

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132002.D
 Acq On : 10 Jan 2023 18:21
 Operator : CG\JU
 Sample : 01079-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-INFLUENT

Quant Time: Jan 11 00:38:09 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	6.781	152	70295	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	257701	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	148780	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	271688	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	138379	20.000	ng	-0.01
86) Perylene-d12	15.445	264	131890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	208002	48.758	ng	0.00
7) Phenol-d6	6.416	99	189571	33.515	ng	-0.02
23) Nitrobenzene-d5	7.357	82	617396	99.433	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	171305	100.141	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1090289	98.928	ng	0.00
79) Terphenyl-d14	12.921	244	1115869	115.577	ng	0.00

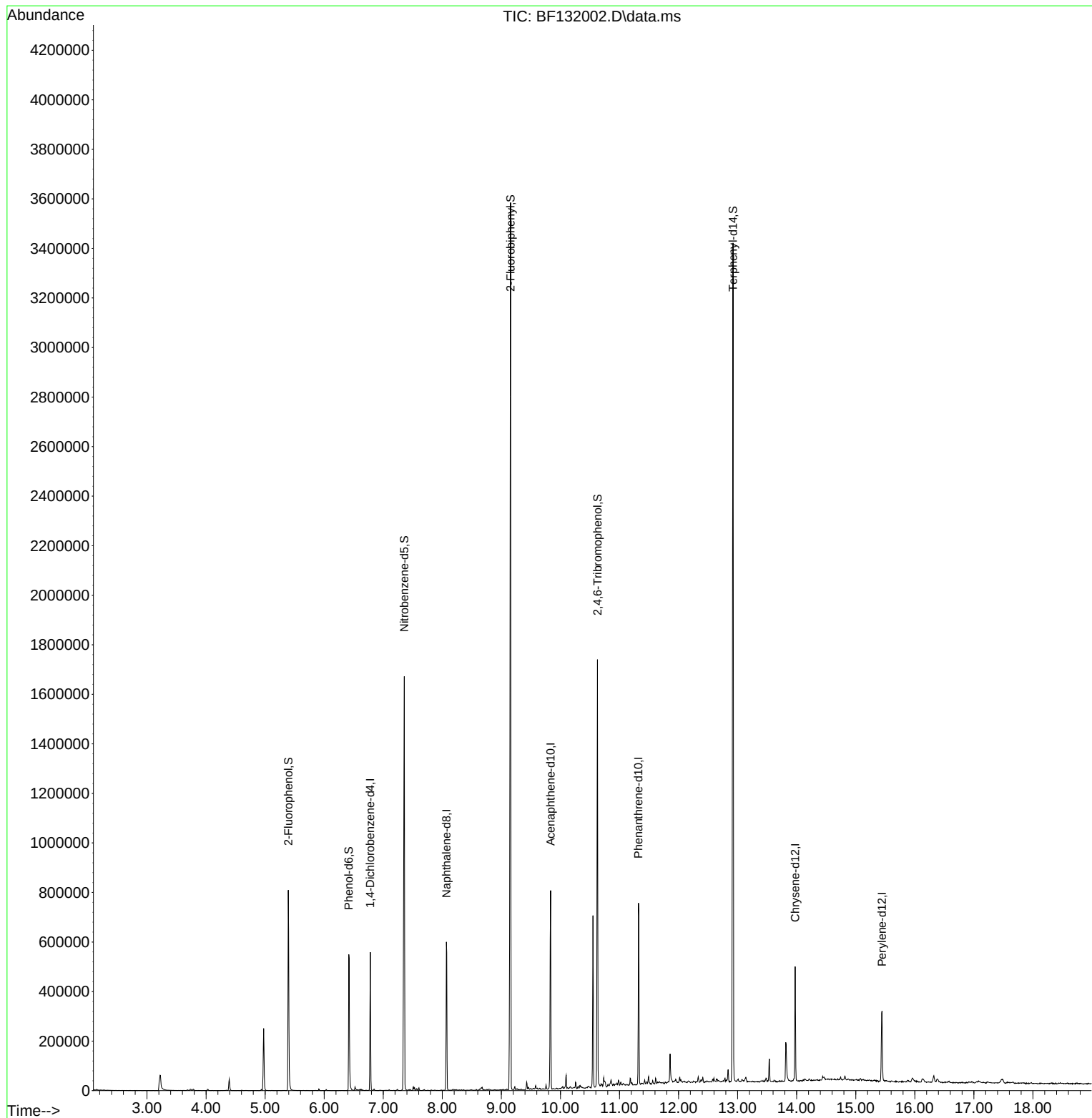
Target Compounds	Qvalue

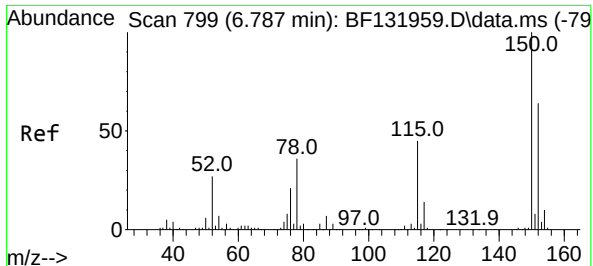
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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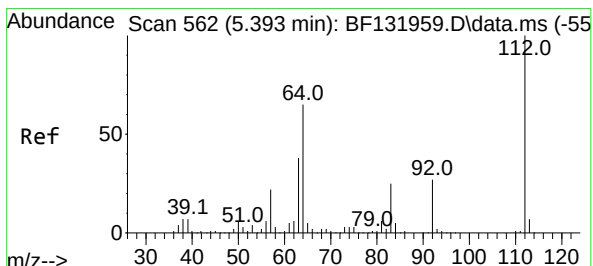
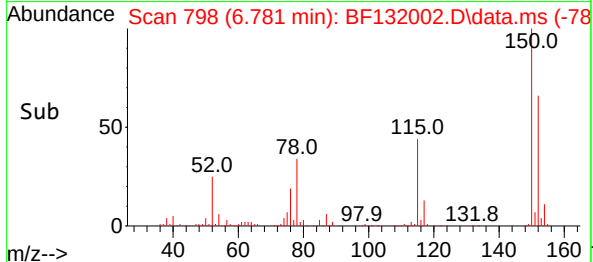
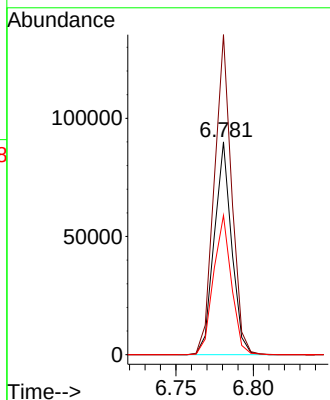
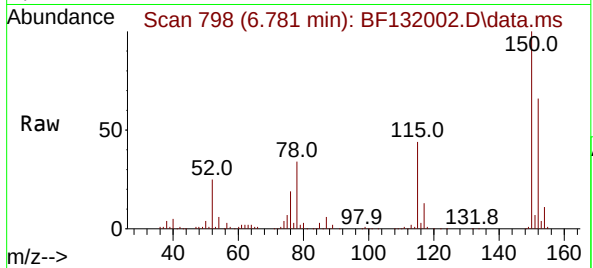




