

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131019.D
 Acq On : 05 Nov 2022 14:50
 Operator : CG\JU
 Sample : N5340-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-102722RE

Quant Time: Nov 07 00:48:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	70223	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	276200	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	124404	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	225347	20.000	ng	0.00
76) Chrysene-d12	14.086	240	140474	20.000	ng	0.00
86) Perylene-d12	15.586	264	122637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	22959	5.668	ng	0.00
7) Phenol-d6	6.522	99	137378	26.098	ng	0.00
23) Nitrobenzene-d5	7.469	82	503955	110.021	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	8710	8.317	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	866798	105.342	ng	0.00
79) Terphenyl-d14	13.033	244	785967	102.528	ng	0.00

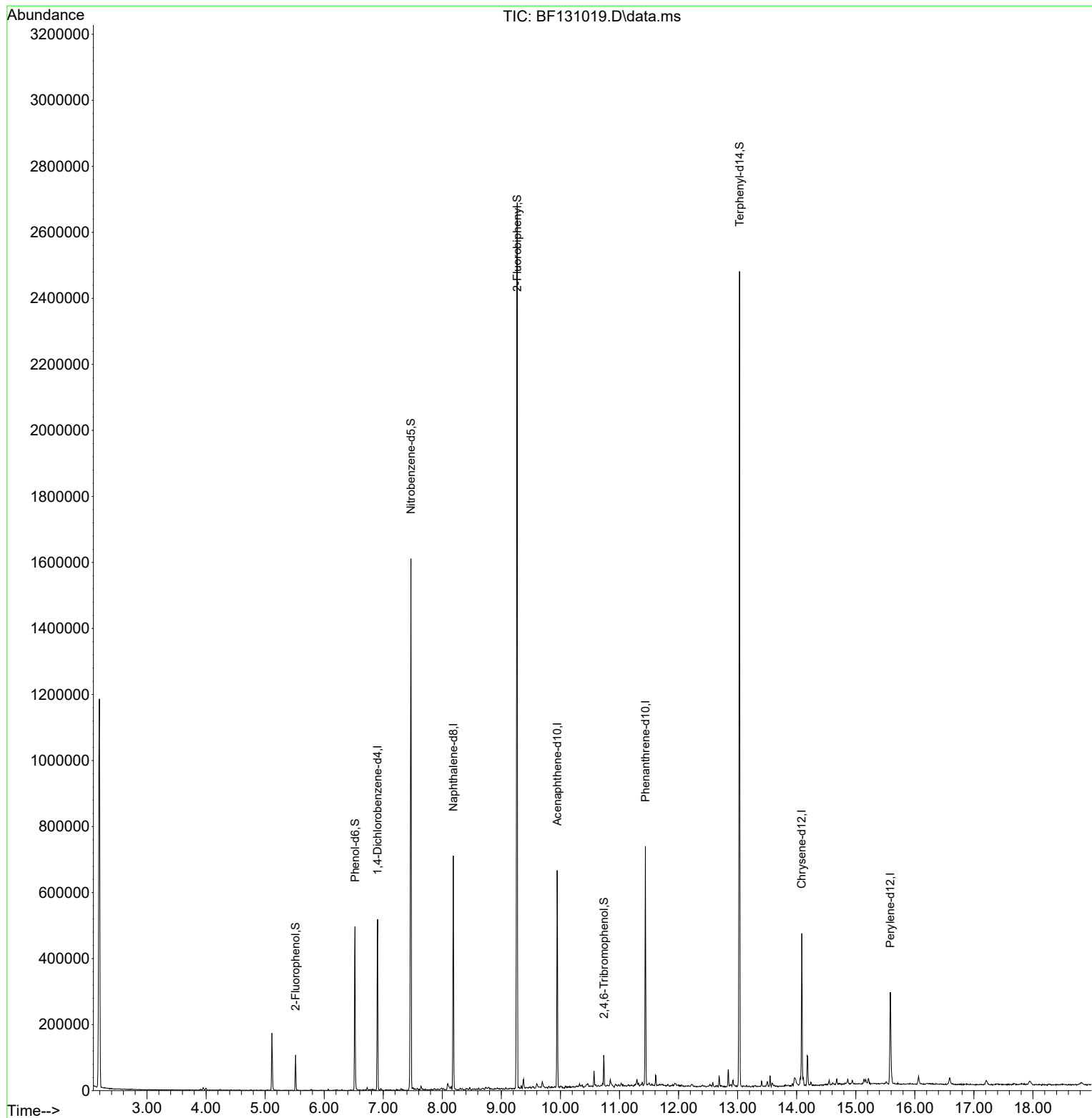
Target Compounds	Qvalue

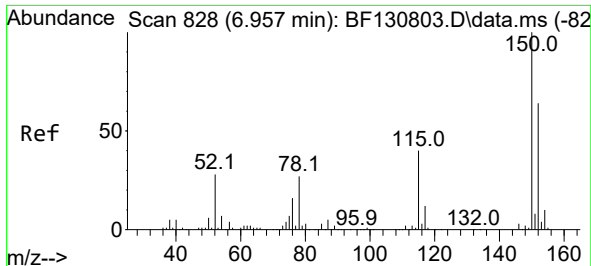
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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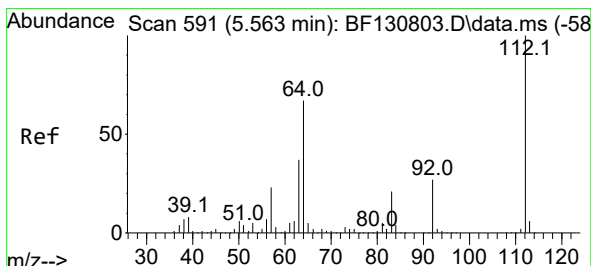
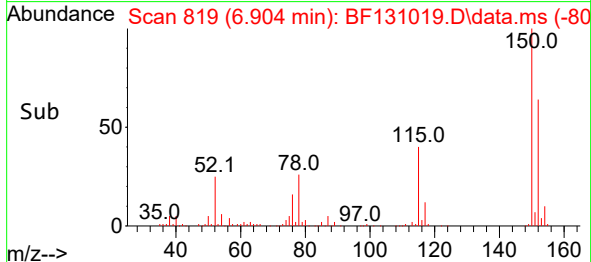
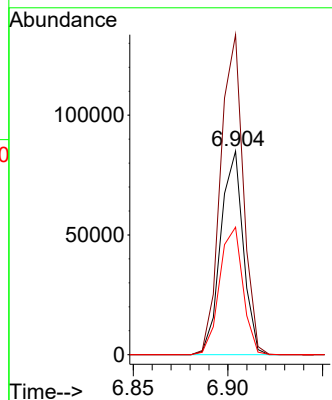
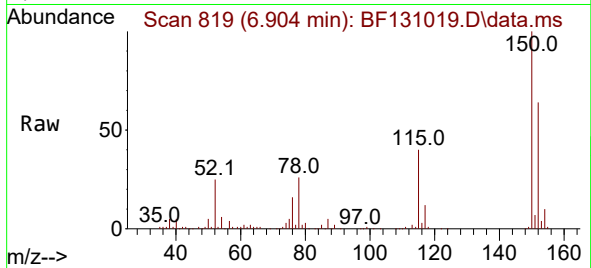




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

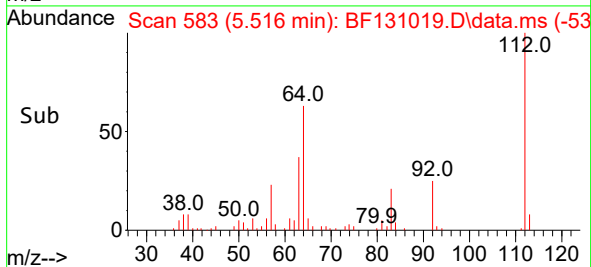
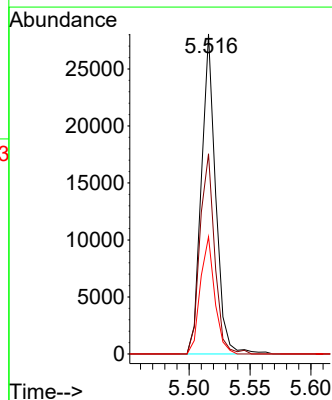
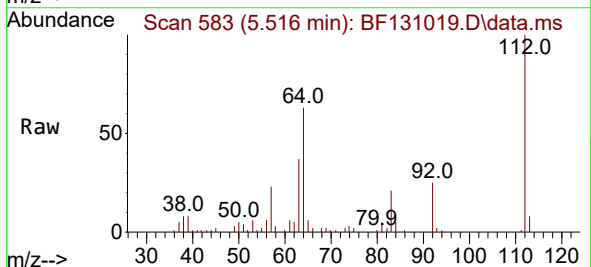
Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

