

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130301.D
 Acq On : 16 Sep 2022 20:58
 Operator : CG\JU
 Sample : N4628-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-8

Quant Time: Sep 17 03:30:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

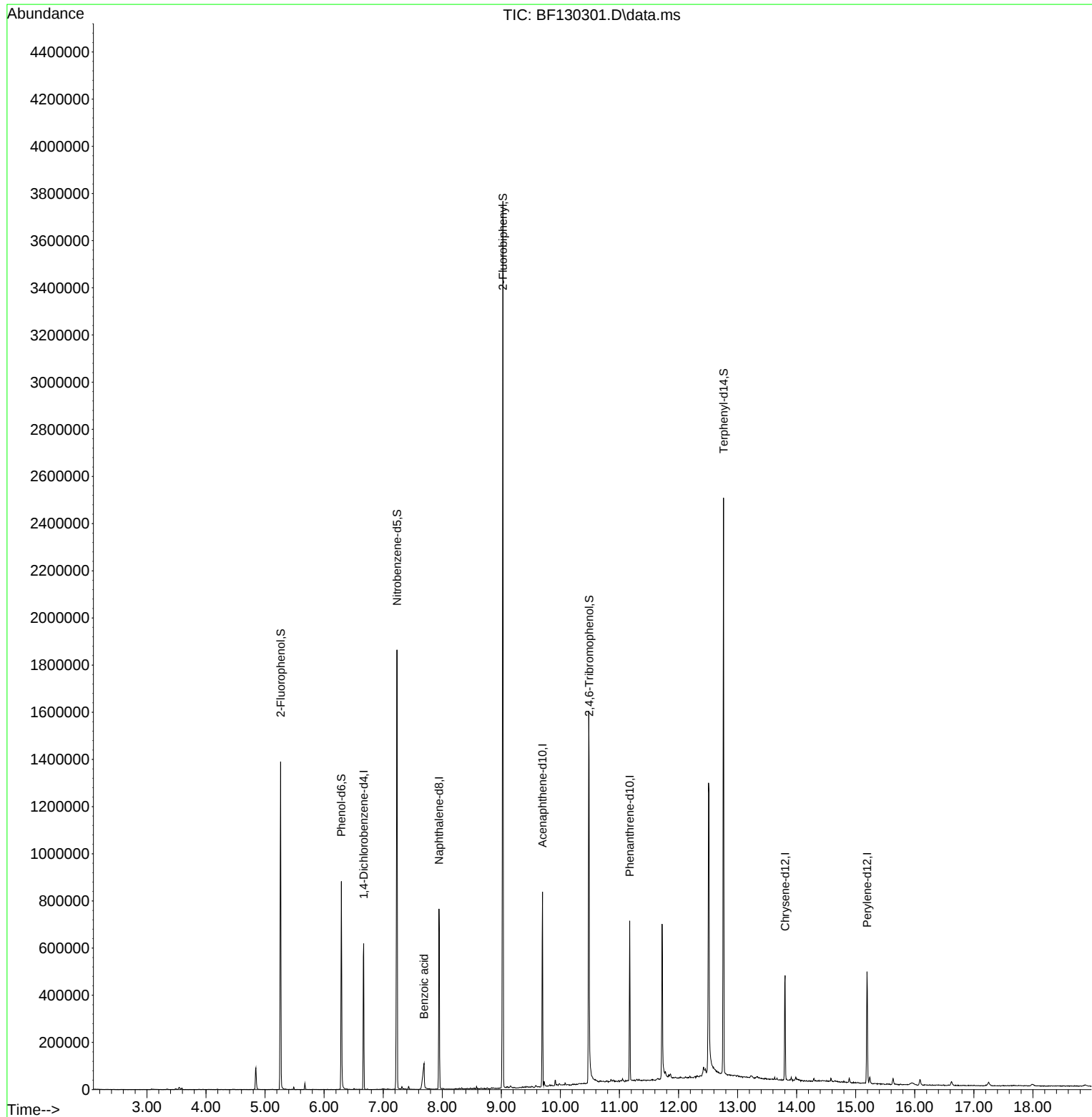
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	86550	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	327362	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	151787	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	206338	20.000	ng	0.00
76) Chrysene-d12	13.804	240	146767	20.000	ng	0.00
86) Perylene-d12	15.192	264	185977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	344066	68.951	ng	0.00
7) Phenol-d6	6.292	99	260647	41.746	ng	-0.01
23) Nitrobenzene-d5	7.234	82	605282	94.461	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	210883	144.996	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1029509	98.767	ng	0.00
79) Terphenyl-d14	12.763	244	706443	79.733	ng	0.00
Target Compounds						
32) Benzoic acid	7.692	122	40390	12.718	ng	Qvalue 97

