

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131098.D
 Acq On : 09 Nov 2022 21:05
 Operator : CG\JU
 Sample : N5439-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-4

Quant Time: Nov 10 04:33:12 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	6.892	152	90385	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	348734	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	190722	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	363841	20.000	ng	0.00
76) Chrysene-d12	14.068	240	258689	20.000	ng	-0.01
86) Perylene-d12	15.562	264	189182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	236303	44.461	ng	0.00
7) Phenol-d6	6.510	99	268960	38.708	ng	-0.01
23) Nitrobenzene-d5	7.451	82	374237	48.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	96032	48.721	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	691527	50.616	ng	0.00
79) Terphenyl-d14	13.016	244	773763	52.444	ng	0.00

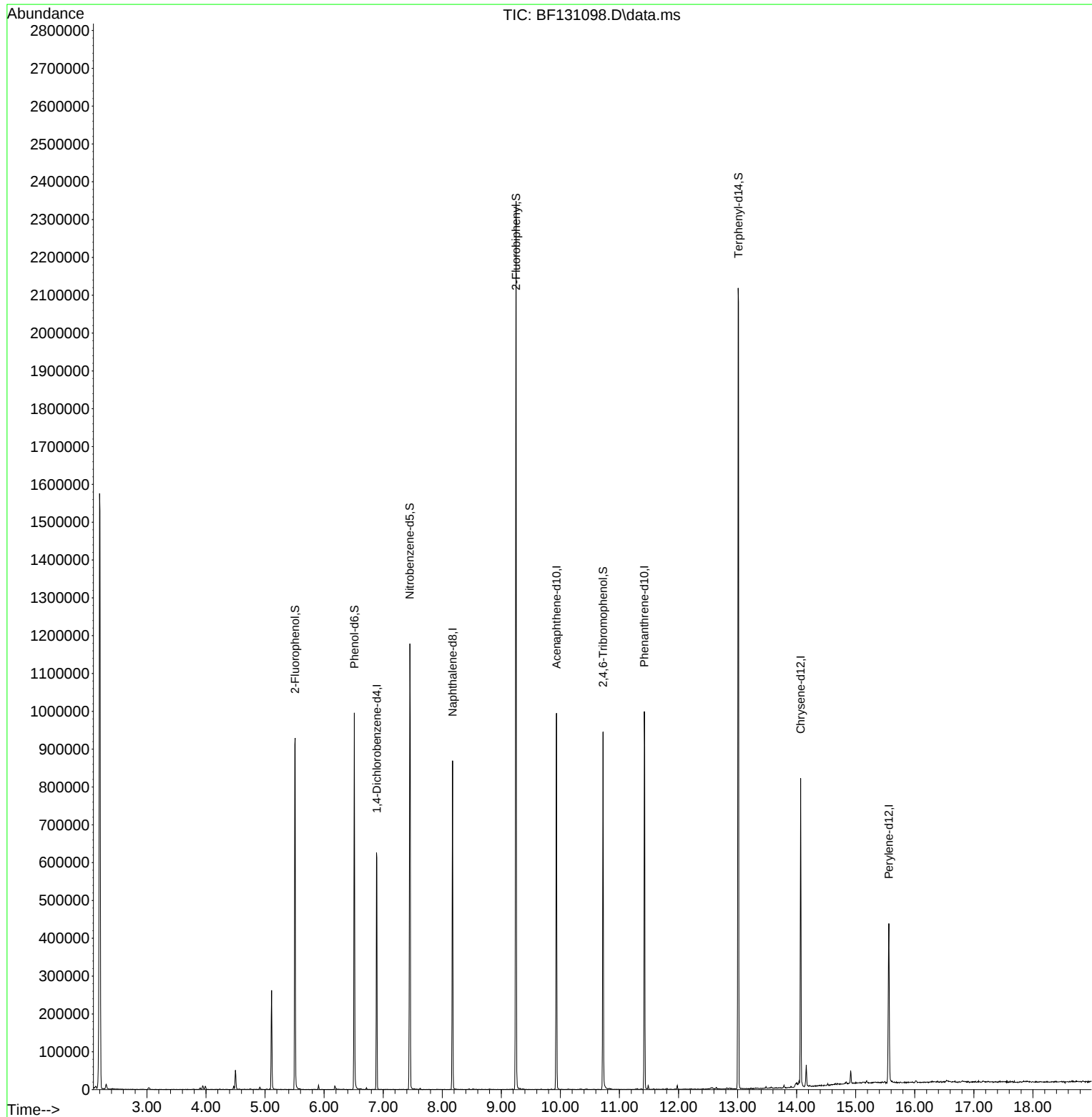
Target Compounds	Qvalue

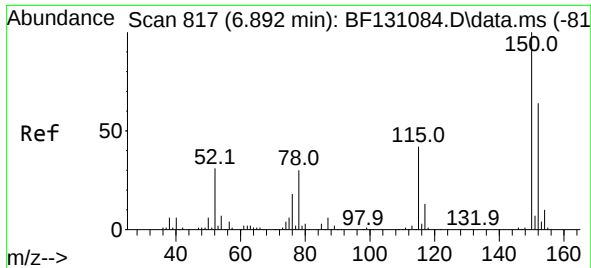
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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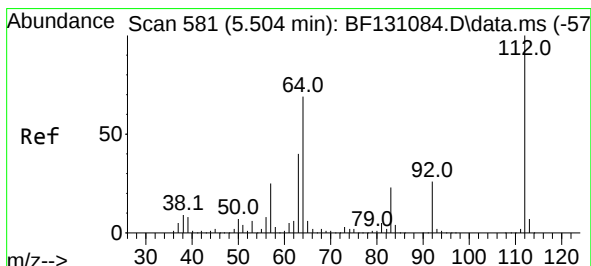
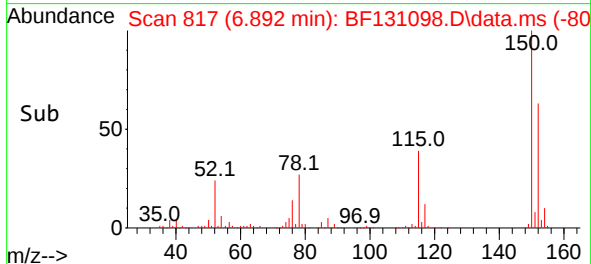
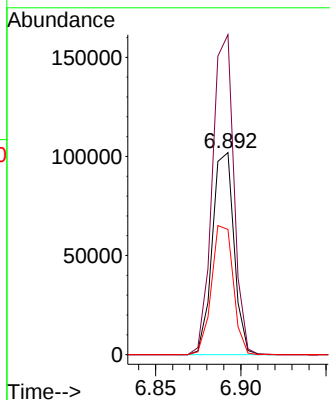
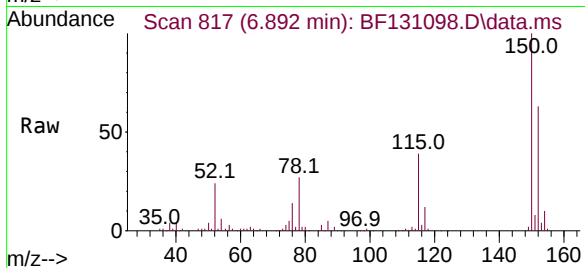