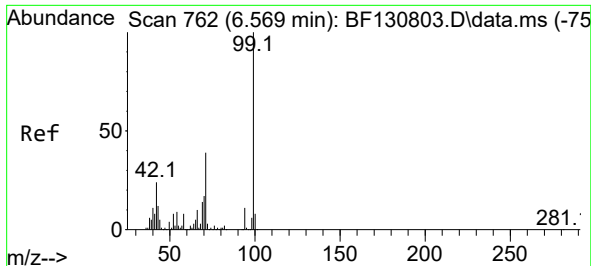
Tgt Ion:152 Resp: 70223
Ion Ratio Lower Upper
152 100
150 157.3 124.1 186.1
115 62.7 50.1 75.1



#5
2-Fluorophenol
Concen: 5.668 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.000 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:112 Resp: 22959
Ion Ratio Lower Upper
112 100
64 62.6 53.9 80.9
63 36.6 29.4 44.2

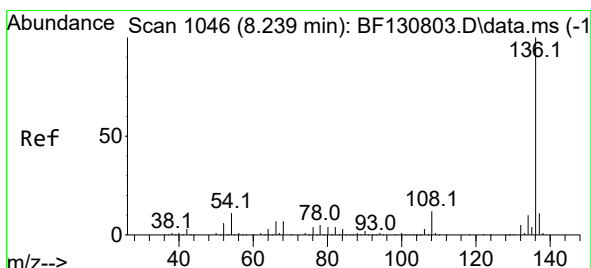
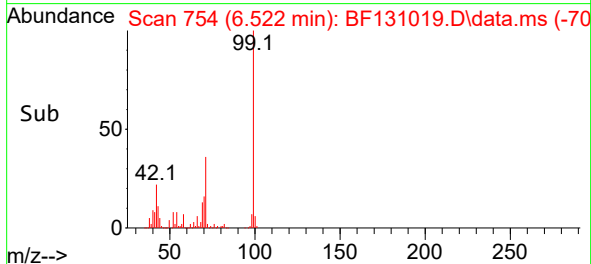
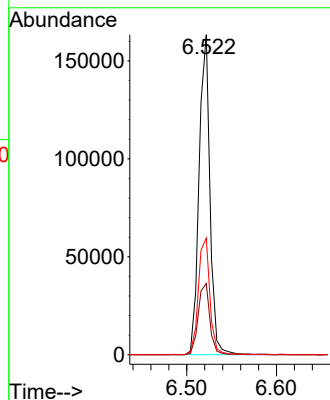
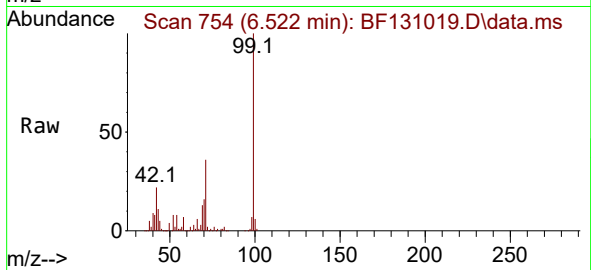




#7
Phenol-d6
Concen: 26.098 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

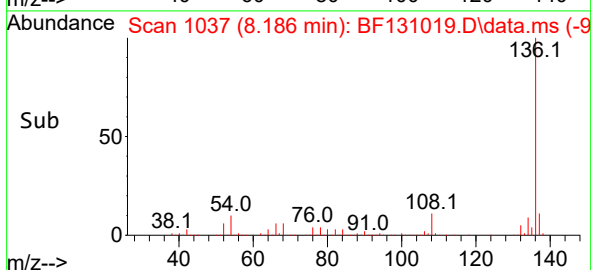
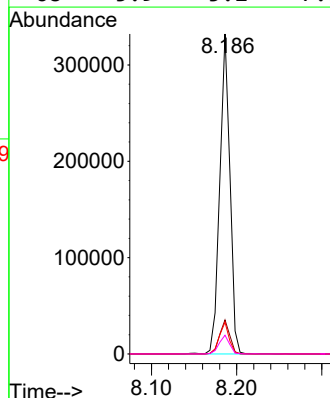
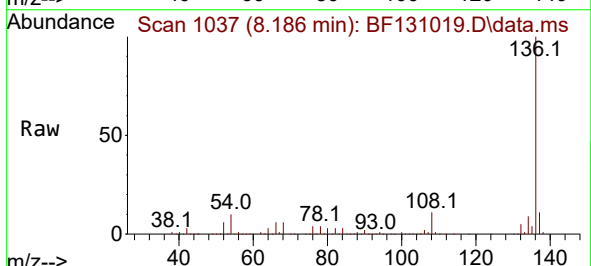
Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

