

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131992.D
 Acq On : 10 Jan 2023 12:06
 Operator : CG\JU
 Sample : 01064-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-02

Quant Time: Jan 11 00:34:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	68224	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	250929	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	147695	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	299841	20.000	ng	0.00
76) Chrysene-d12	13.974	240	167992	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	157226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	512395	123.756	ng	0.01
7) Phenol-d6	6.428	99	672128	122.436	ng	0.00
23) Nitrobenzene-d5	7.357	82	472099	78.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	216755	127.640	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	808803	73.926	ng	0.00
79) Terphenyl-d14	12.921	244	976268	83.293	ng	0.00

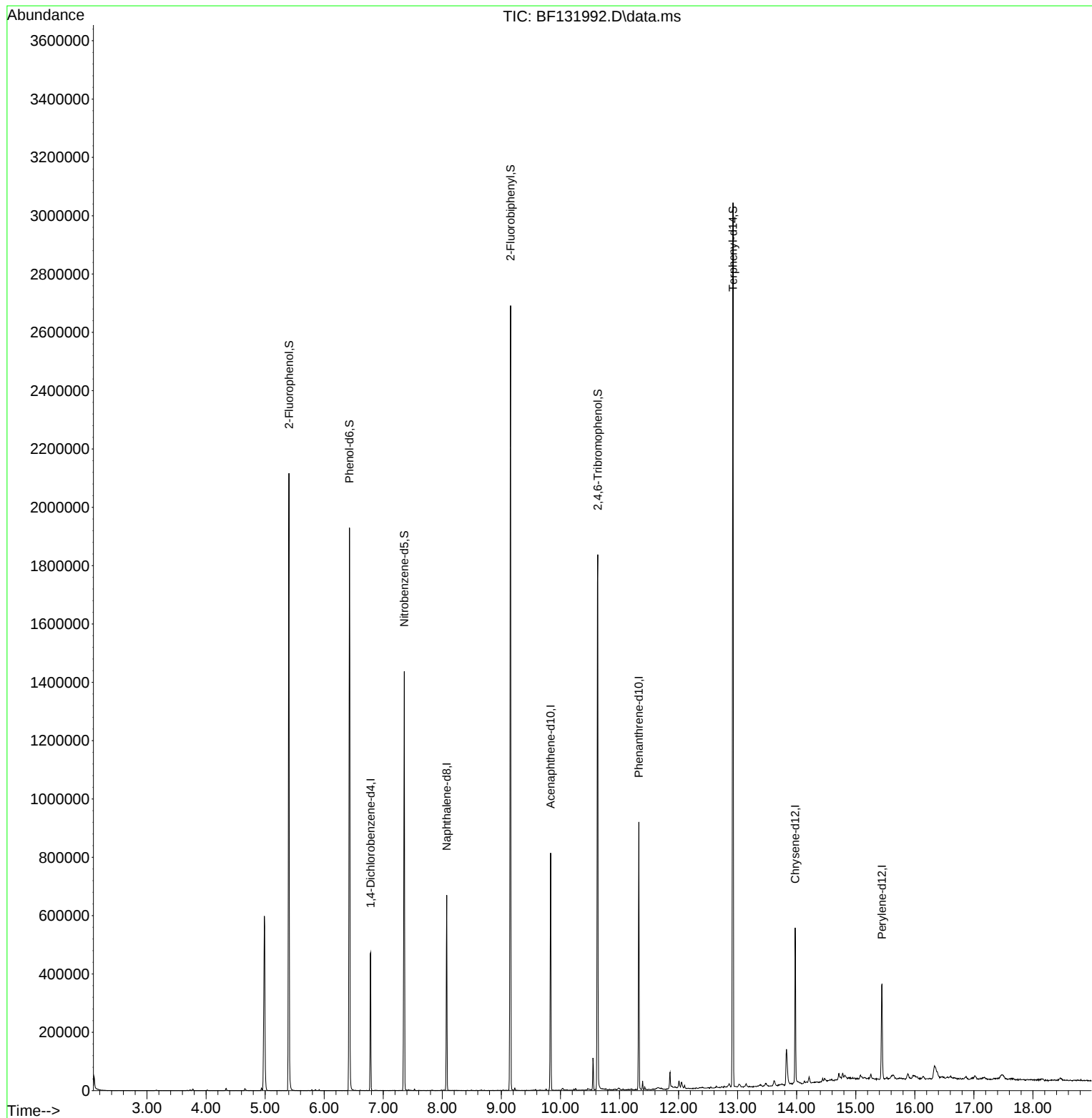
Target Compounds	Qvalue

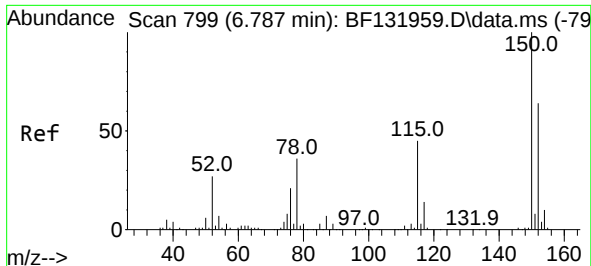
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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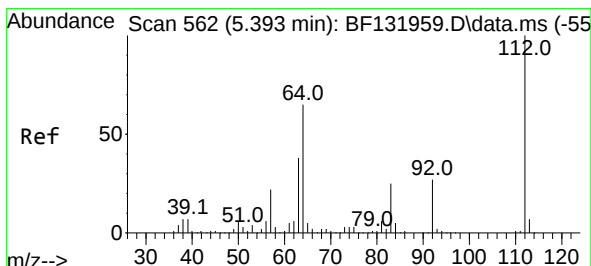
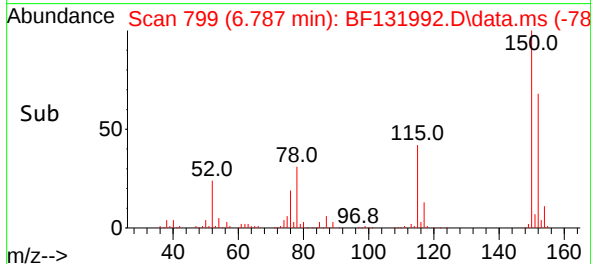
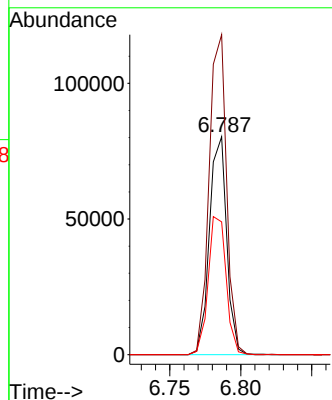
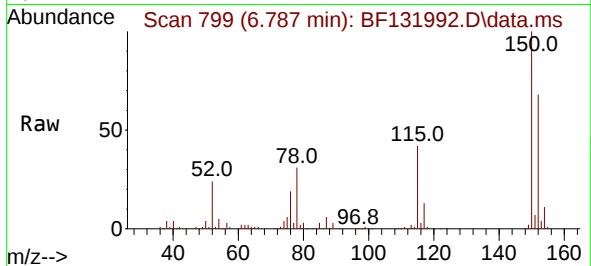




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

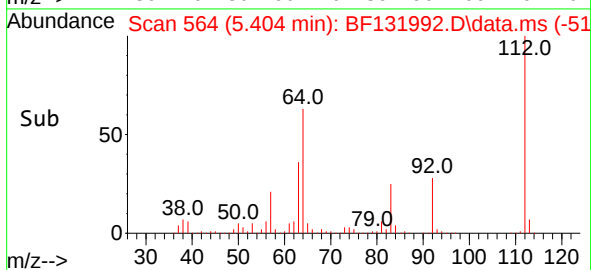
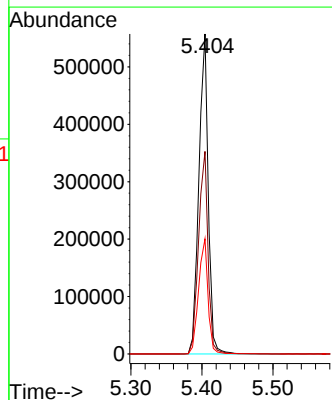
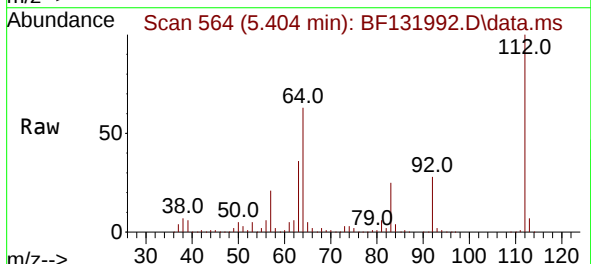
Instrument :
BNA_F
ClientSampleId :
S4-02

