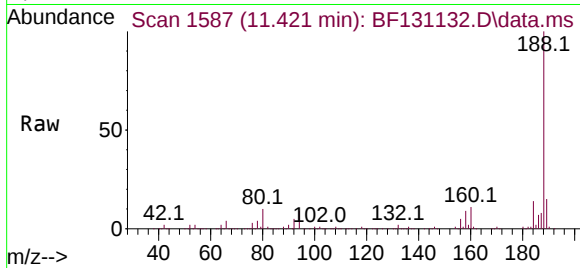




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

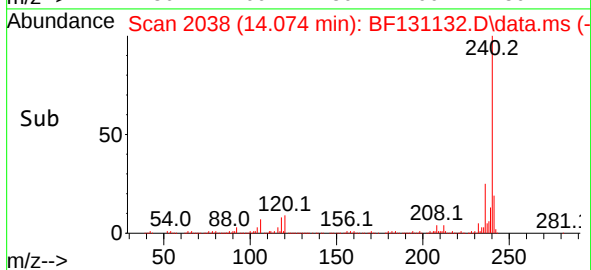
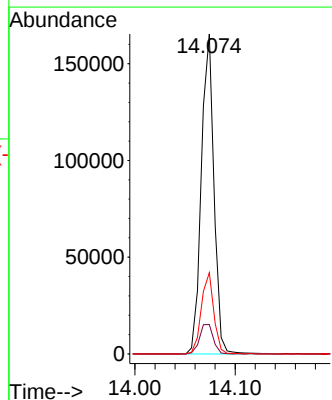
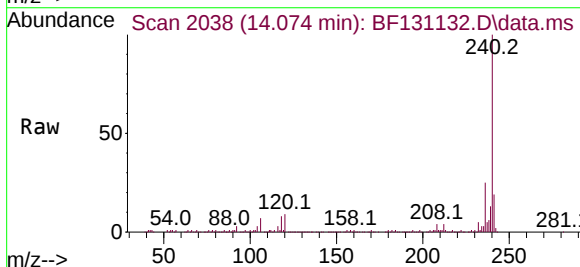
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R20-3

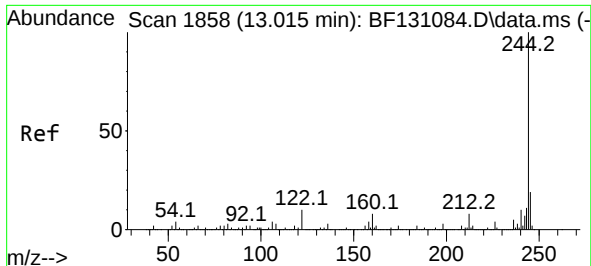
Tgt Ion:188 Resp: 216537
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131132.D
Acq: 10 Nov 2022 20:08

Tgt Ion:240 Resp: 144112
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.4 19.7 29.5

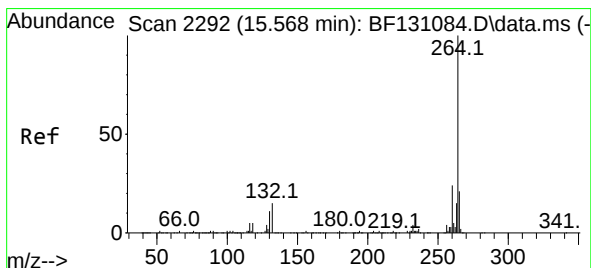
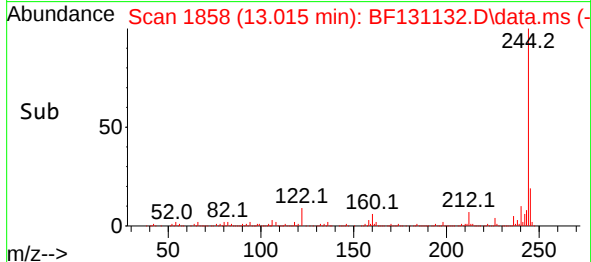
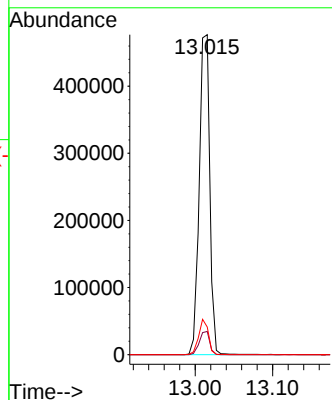
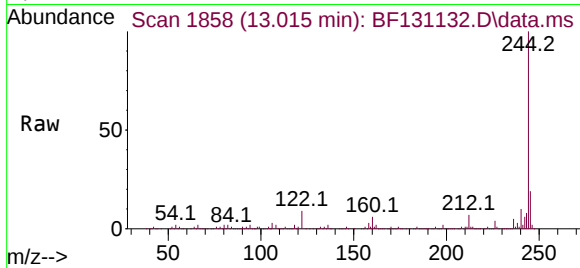




#79
 Terphenyl-d14
 Concen: 54.742 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131132.D
 Acq: 10 Nov 2022 20:08