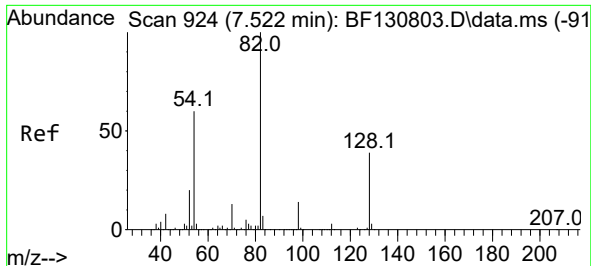
Tgt Ion: 99 Resp: 137378
Ion Ratio Lower Upper
99 100
42 22.3 18.8 28.2
71 36.4 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion: 136 Resp: 276200
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.9 8.8 13.2
68 5.9 5.2 7.8

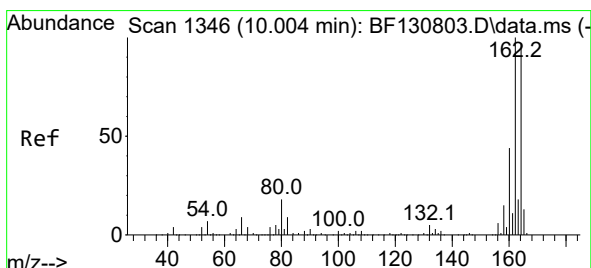
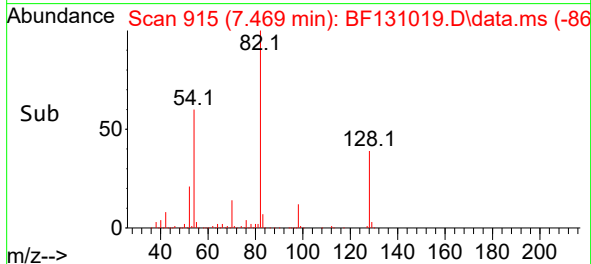
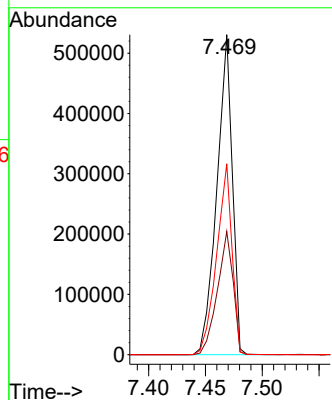
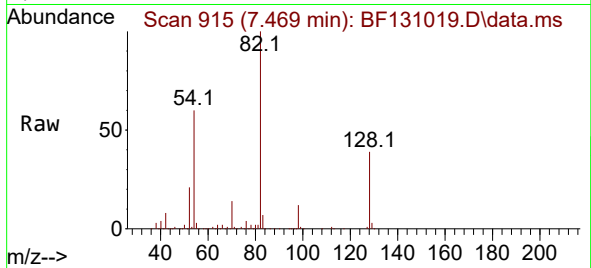




#23
Nitrobenzene-d5
Concen: 110.021 ng
RT: 7.469 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

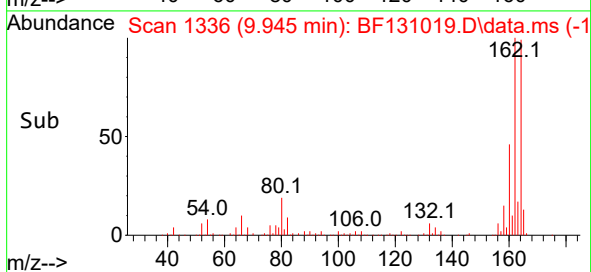
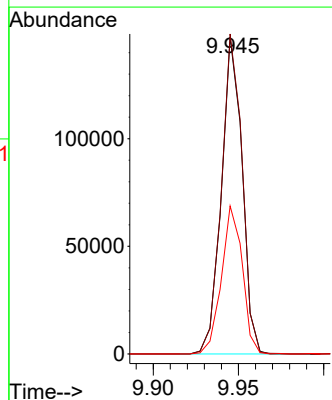
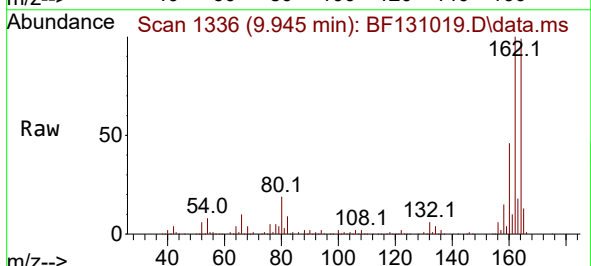
Instrument :
BNA_F
ClientSampleId :
MW-9-102722RE