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

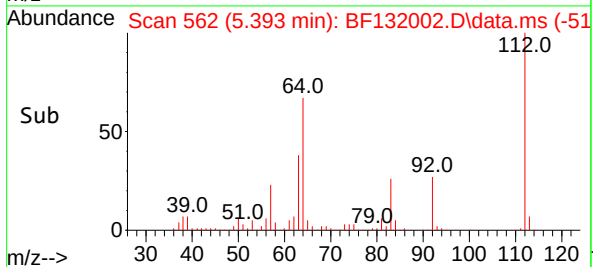
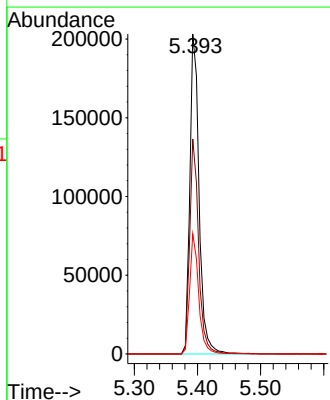
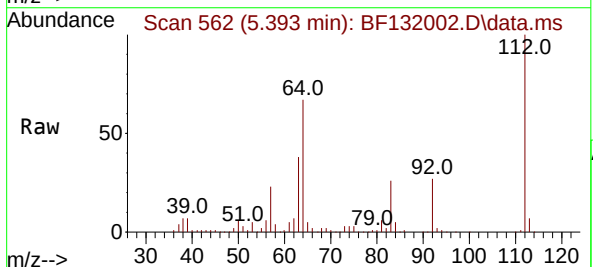
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENT

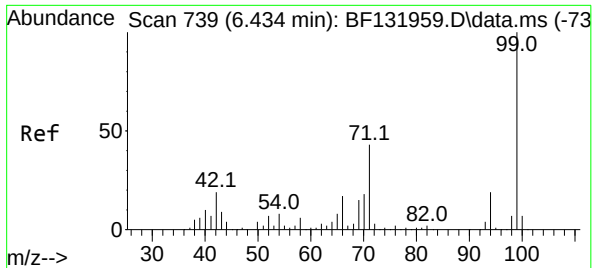
Tgt Ion:152 Resp: 70295
Ion Ratio Lower Upper
152 100
150 150.4 124.6 186.8
115 65.5 55.6 83.4



#5
2-Fluorophenol
Concen: 48.758 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

Tgt Ion:112 Resp: 208002
Ion Ratio Lower Upper
112 100
64 67.2 51.9 77.9
63 37.5 30.2 45.2

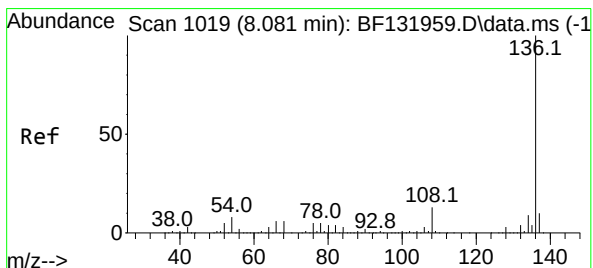
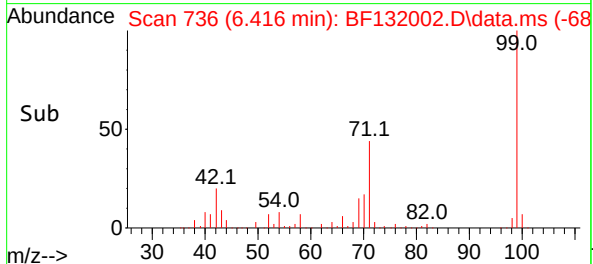
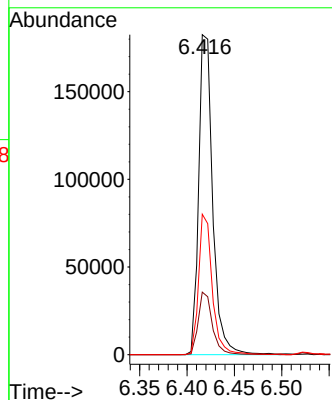
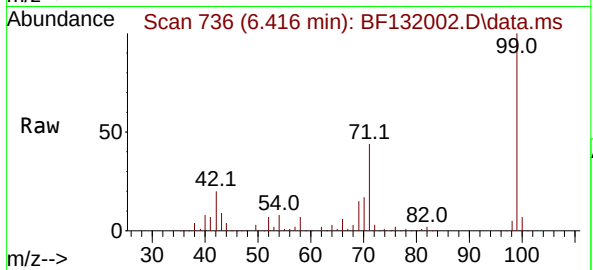




#7
Phenol-d6
Concen: 33.515 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