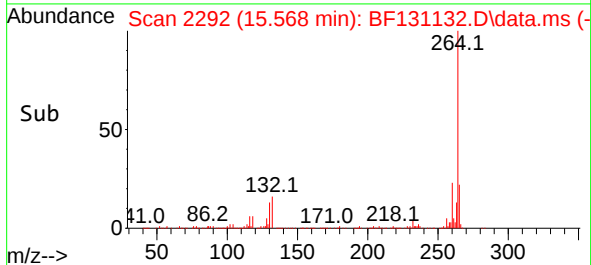
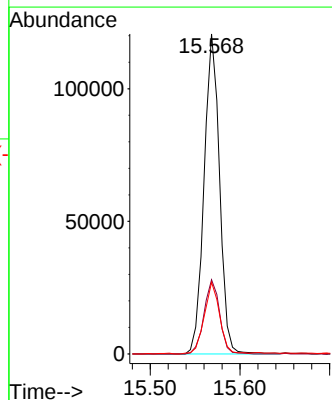
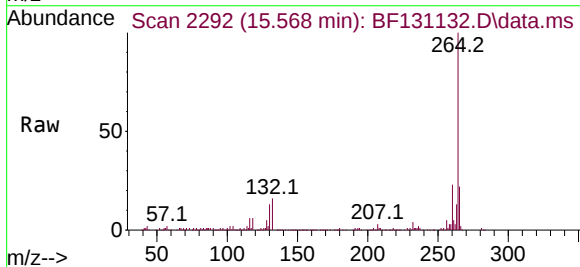
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 BNA_F
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 R20-3

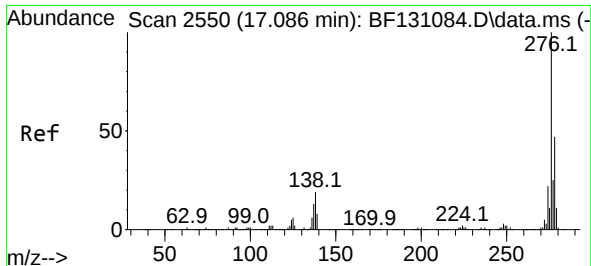
Tgt Ion:244 Resp: 449943
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131132.D
 Acq: 10 Nov 2022 20:08

Tgt Ion:264 Resp: 144655
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 22.4 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.286 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131132.D

Acq: 10 Nov 2022 20:08

Instrument :

BNA_F

ClientSampleId :

R20-3

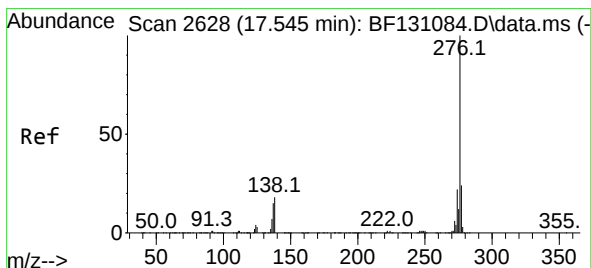
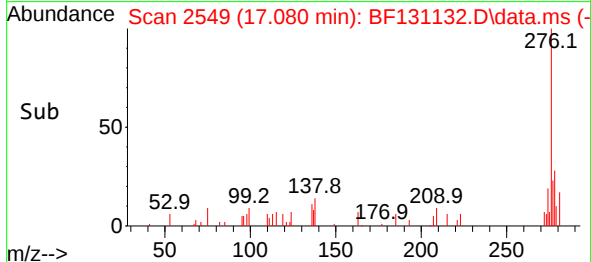
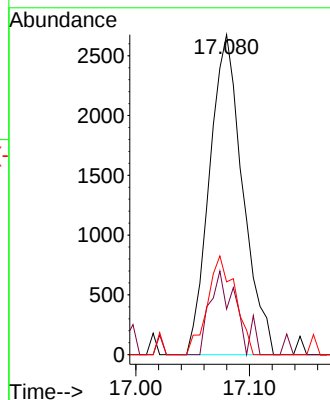
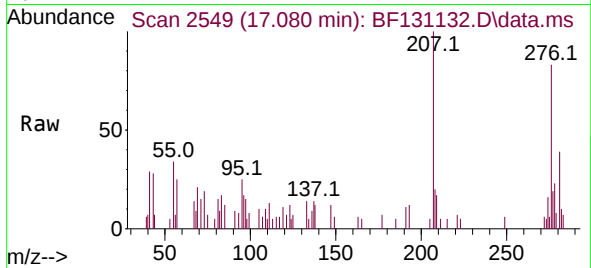
Tgt Ion:276 Resp: 5421

Ion Ratio Lower Upper

276 100

138 20.6 16.9 25.3

277 25.9 20.3 30.5



#92

Benzo(g,h,i)perylene

Concen: 4.839 ng

RT: 17.539 min Scan# 2627

Delta R.T. -0.006 min

Lab File: BF131132.D

Acq: 10 Nov 2022 20:08

Tgt Ion:276 Resp: 5295

Ion Ratio Lower Upper

276 100

277 18.6 19.0 28.4#

138 21.1 14.6 21.8