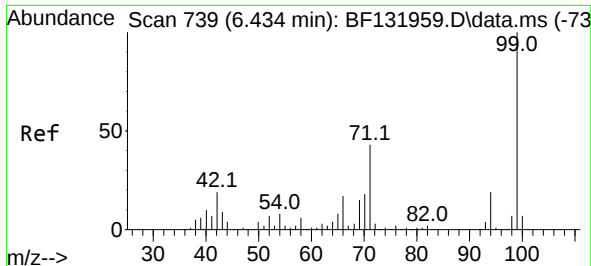
Tgt Ion:152 Resp: 68224
Ion Ratio Lower Upper
152 100
150 146.9 124.6 186.8
115 61.0 55.6 83.4



#5
2-Fluorophenol
Concen: 123.756 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion:112 Resp: 512395
Ion Ratio Lower Upper
112 100
64 63.3 51.9 77.9
63 36.0 30.2 45.2

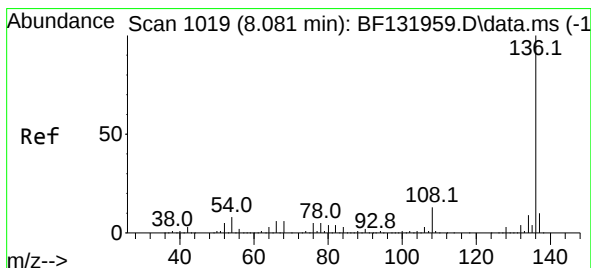
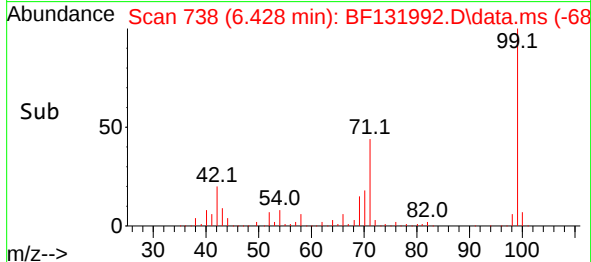
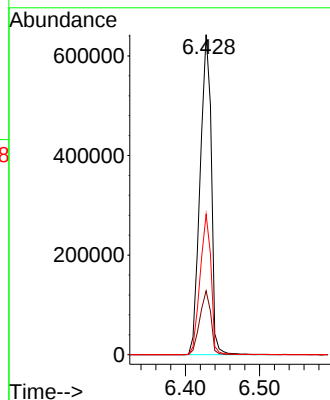
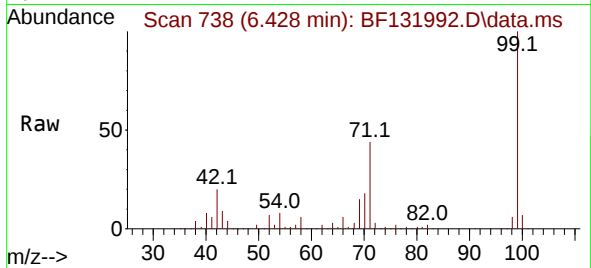




#7
Phenol-d6
Concen: 122.436 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

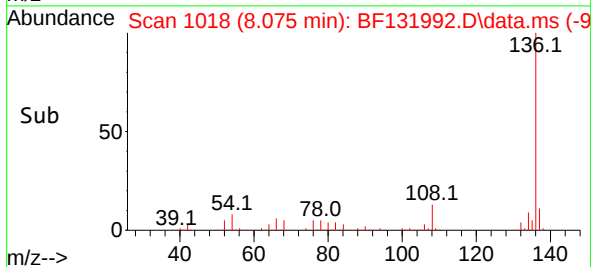
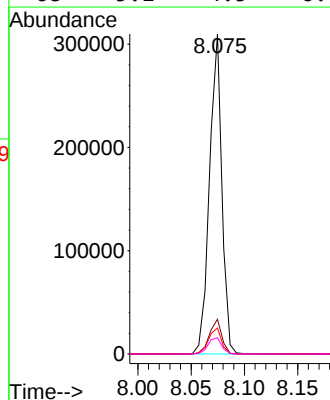
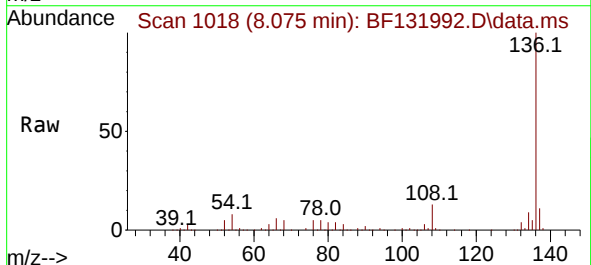
Instrument :
BNA_F
ClientSampleId :
S4-02

