

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131050.D
 Acq On : 07 Nov 2022 18:54
 Operator : CG\JU
 Sample : N5415-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-16

Quant Time: Nov 08 02:17:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

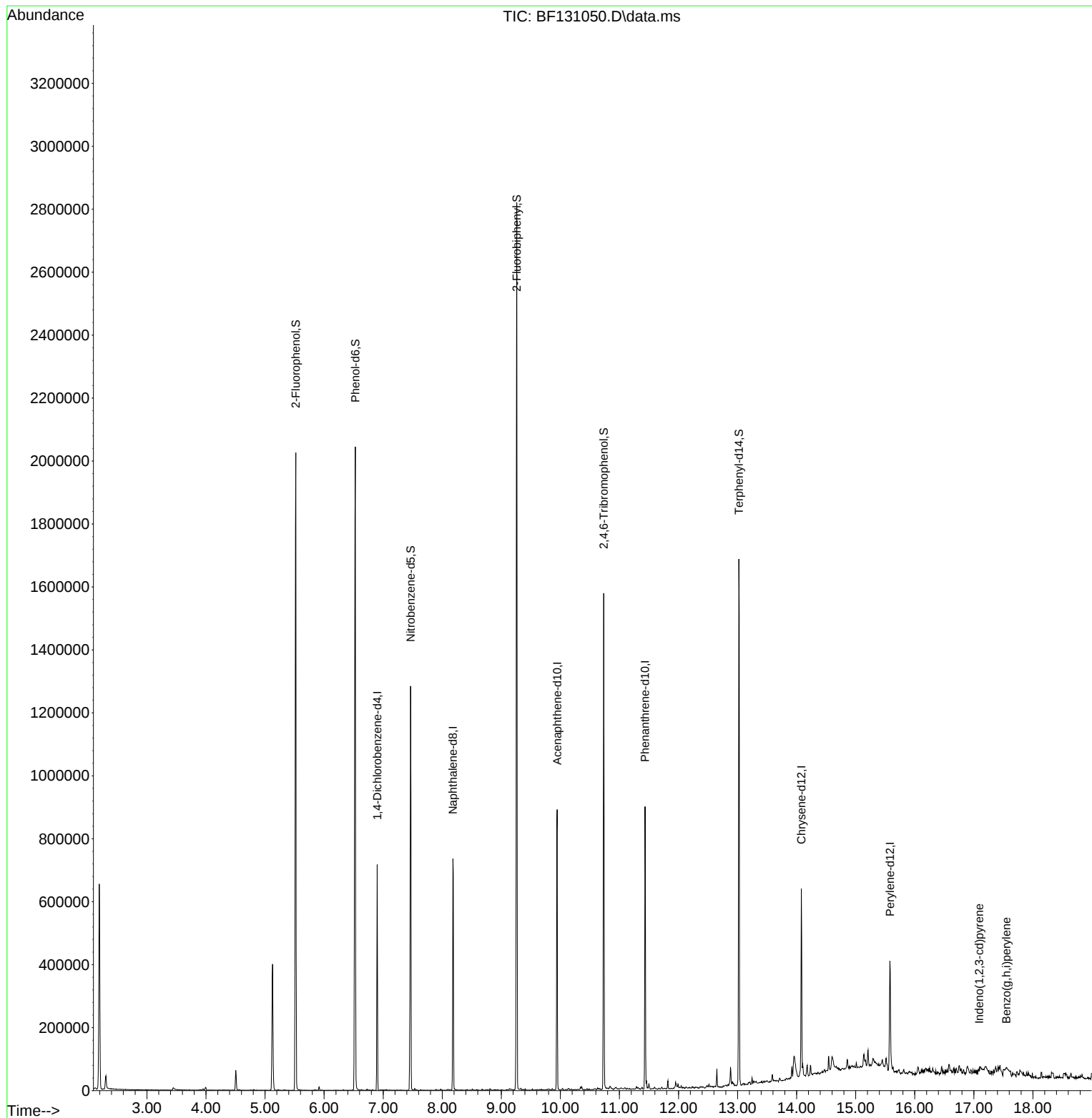
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82229	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	310669	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	175541	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	301771	20.000	ng	0.00
76) Chrysene-d12	14.080	240	187239	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	160025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	490737	96.233	ng	0.00
7) Phenol-d6	6.528	99	673423	108.194	ng	0.00
23) Nitrobenzene-d5	7.463	82	397886	59.366	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	157961	81.732	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	763104	59.244	ng	0.00
79) Terphenyl-d14	13.021	244	572095	48.986	ng	-0.01
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.092	276	7564	3.846	ng	# 92
92) Benzo(g,h,i)perylene	17.551	276	8600	4.104	ng	96