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

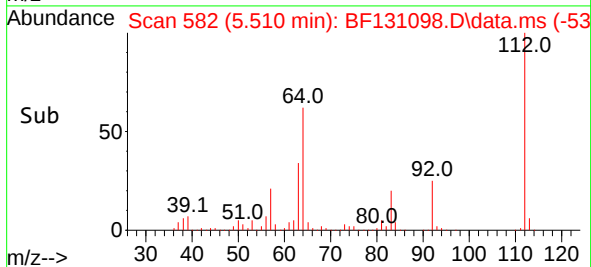
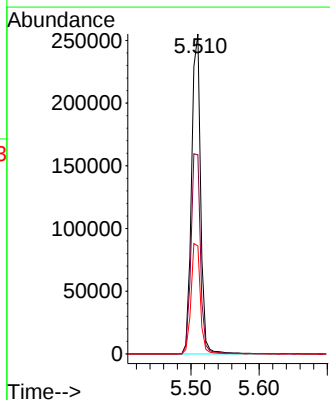
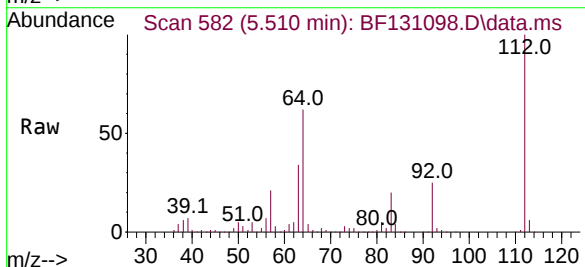
Instrument :
BNA_F
ClientSampleId :
506D-4

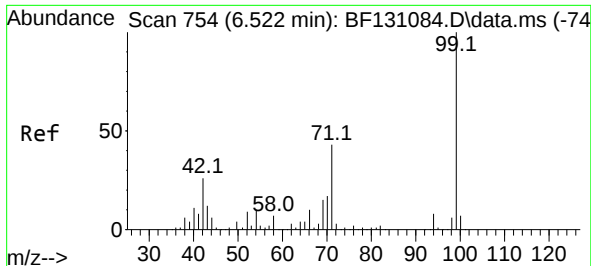
Tgt Ion:152 Resp: 90385
Ion Ratio Lower Upper
152 100
150 158.4 125.5 188.3
115 62.0 52.2 78.2



#5
2-Fluorophenol
Concen: 44.461 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:112 Resp: 236303
Ion Ratio Lower Upper
112 100
64 62.2 55.1 82.7
63 33.7 32.4 48.6

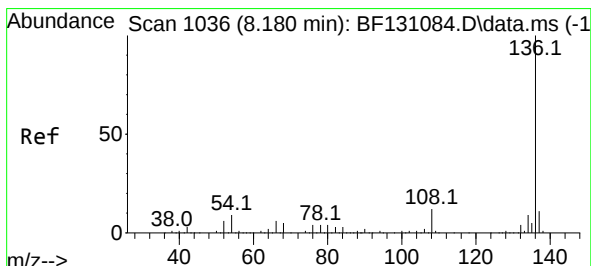
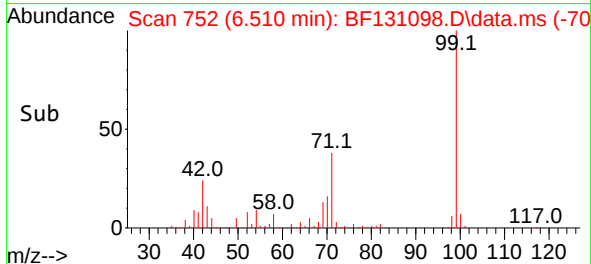
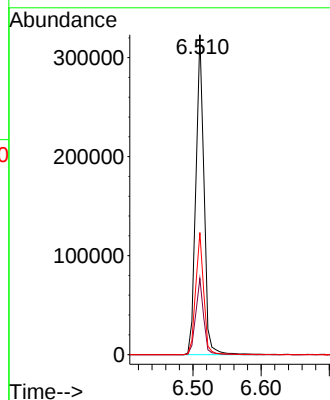
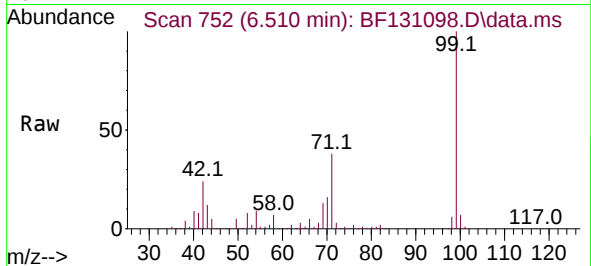