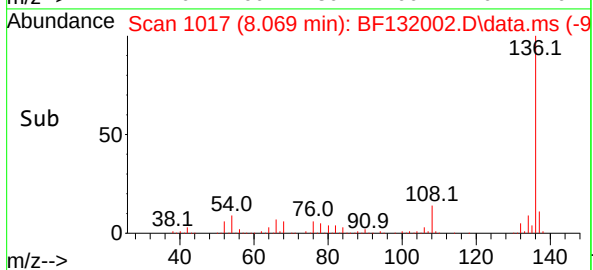
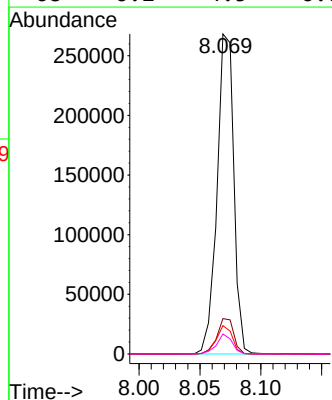
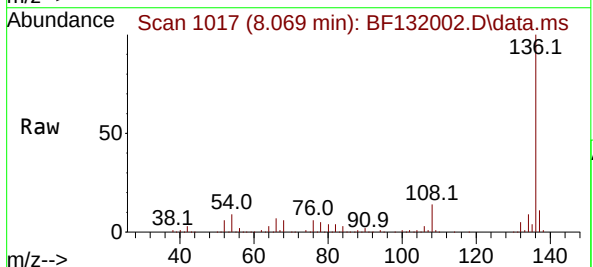
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENT

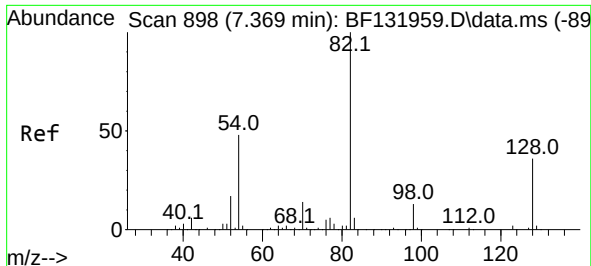
Tgt Ion: 99 Resp: 189571
Ion Ratio Lower Upper
99 100
42 19.6 15.4 23.2
71 43.9 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

Tgt Ion: 136 Resp: 257701
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.8 6.6 9.8
68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.433 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF132002.D

Acq: 10 Jan 2023 18:21

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-INFLUENT

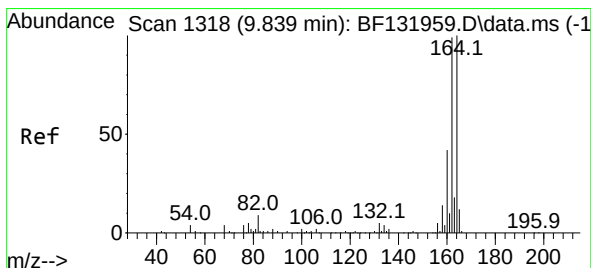
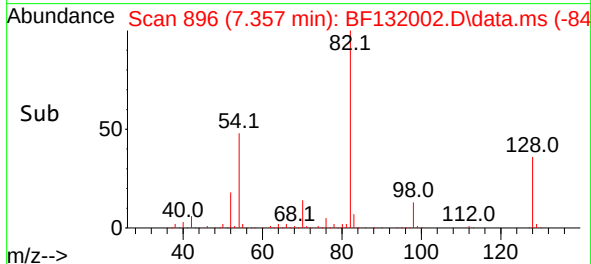
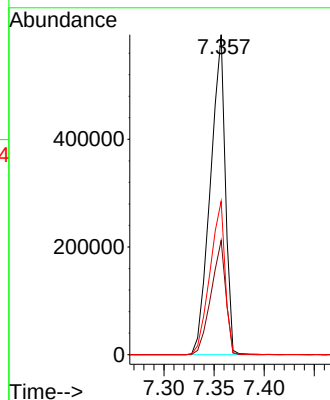
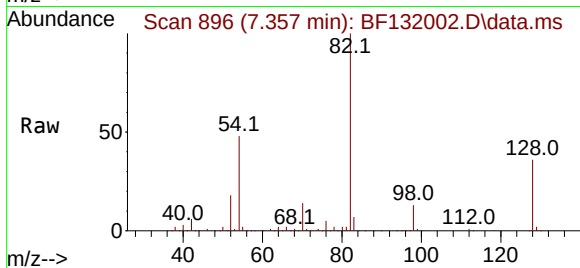
Tgt Ion: 82 Resp: 617396