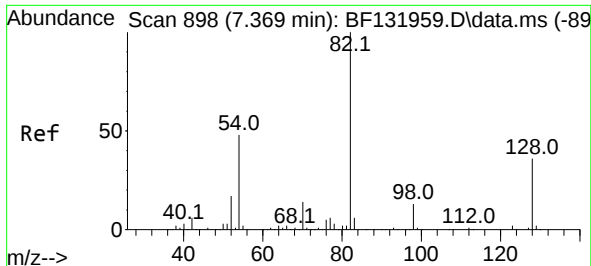
Tgt Ion: 99 Resp: 672128
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 43.9 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

Tgt Ion: 136 Resp: 250929
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.1 6.6 9.8
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 78.085 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131992.D

Acq: 10 Jan 2023 12:06

Instrument :

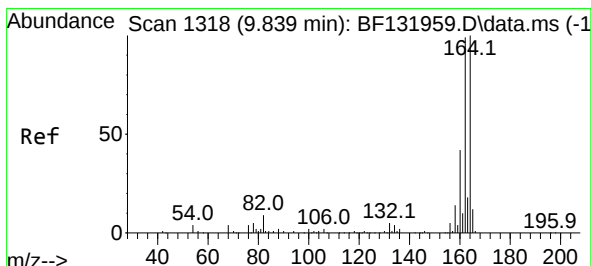
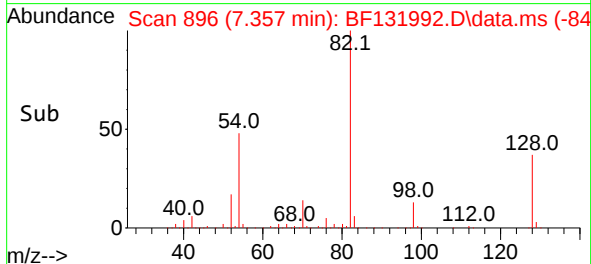
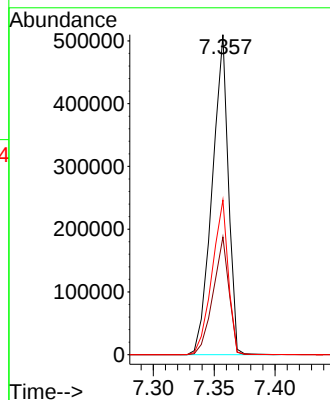
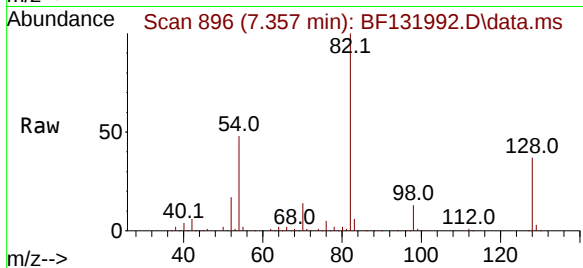
BNA_F

ClientSampleId :

S4-02

Tgt Ion: 82 Resp: 472099

Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.7	43.1
54	48.3	38.1	57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

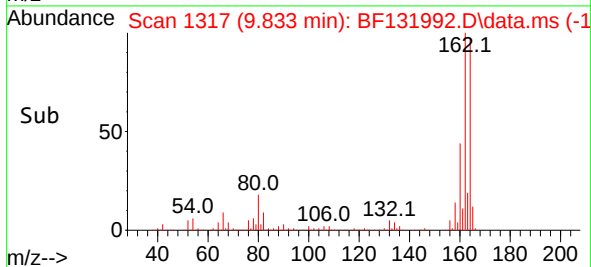
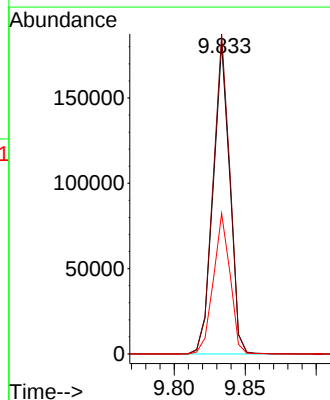
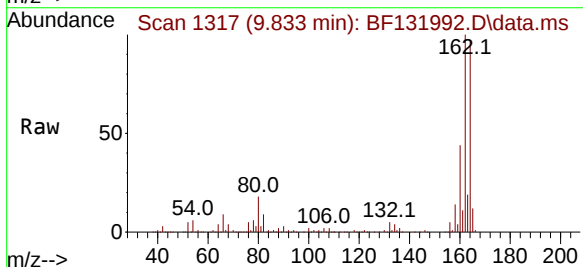
Delta R.T. -0.006 min