#7
Phenol-d6
Concen: 38.708 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

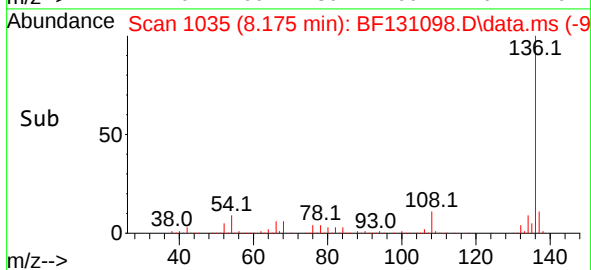
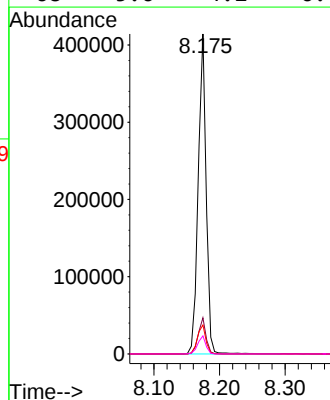
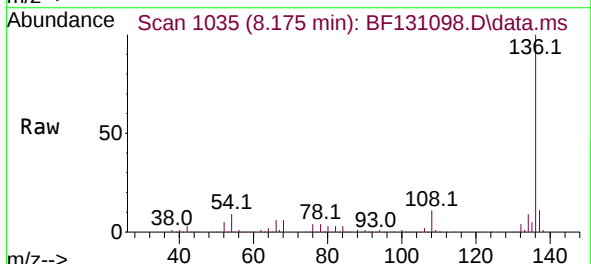
Instrument :
BNA_F
ClientSampleId :
506D-4

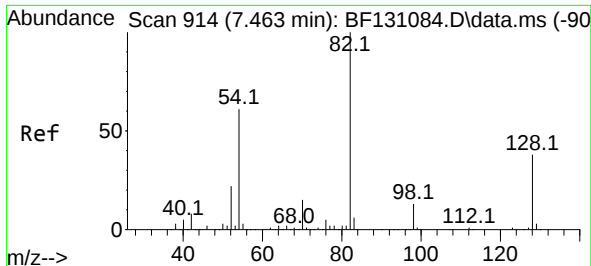
Tgt Ion: 99 Resp: 268960
Ion Ratio Lower Upper
99 100
42 23.8 20.8 31.2
71 38.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion: 136 Resp: 348734
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.0 7.2 10.8
68 5.6 4.2 6.4

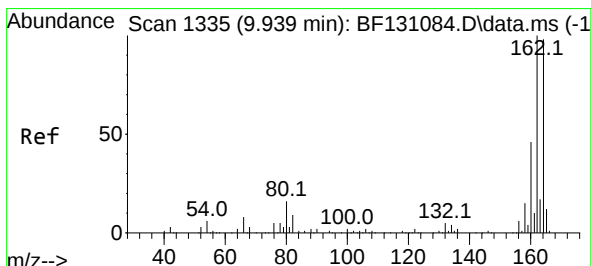
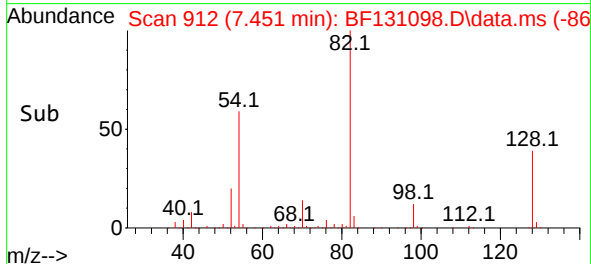
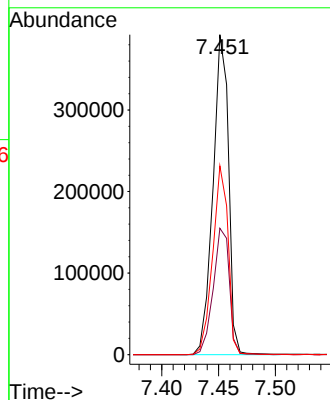
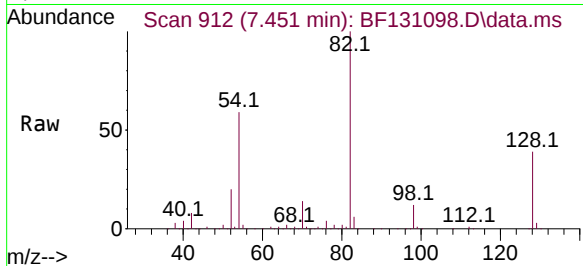