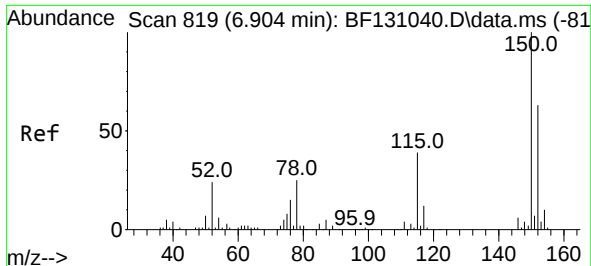
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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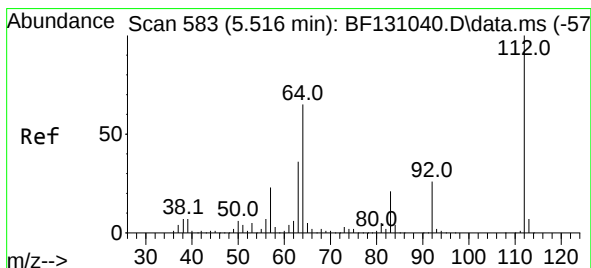
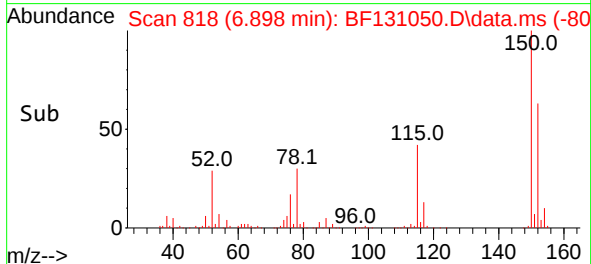
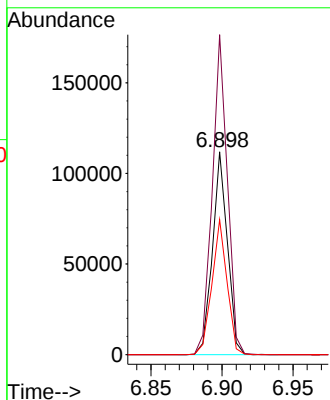
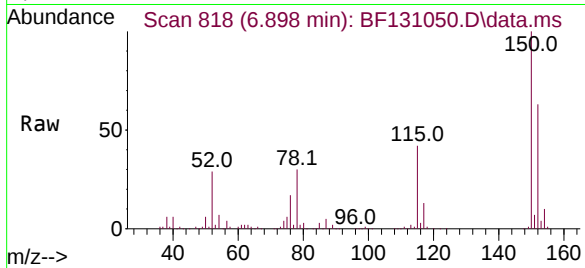




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

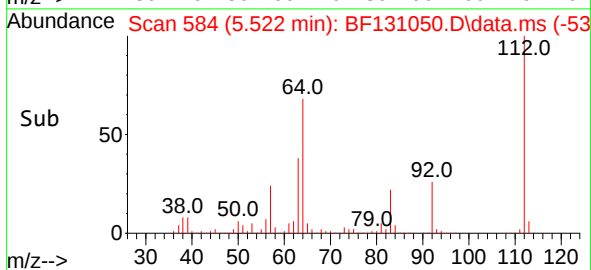
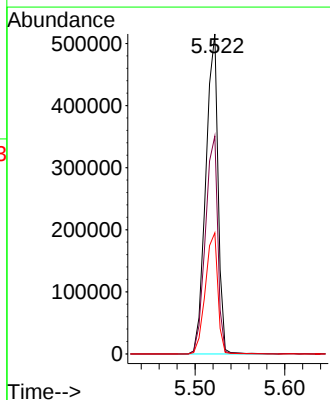
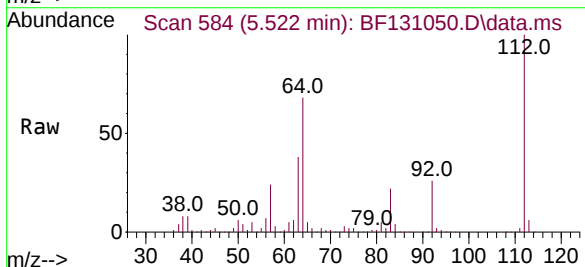
Instrument :
BNA_F
ClientSampleId :
R-16