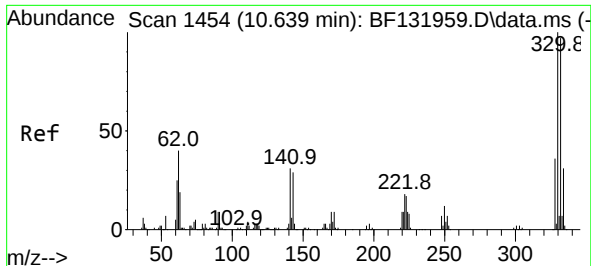
Lab File: BF131992.D

Acq: 10 Jan 2023 12:06

Tgt Ion:164 Resp: 147695

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.4	119.0
160	45.3	33.9	50.9

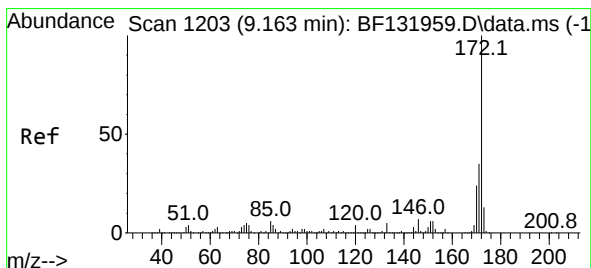
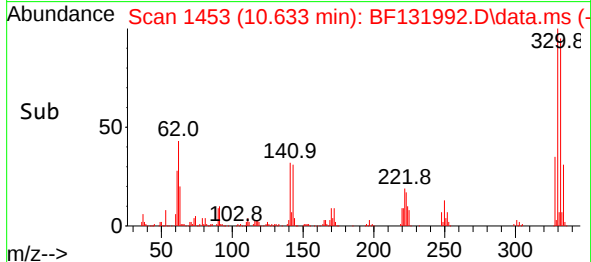
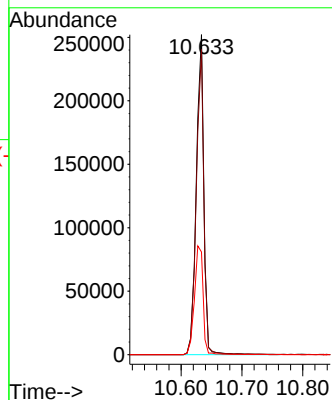
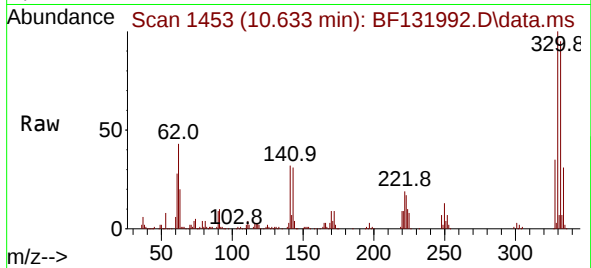




#42
 2,4,6-Tribromophenol
 Concen: 127.640 ng
 RT: 10.633 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06