#23
Nitrobenzene-d5
Concen: 48.418 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

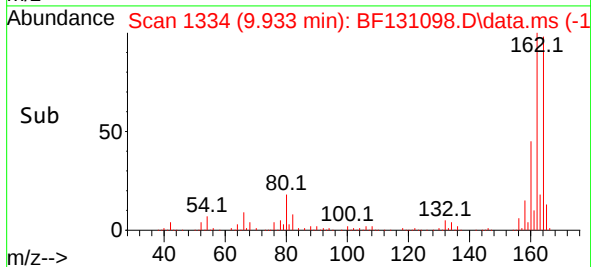
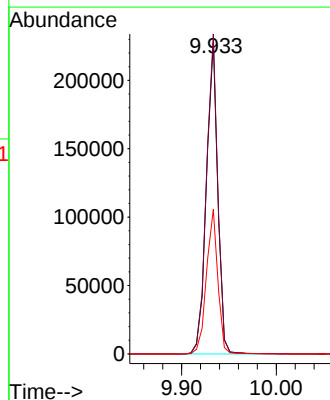
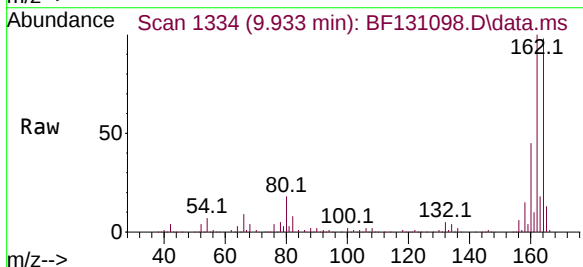
Instrument :
BNA_F
ClientSampleId :
506D-4

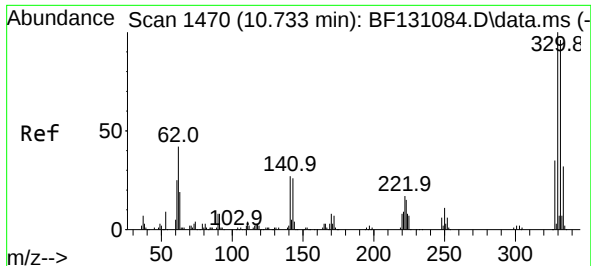
Tgt Ion: 82 Resp: 374237
Ion Ratio Lower Upper
82 100
128 39.5 30.5 45.7
54 59.0 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

Tgt Ion:164 Resp: 190722
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.3 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 48.721 ng

RT: 10.722 min Scan# 1470

Delta R.T. -0.012 min

Lab File: BF131098.D

Acq: 09 Nov 2022 21:05

Instrument :

BNA_F

ClientSampleId :