Ion Ratio Lower Upper

82 100

128 35.7 28.7 43.1

54 48.0 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: BF132002.D

Acq: 10 Jan 2023 18:21

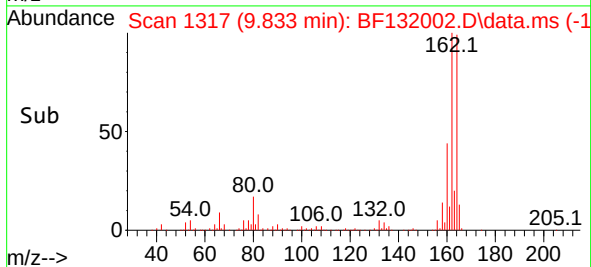
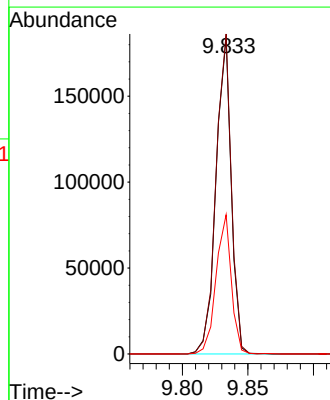
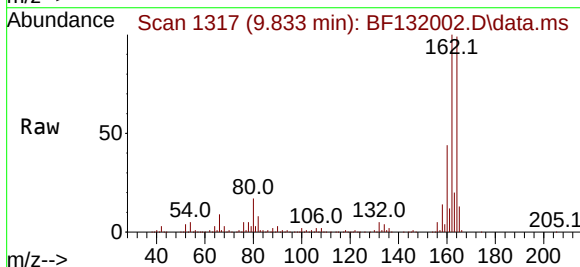
Tgt Ion:164 Resp: 148780

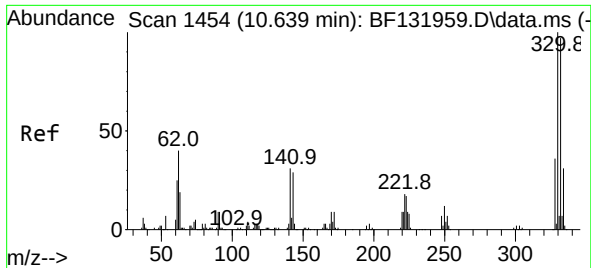
Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.0