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

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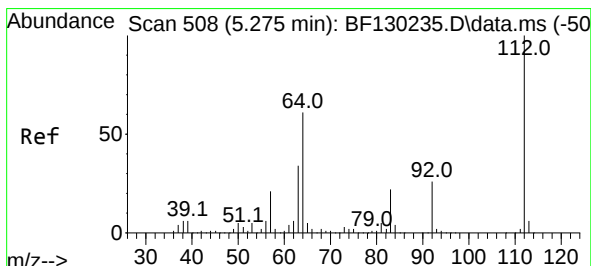
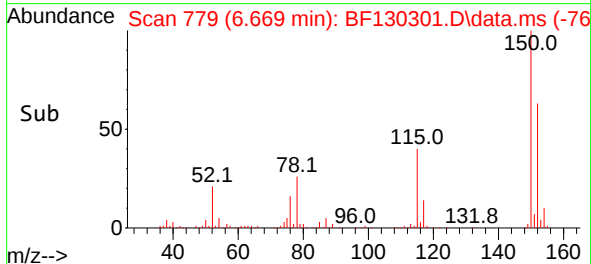
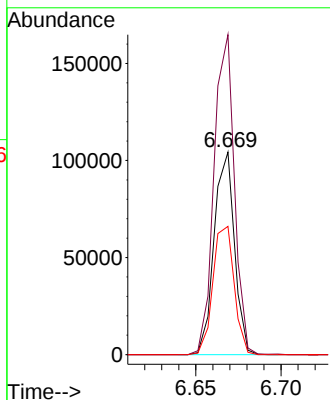
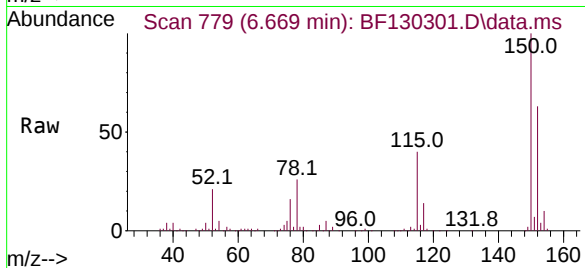




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

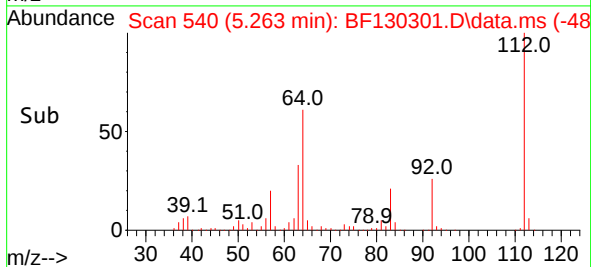
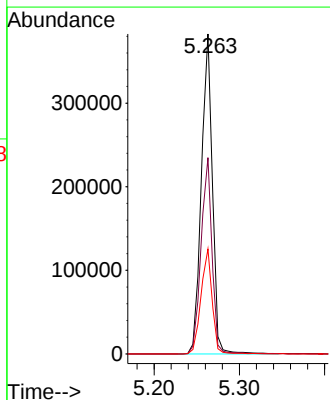
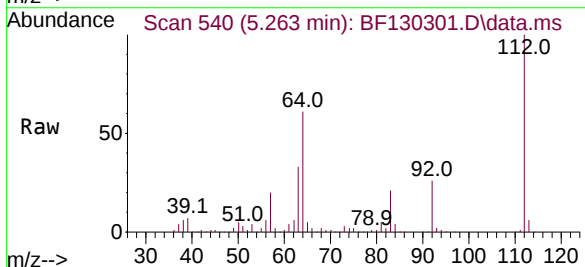
Instrument :
BNA_F
ClientSampleId :
HW-8