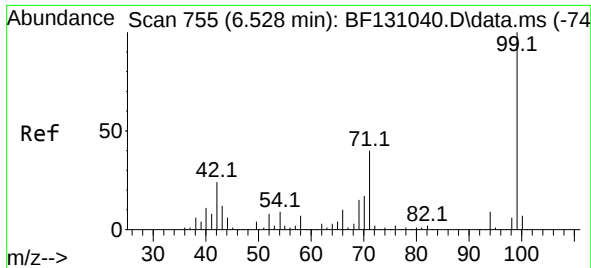
Tgt Ion:152 Resp: 82229
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 66.5 49.1 73.7



#5
2-Fluorophenol
Concen: 96.233 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion:112 Resp: 490737
Ion Ratio Lower Upper
112 100
64 68.1 52.2 78.4
63 37.8 29.0 43.4

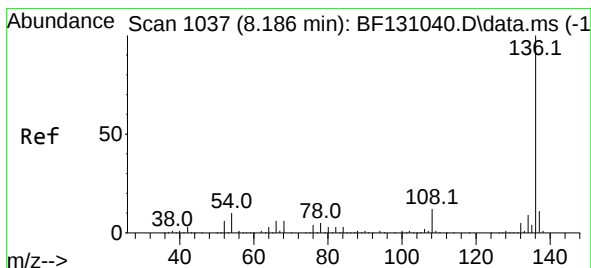
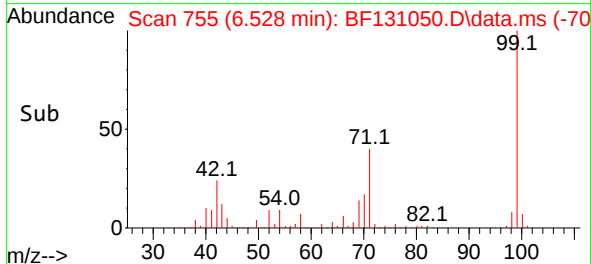
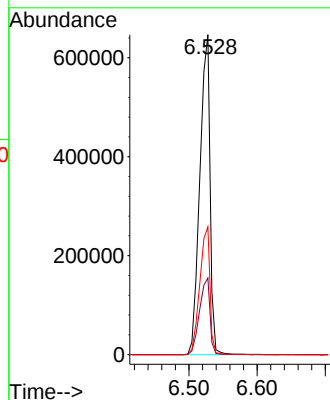
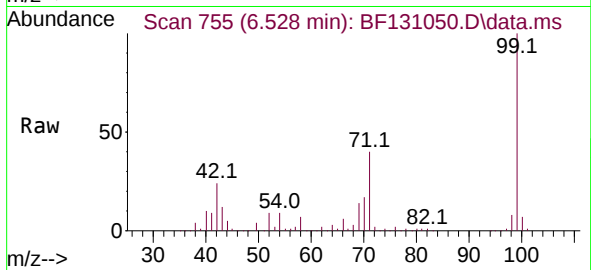




#7
Phenol-d6
Concen: 108.194 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

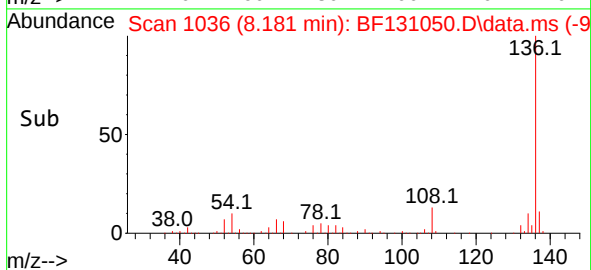
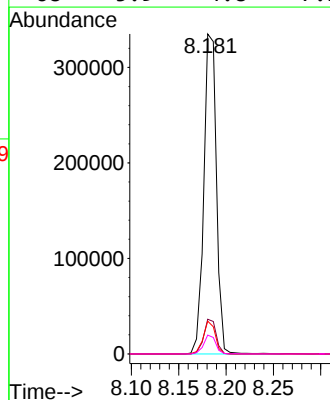
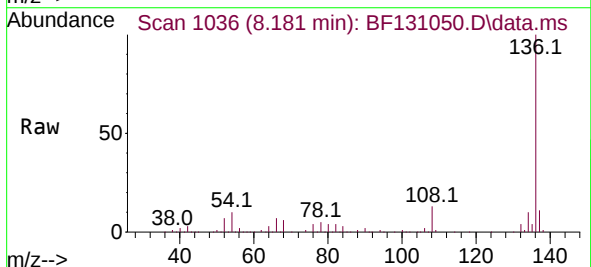
Instrument :
BNA_F
ClientSampleId :
R-16