506D-4

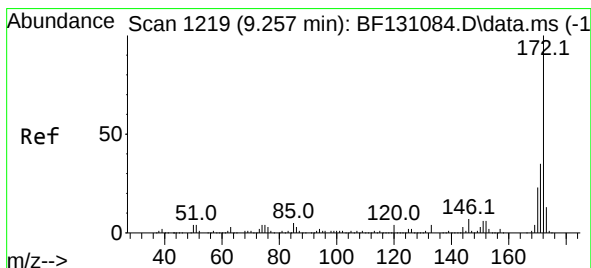
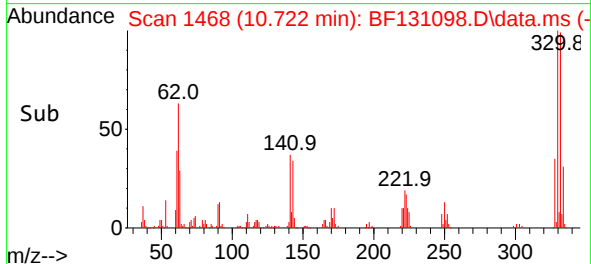
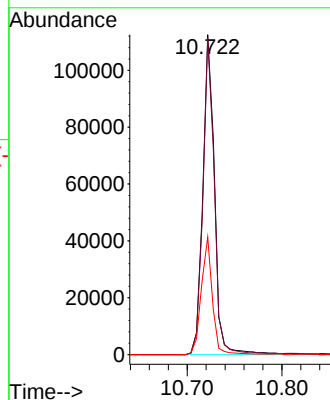
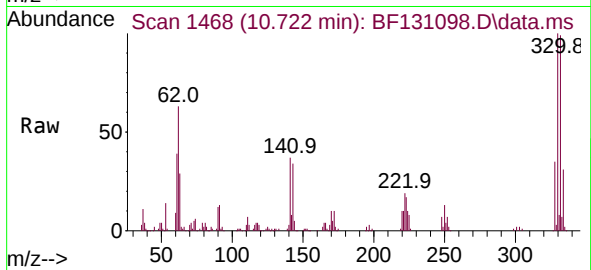
Tgt Ion:330 Resp: 96032

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 35.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 50.616 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131098.D

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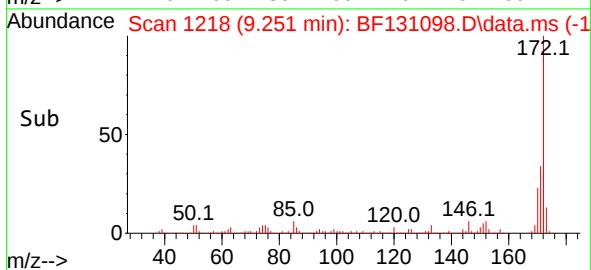
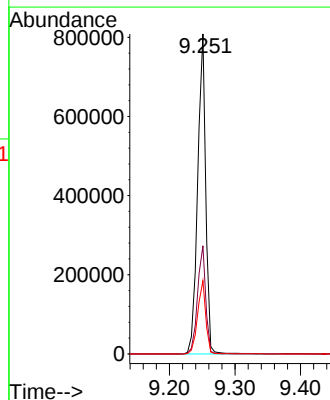
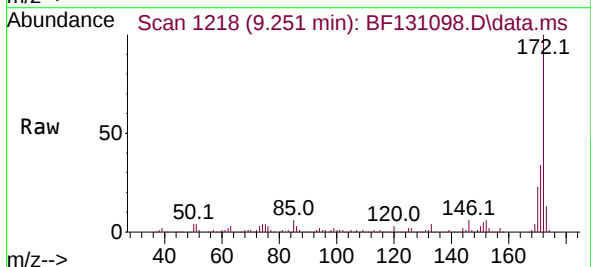
Tgt Ion:172 Resp: 691527