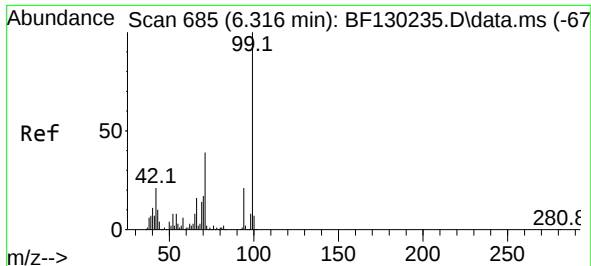
Tgt Ion:152 Resp: 86550
Ion Ratio Lower Upper
152 100
150 158.0 122.8 184.2
115 63.3 53.8 80.8



#5
2-Fluorophenol
Concen: 68.951 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion:112 Resp: 344066
Ion Ratio Lower Upper
112 100
64 61.3 51.4 77.0
63 32.8 28.8 43.2

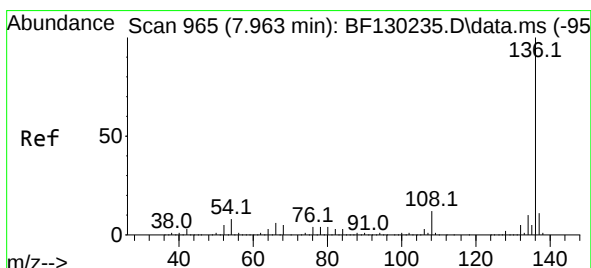
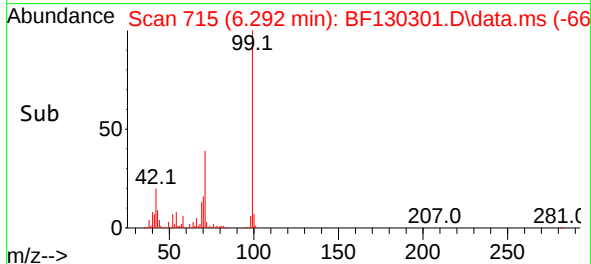
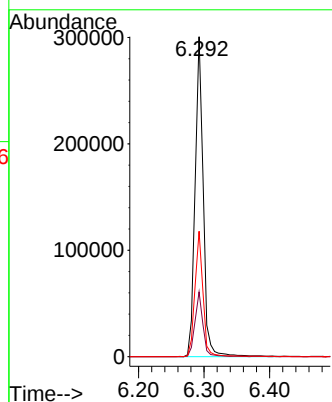
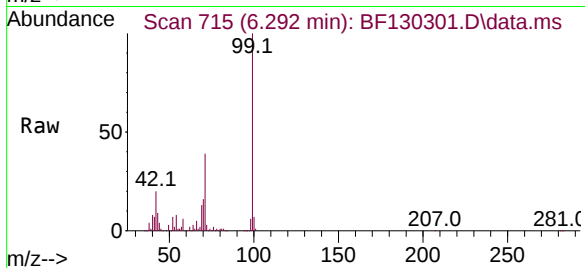




#7
Phenol-d6
Concen: 41.746 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