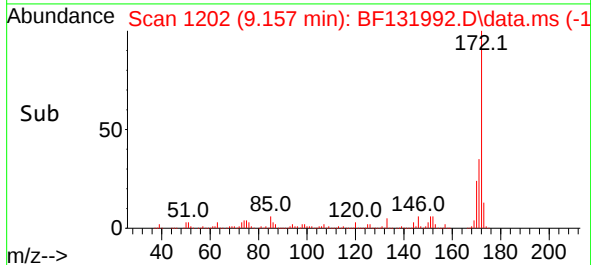
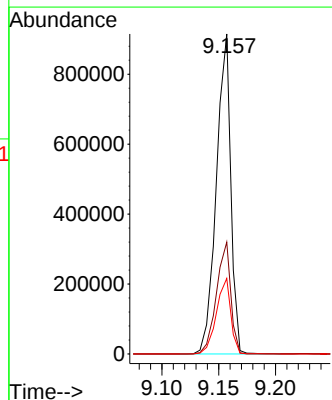
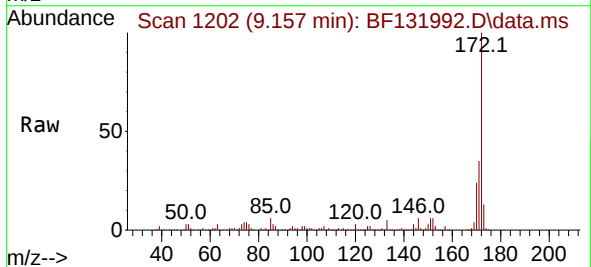
Instrument :
 BNA_F
 ClientSampleId :
 S4-02

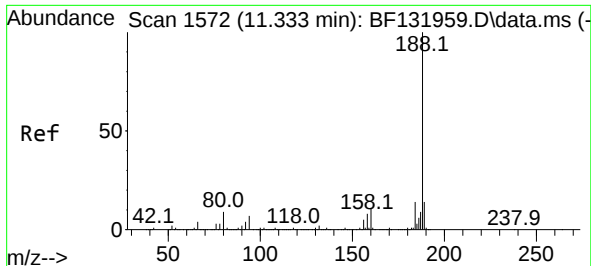
Tgt Ion: 330 Resp: 216755
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.9 115.3
 141 38.8 31.3 46.9



#45
 2-Fluorobiphenyl
 Concen: 73.926 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06

Tgt Ion: 172 Resp: 808803
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.0 42.0
 170 23.6 18.9 28.3

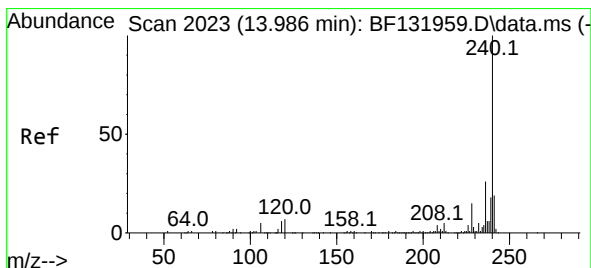
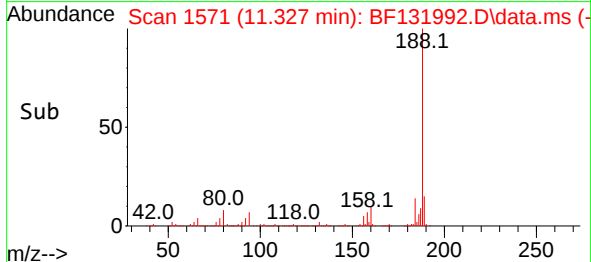
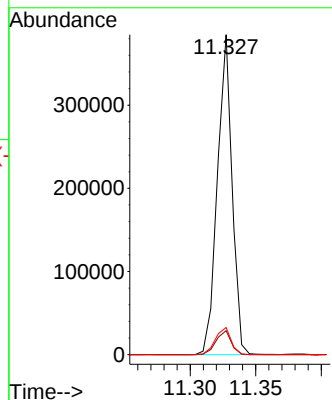
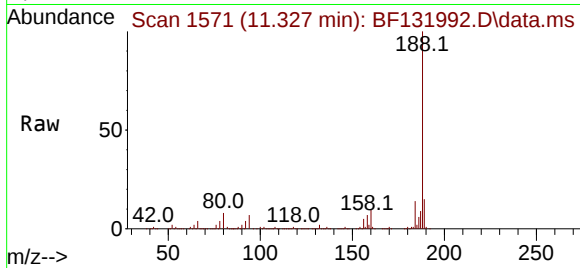