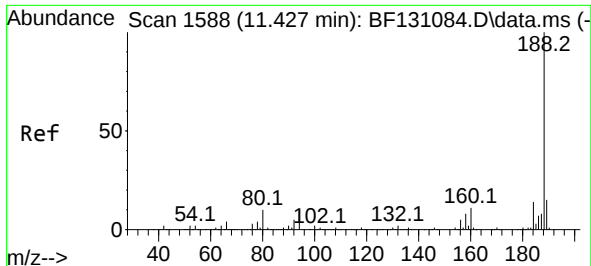
Ion Ratio Lower Upper

172 100

171 33.8 27.7 41.5

170 22.9 18.8 28.2

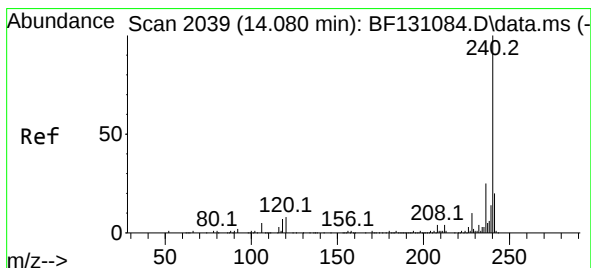
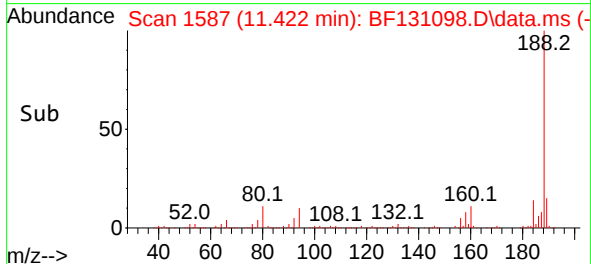
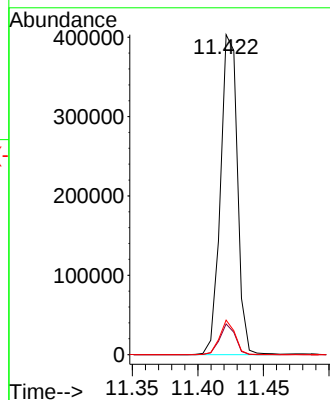
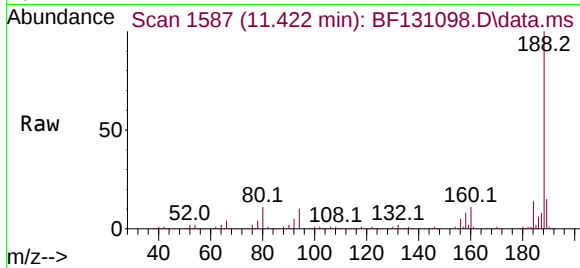




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

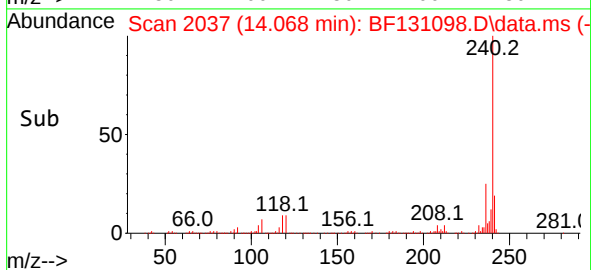
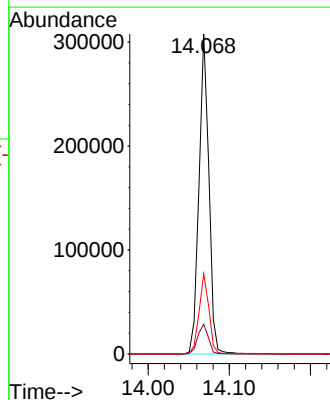
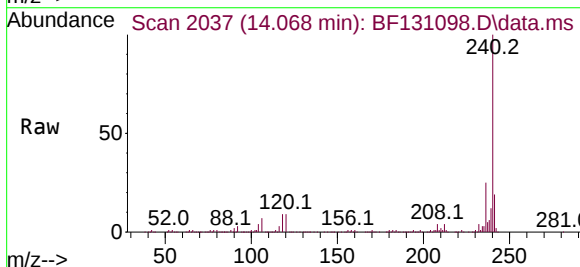
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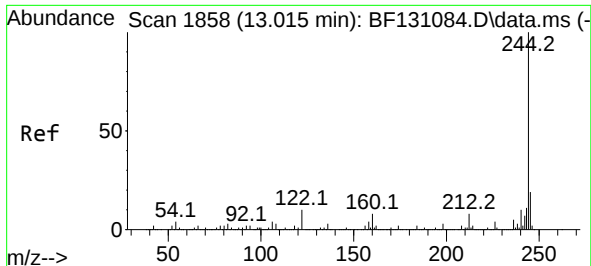
Tgt Ion:188 Resp: 363841
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF131098.D
Acq: 09 Nov 2022 21:05