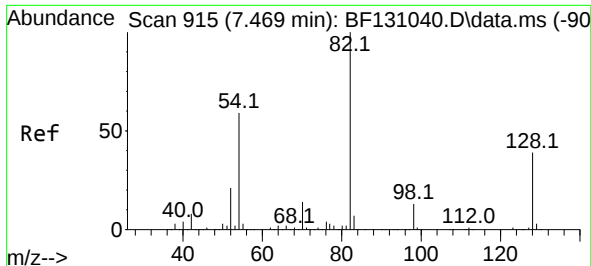
Tgt Ion: 99 Resp: 673423
Ion Ratio Lower Upper
99 100
42 23.9 19.4 29.0
71 39.9 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131050.D
Acq: 07 Nov 2022 18:54

Tgt Ion: 136 Resp: 310669
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 8.2 12.2
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.366 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

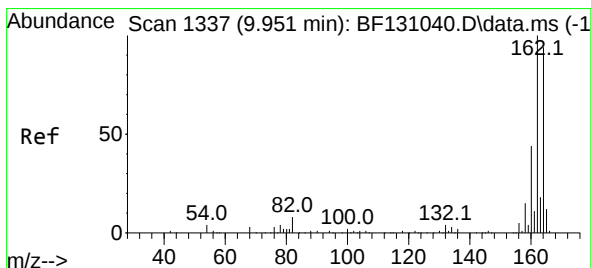
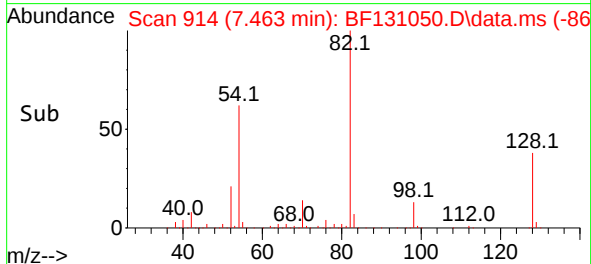
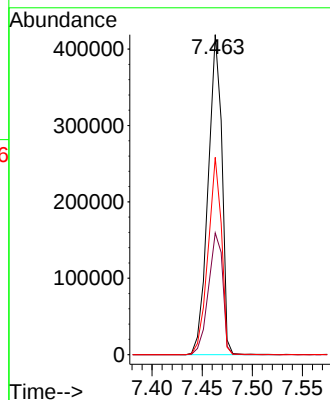
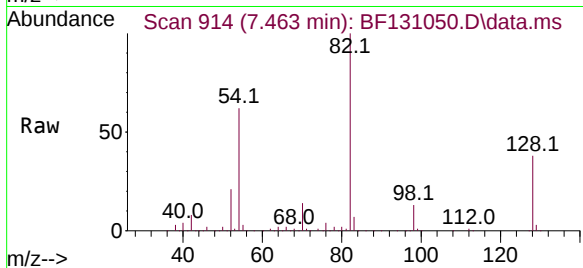
Tgt Ion: 82 Resp: 397886

Ion Ratio Lower Upper

82 100

128 38.0 31.3 46.9

54 61.6 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

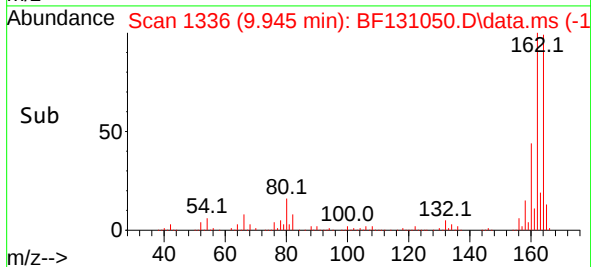
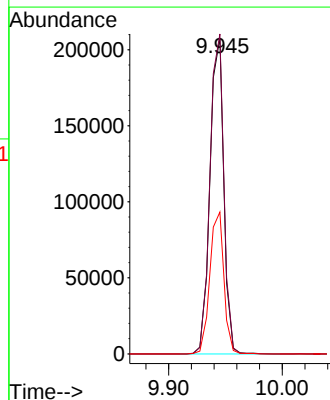
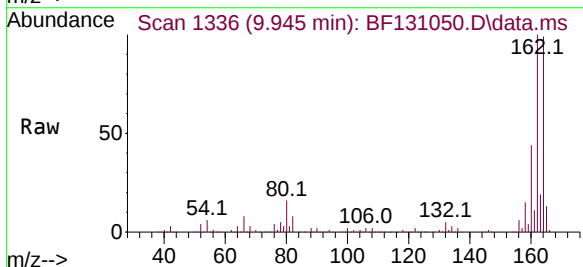
Tgt Ion:164 Resp: 175541