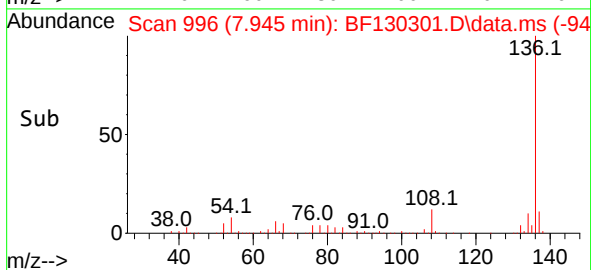
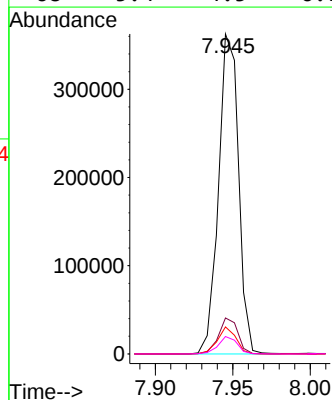
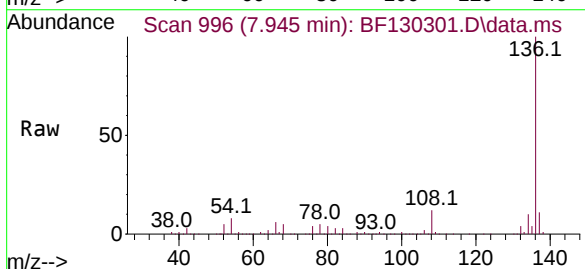
Instrument :
BNA_F
ClientSampleId :
HW-8

Tgt Ion: 99 Resp: 260647
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion: 136 Resp: 327362
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.4 7.1 10.7
68 5.4 4.5 6.7

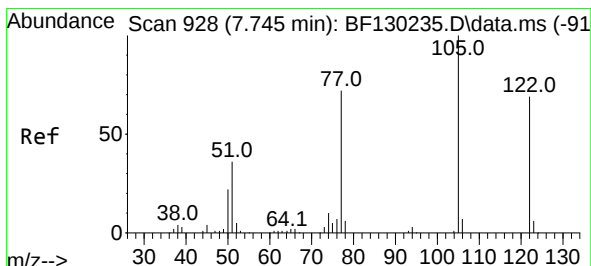
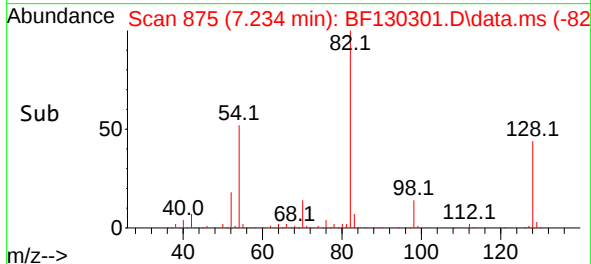
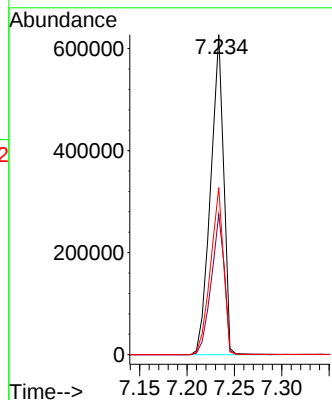
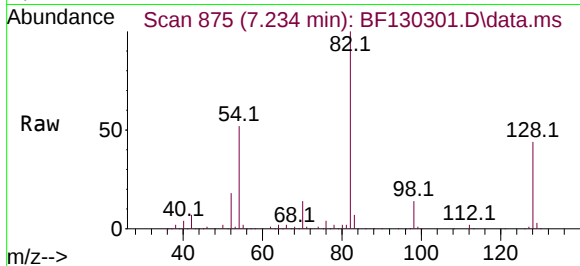




#23
Nitrobenzene-d5
Concen: 94.461 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