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

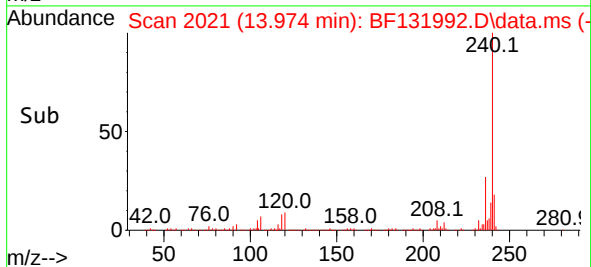
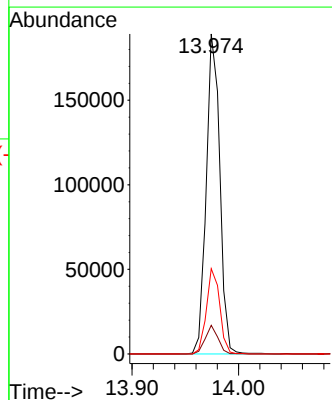
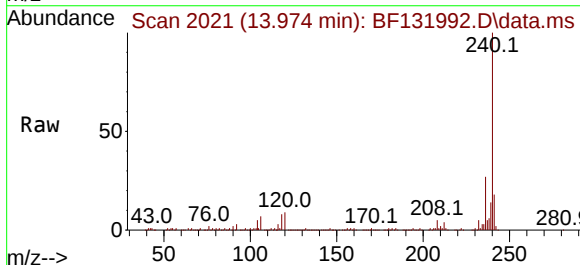
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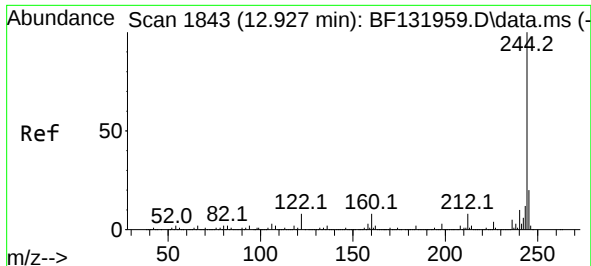
Tgt Ion:188 Resp: 299841
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF131992.D
Acq: 10 Jan 2023 12:06

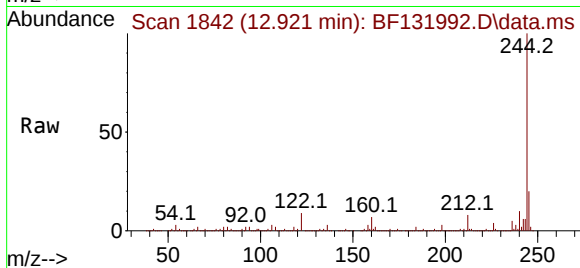
Tgt Ion:240 Resp: 167992
Ion Ratio Lower Upper
240 100
120 9.0 5.4 8.0#
236 26.6 21.1 31.7



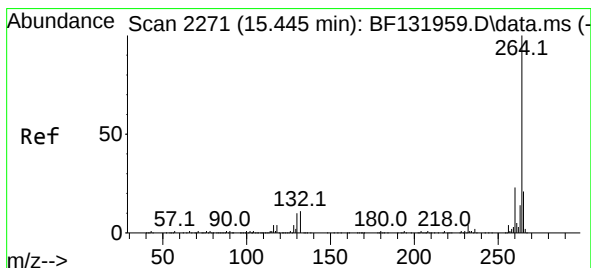
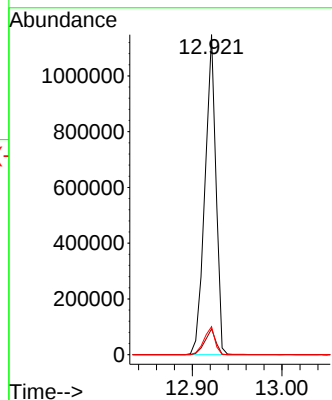
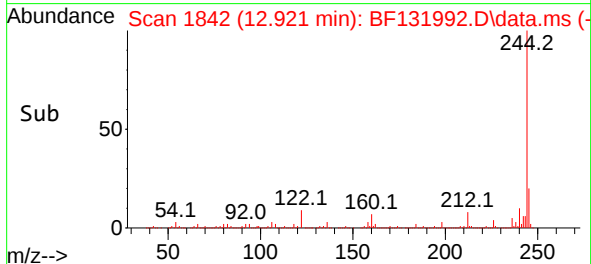


#79
 Terphenyl-d14
 Concen: 83.293 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06

Instrument :
 BNA_F
 ClientSampleId :
 S4-02



Tgt Ion:244 Resp: 976268
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF131992.D
 Acq: 10 Jan 2023 12:06

Tgt Ion:264 Resp: 157226
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 21.5 16.9 25.3