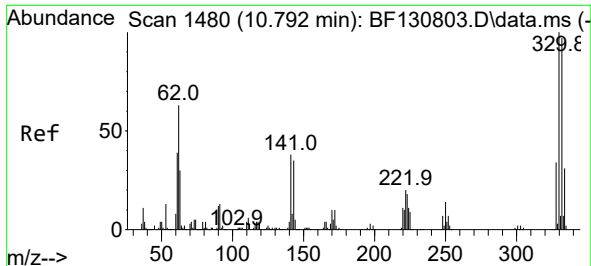
Tgt Ion: 82 Resp: 503955
Ion Ratio Lower Upper
82 100
128 38.5 31.2 46.8
54 59.7 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:164 Resp: 124404
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 8.317 ng

RT: 10.739 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131019.D

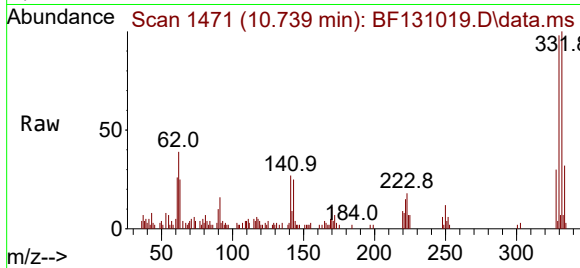
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Instrument :

BNA_F

ClientSampleId :

MW-9-102722RE



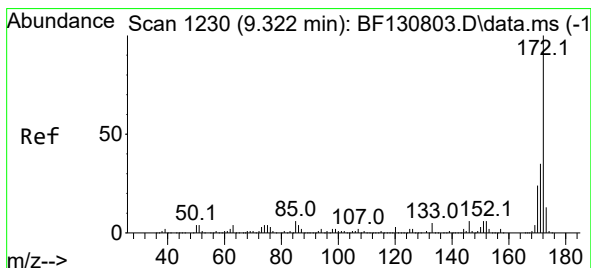
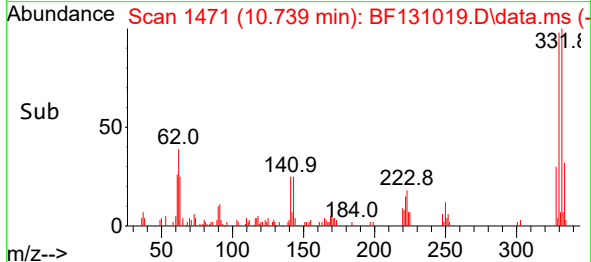
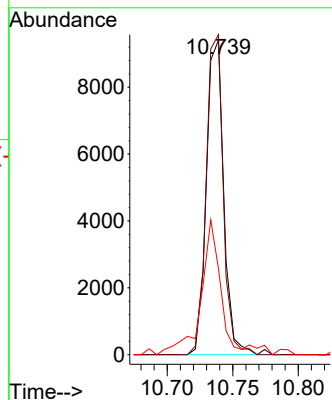
Tgt Ion:330 Resp: 8710