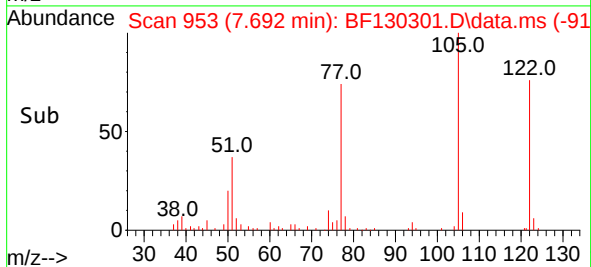
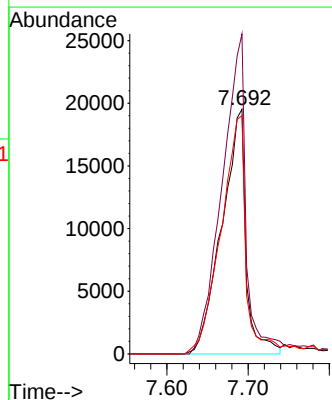
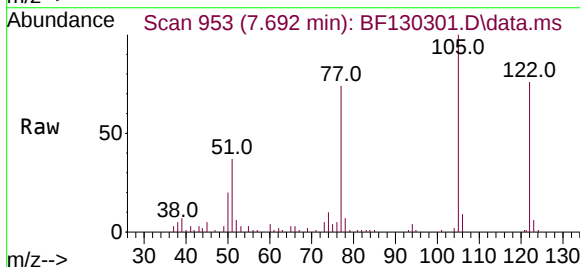
Instrument :
BNA_F
ClientSampleId :
HW-8

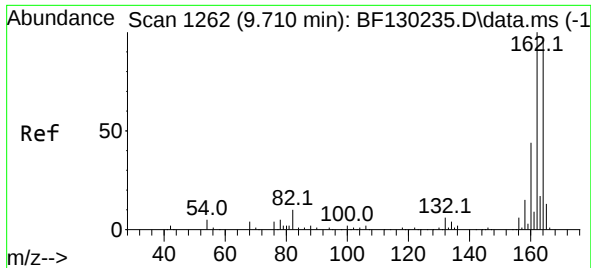
Tgt Ion: 82 Resp: 605282
Ion Ratio Lower Upper
82 100
128 43.9 32.6 49.0
54 52.2 43.8 65.6



#32
Benzoic acid
Concen: 12.718 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.047 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion: 122 Resp: 40390
Ion Ratio Lower Upper
122 100
105 130.9 112.9 152.9
77 97.4 82.8 122.8

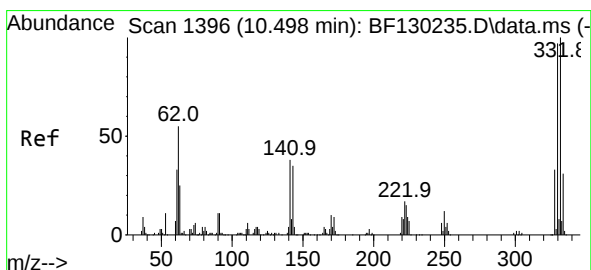
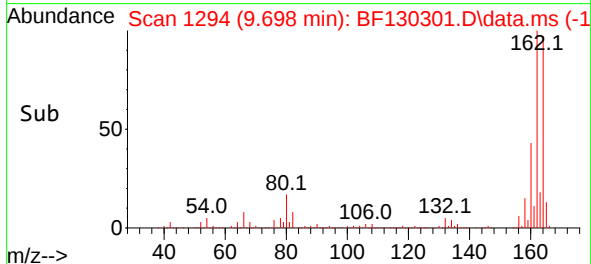
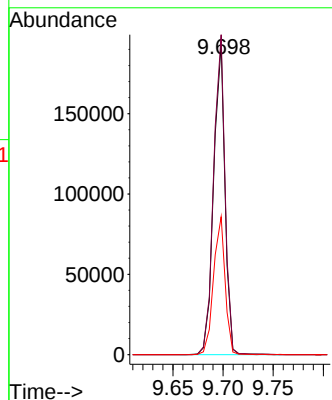
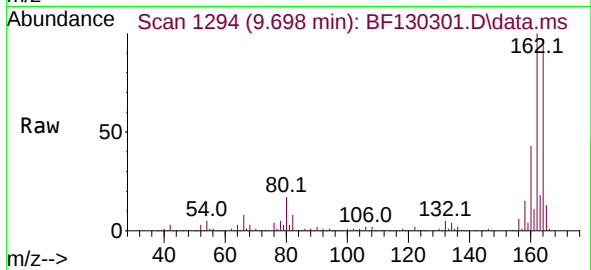