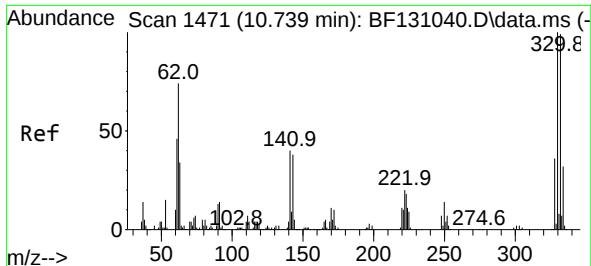
Ion Ratio Lower Upper

164 100

162 101.3 85.0 127.6

160 44.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 81.732 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

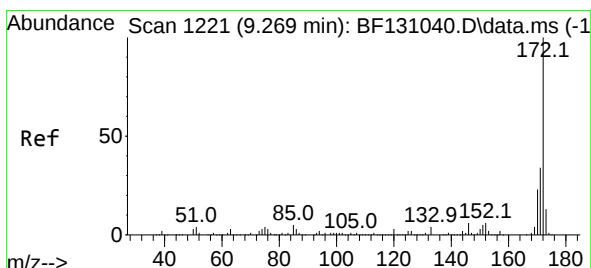
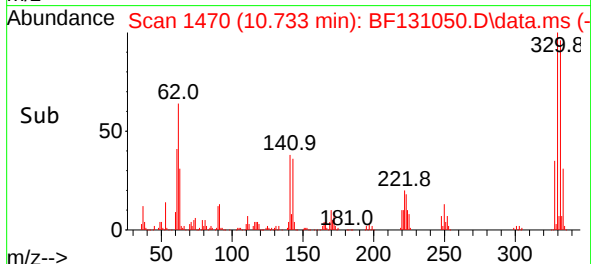
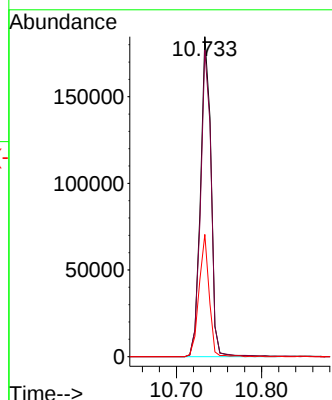
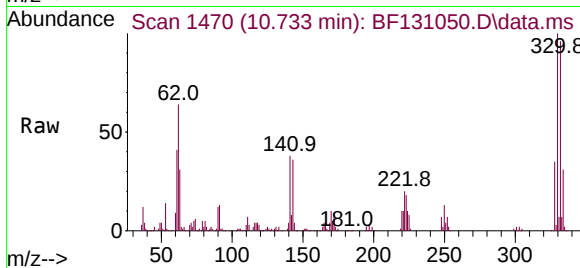
Tgt Ion:330 Resp: 157961

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 36.6 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 59.244 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

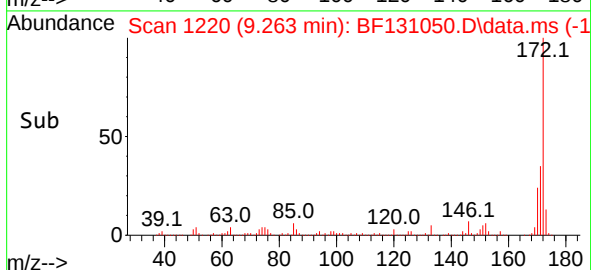
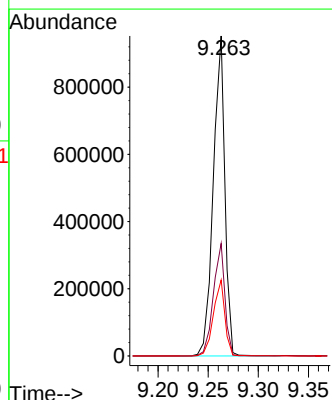
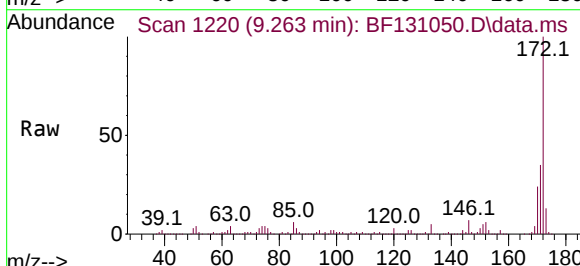
Tgt Ion:172 Resp: 763104