Ion Ratio Lower Upper

330 100

332 99.6 76.2 114.4

141 47.9 31.4 47.0#



#45

2-Fluorobiphenyl

Concen: 105.342 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BF131019.D

Acq: 05 Nov 2022 14:50

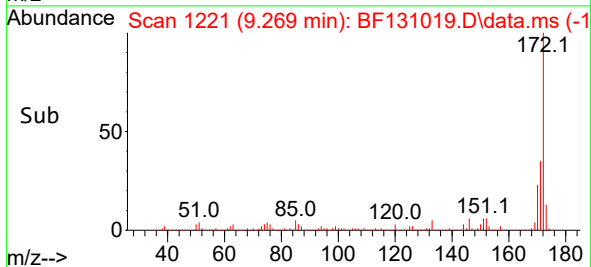
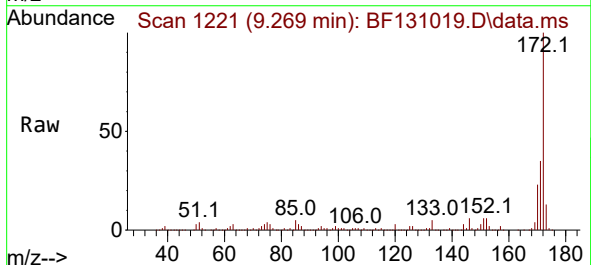
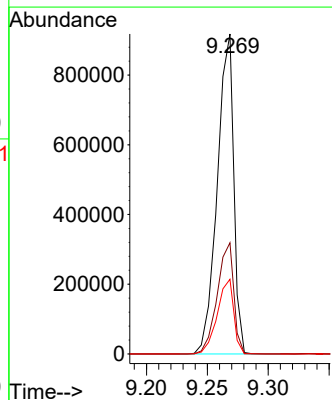
Tgt Ion:172 Resp: 866798

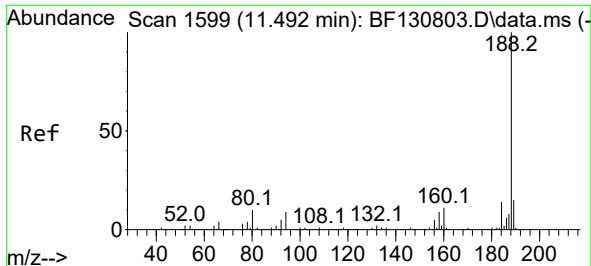
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.3 19.0 28.4

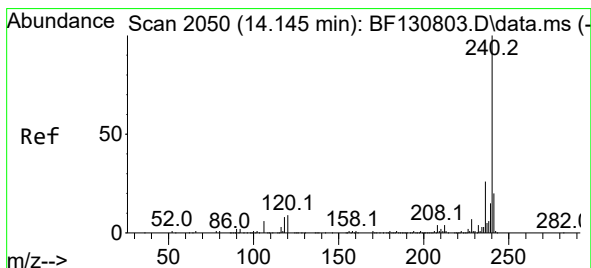
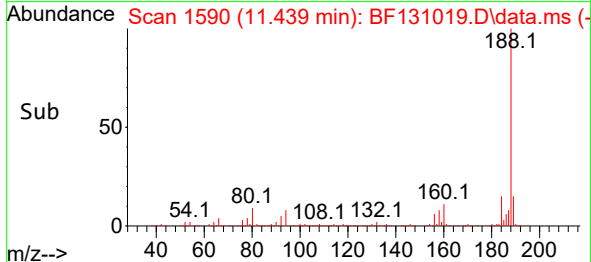
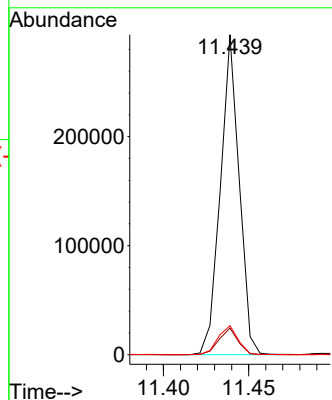
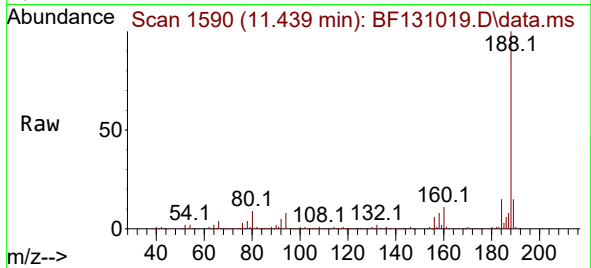