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

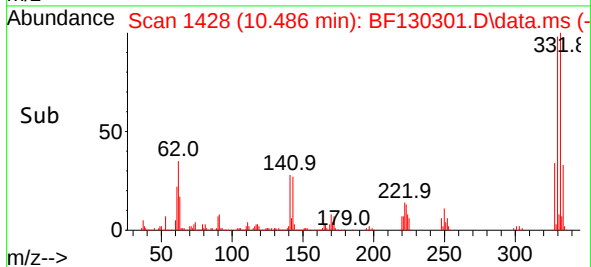
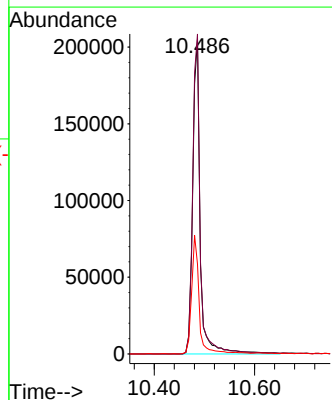
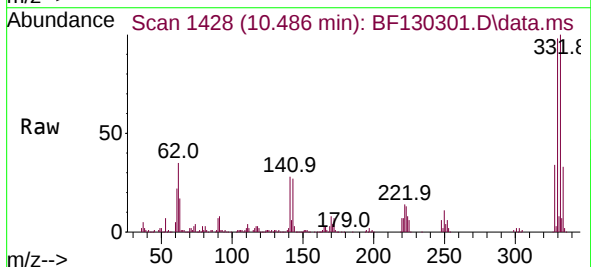
Instrument :
BNA_F
ClientSampleId :
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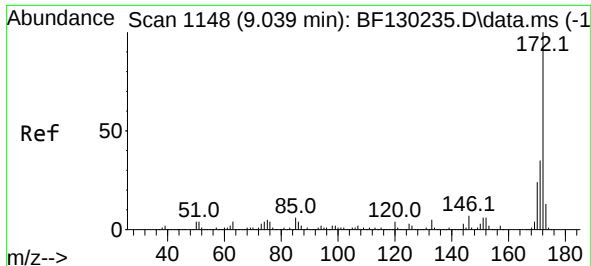
Tgt Ion:164 Resp: 151787
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 144.996 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion:330 Resp: 210883
Ion Ratio Lower Upper
330 100
332 102.0 83.4 125.2
141 38.2 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 98.767 ng

RT: 9.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

Instrument :

BNA_F

ClientSampleId :

HW-8

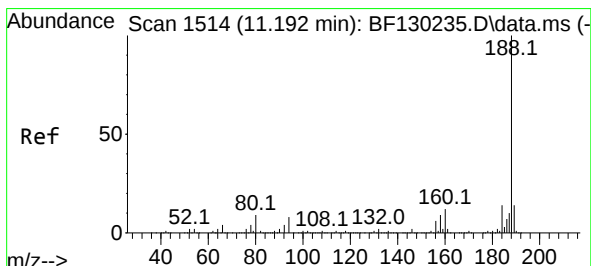
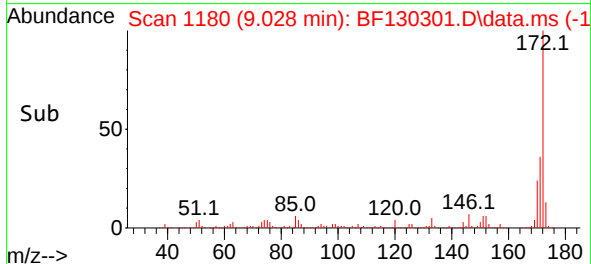
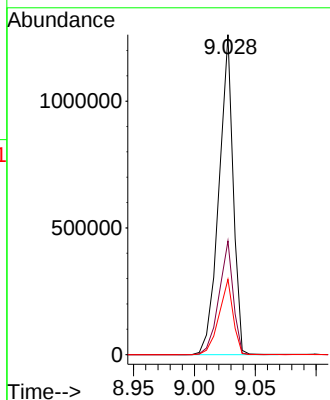
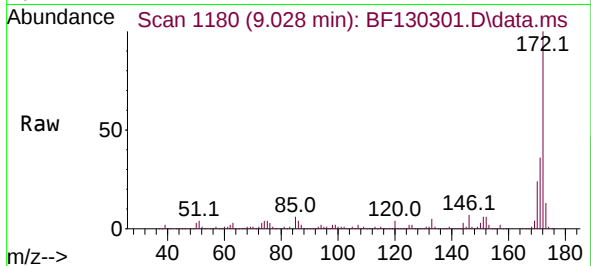
Tgt Ion:172 Resp: 1029509