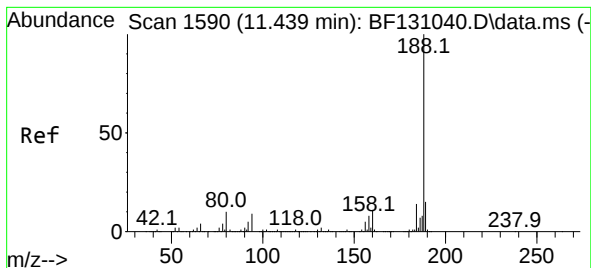
Ion Ratio Lower Upper

172 100

171 35.1 27.7 41.5

170 23.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

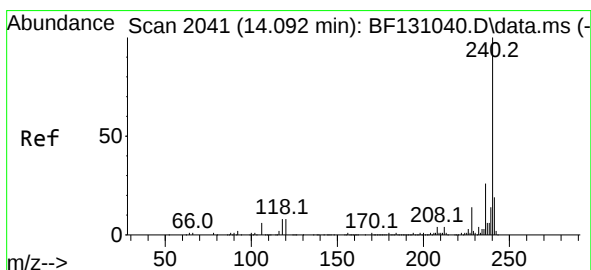
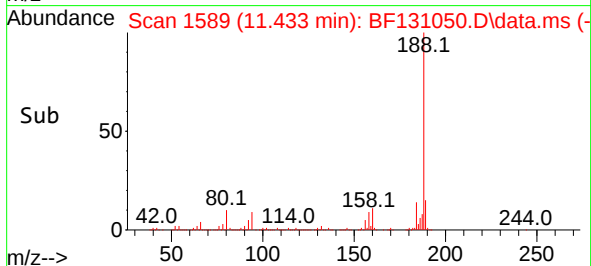
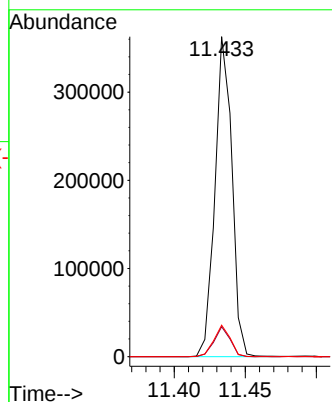
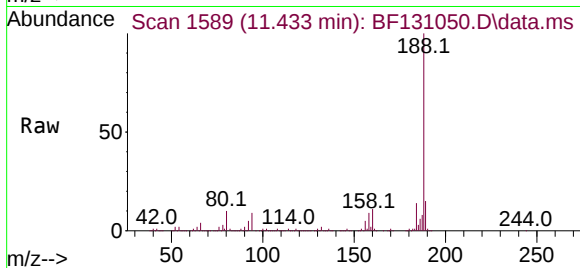
Tgt Ion:188 Resp: 301771

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

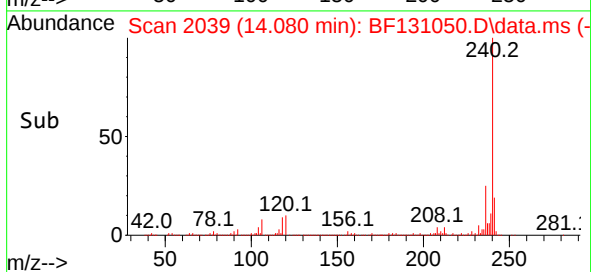
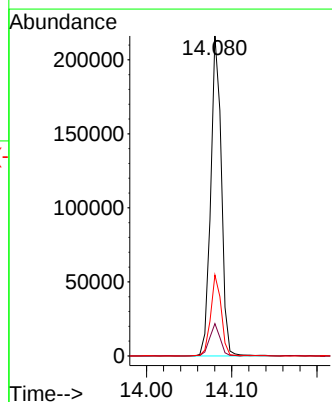
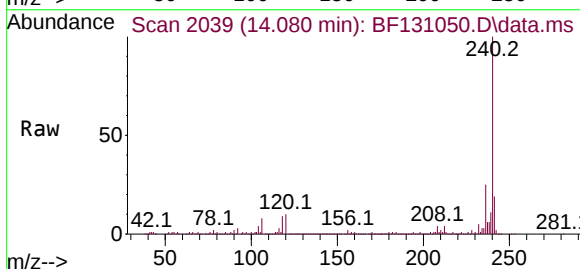
Tgt Ion:240 Resp: 187239