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

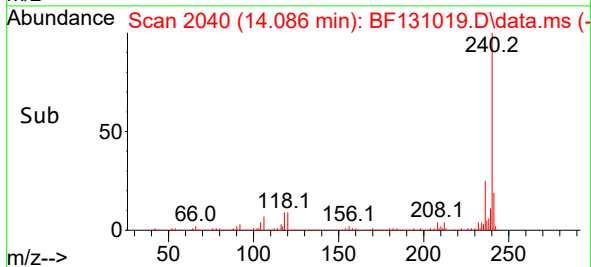
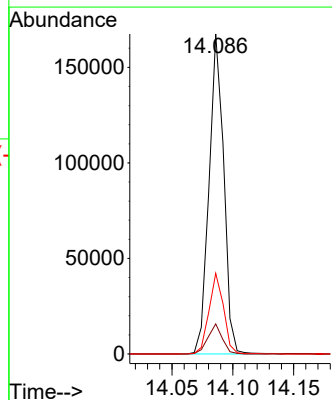
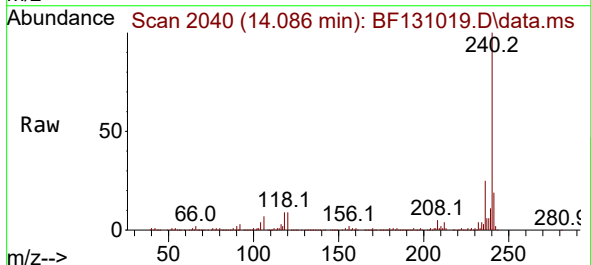
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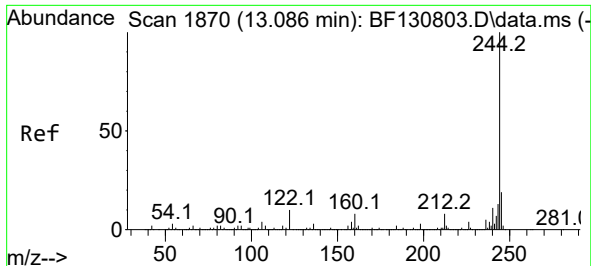
Tgt Ion:188 Resp: 225347
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131019.D
Acq: 05 Nov 2022 14:50

Tgt Ion:240 Resp: 140474
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.4
236 25.2 20.5 30.7

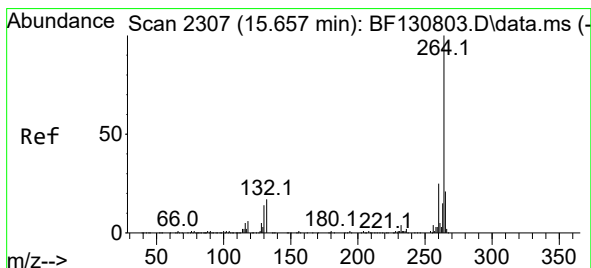
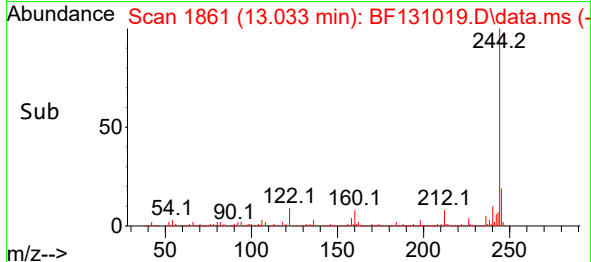
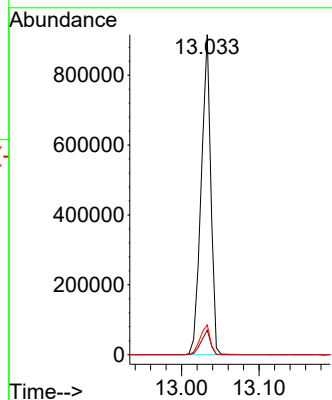
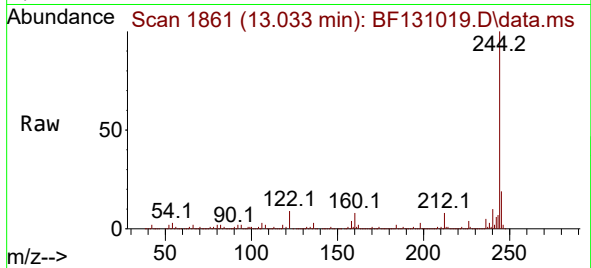




#79
 Terphenyl-d14
 Concen: 102.528 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131019.D
 Acq: 05 Nov 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-102722RE

Tgt Ion:244 Resp: 785967
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131019.D
 Acq: 05 Nov 2022 14:50

Tgt Ion:264 Resp: 122637
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 22.3 17.0 25.6