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

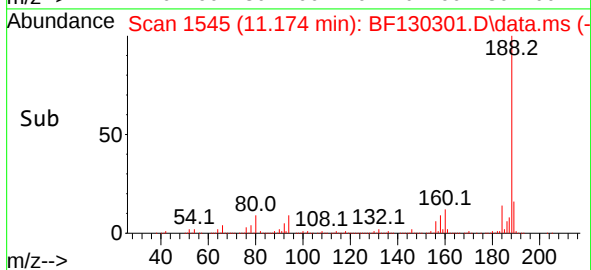
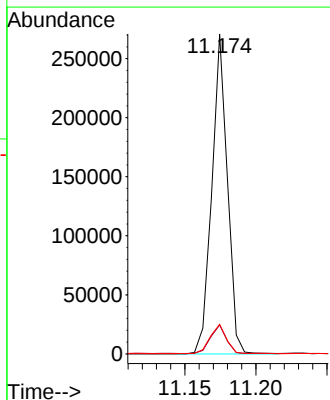
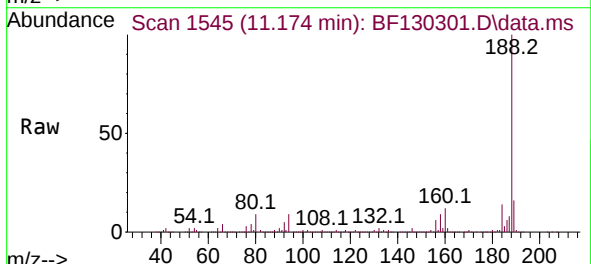
Tgt Ion:188 Resp: 206338

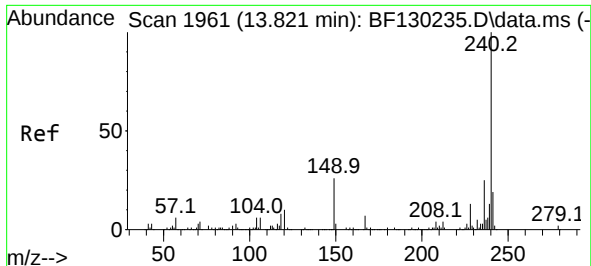
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.2 7.9 11.9

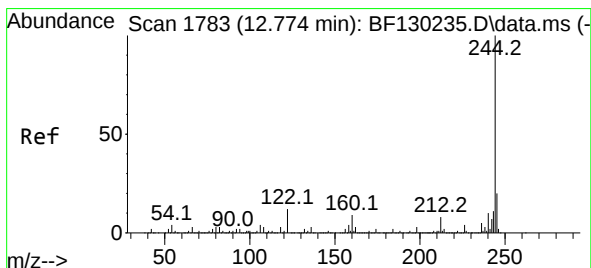
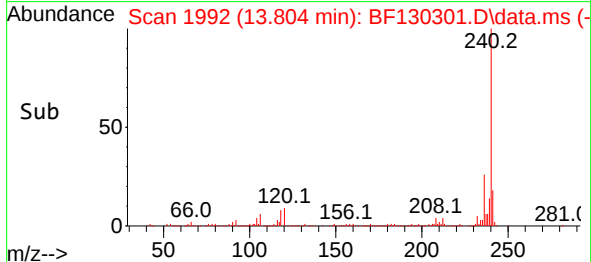
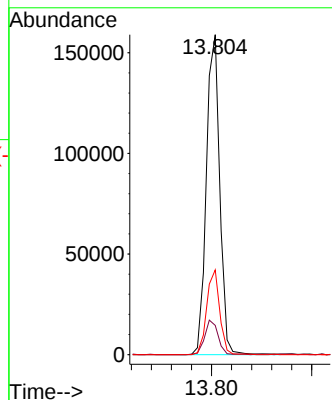
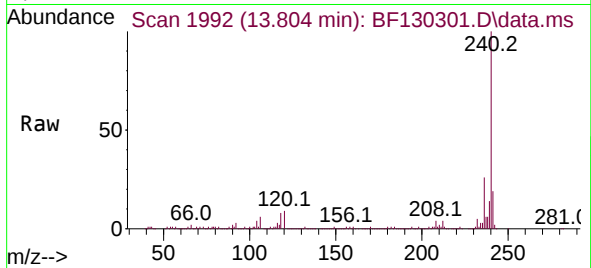