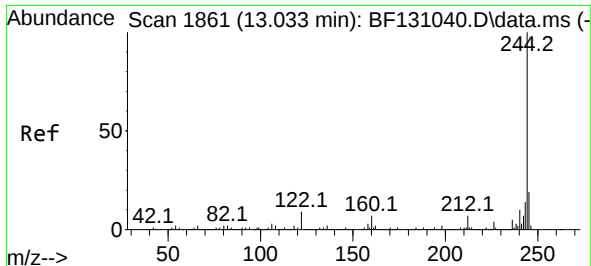
Ion Ratio Lower Upper

240 100

120 10.1 6.7 10.1#

236 25.3 20.8 31.2

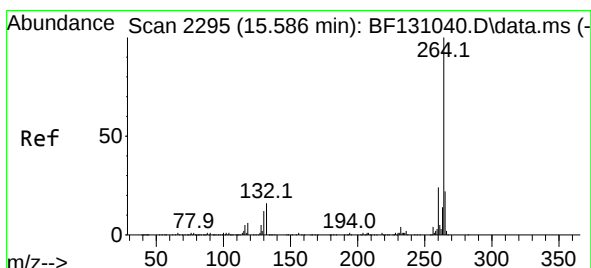
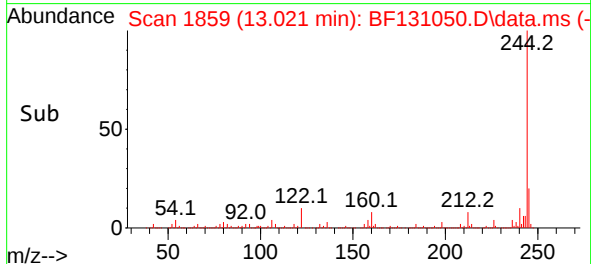
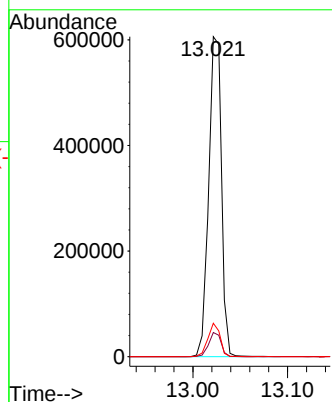
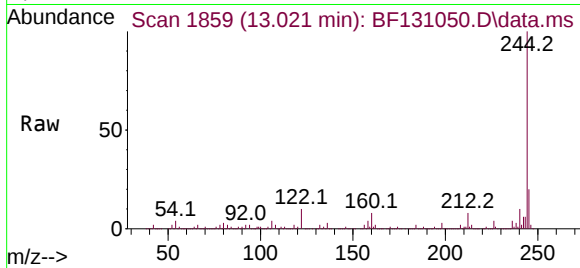




#79
 Terphenyl-d14
 Concen: 48.986 ng
 RT: 13.021 min Scan# 1861
 Delta R.T. -0.012 min
 Lab File: BF131050.D
 Acq: 07 Nov 2022 18:54