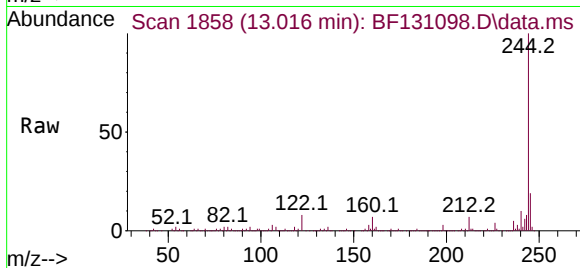
Tgt Ion:240 Resp: 258689
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 25.0 19.7 29.5



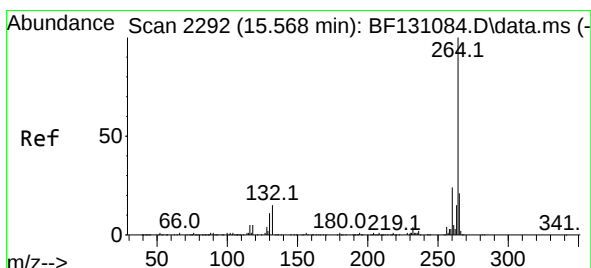
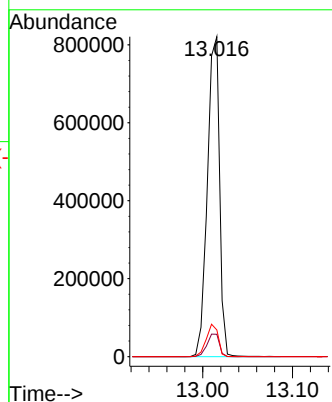
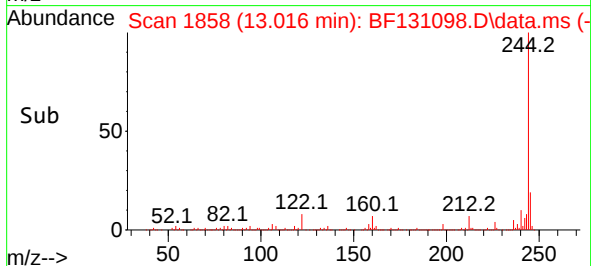


#79
 Terphenyl-d14
 Concen: 52.444 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131098.D
 Acq: 09 Nov 2022 21:05

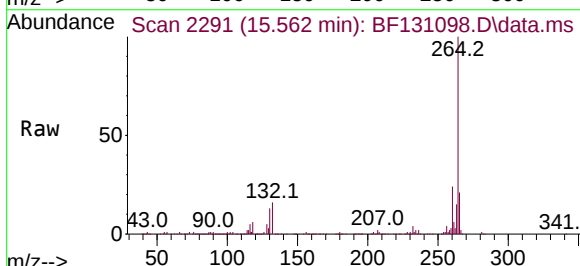
Instrument :
 BNA_F
 ClientSampleId :
 506D-4



Tgt Ion:244 Resp: 773763
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF131098.D
 Acq: 09 Nov 2022 21:05



Tgt Ion:264 Resp: 189182
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.4 16.7 25.1