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

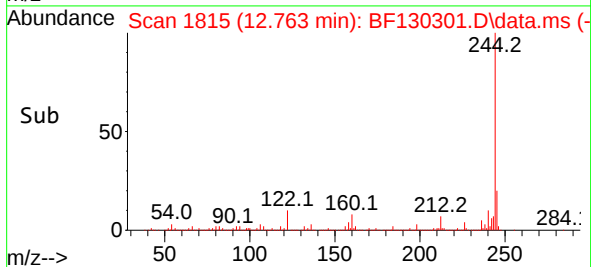
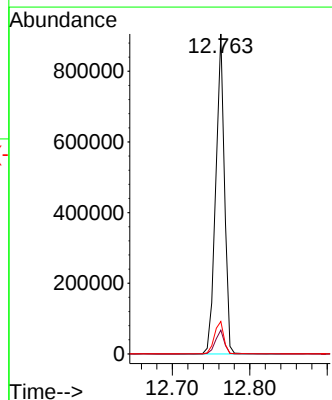
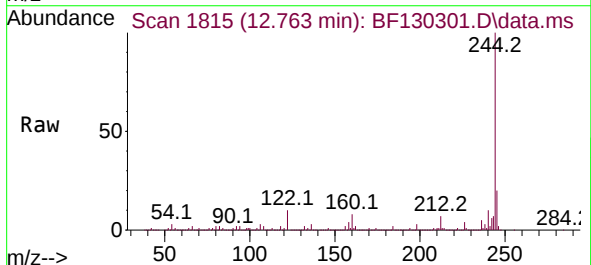
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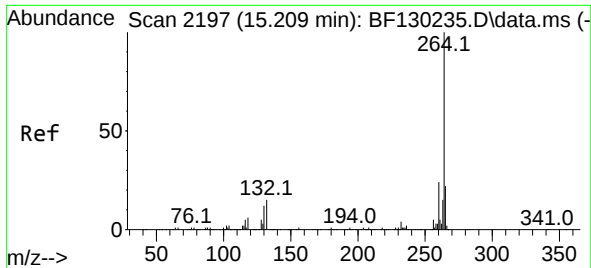
Tgt Ion:240 Resp: 146767
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 26.5 20.9 31.3



#79
Terphenyl-d14
Concen: 79.733 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

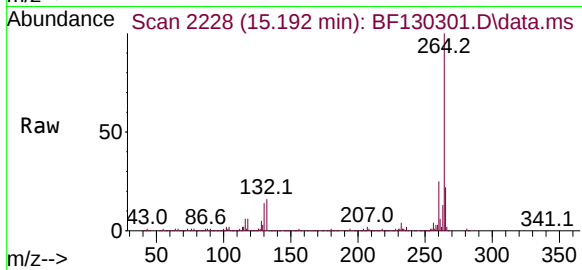
Tgt Ion:244 Resp: 706443
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 10.1 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130301.D
 Acq: 16 Sep 2022 20:58

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 185977
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.6 17.0 25.4