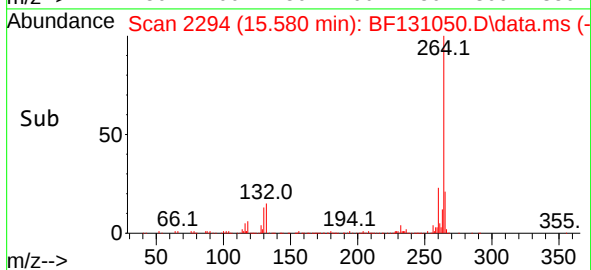
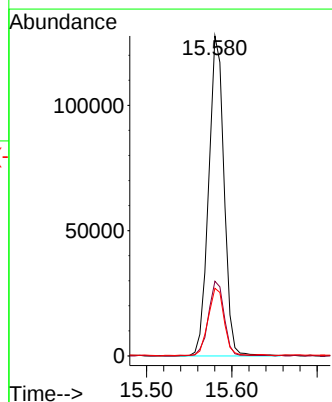
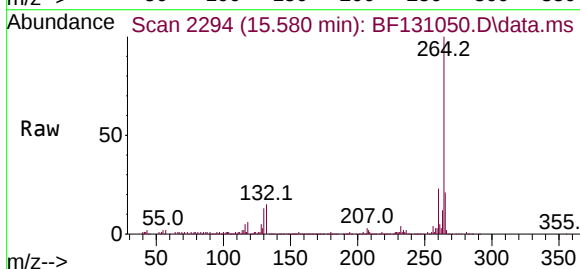
Instrument :
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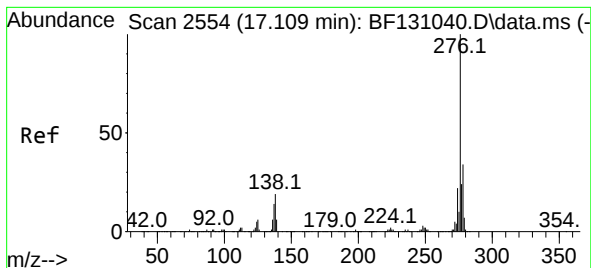
Tgt Ion:244 Resp: 572095
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131050.D
 Acq: 07 Nov 2022 18:54

Tgt Ion:264 Resp: 160025
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.1 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.846 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Instrument :

BNA_F

ClientSampleId :

R-16

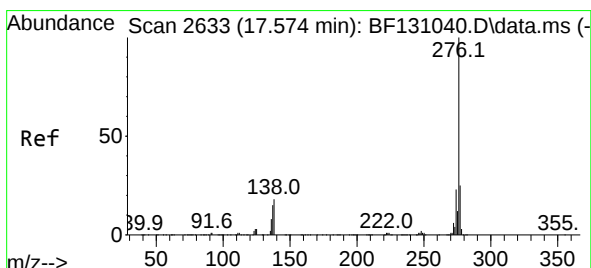
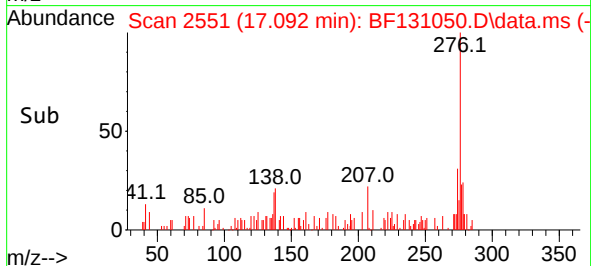
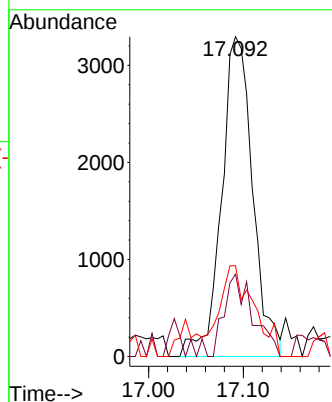
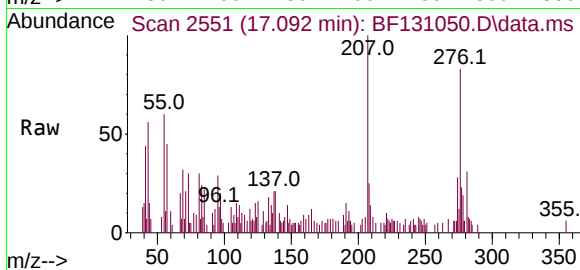
Tgt Ion:276 Resp: 7564

Ion Ratio Lower Upper

276 100

138 23.7 17.3 25.9

277 31.1 20.2 30.4#



#92

Benzo(g,h,i)perylene

Concen: 4.104 ng

RT: 17.551 min Scan# 2629

Delta R.T. -0.023 min

Lab File: BF131050.D

Acq: 07 Nov 2022 18:54

Tgt Ion:276 Resp: 8600

Ion Ratio Lower Upper

276 100

277 26.7 20.0 30.0

138 20.9 14.8 22.2