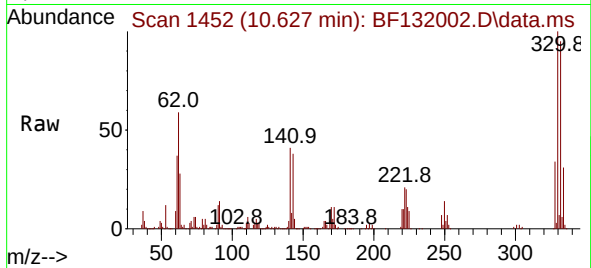
160 44.0 33.9 50.9



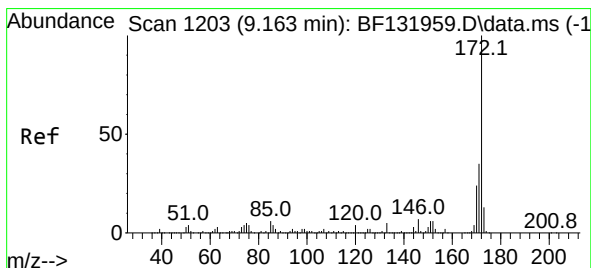
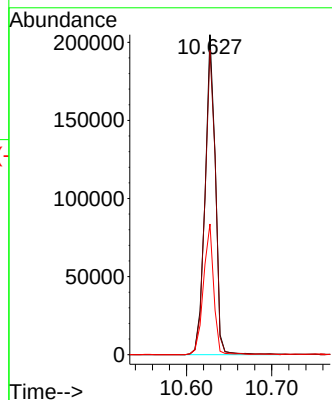
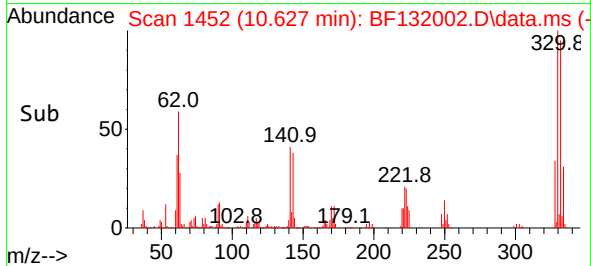


#42
2,4,6-Tribromophenol
Concen: 100.141 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENT

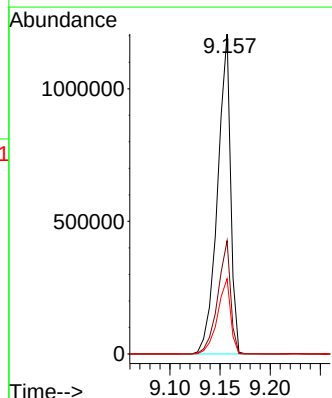
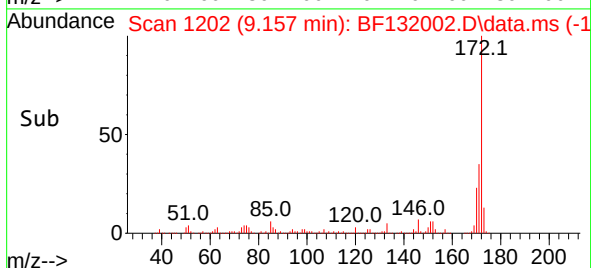
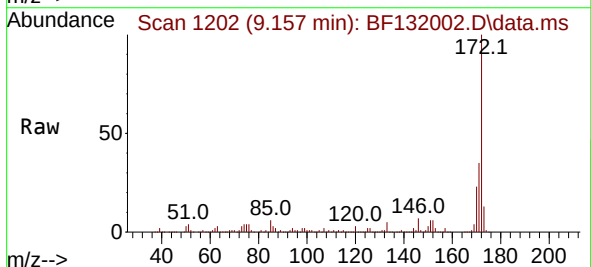


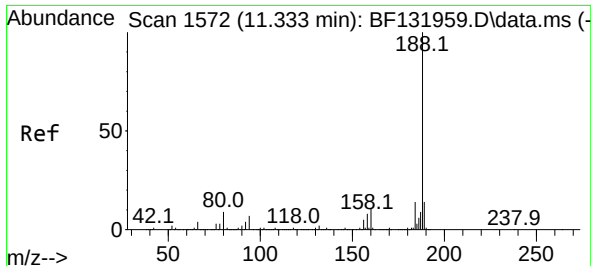
Tgt Ion:330 Resp: 171305
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 40.8 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 98.928 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

Tgt Ion:172 Resp: 1090289
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.5 18.9 28.3

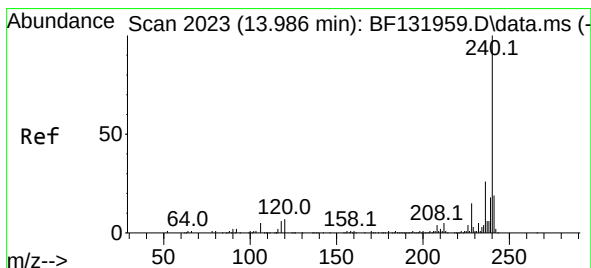
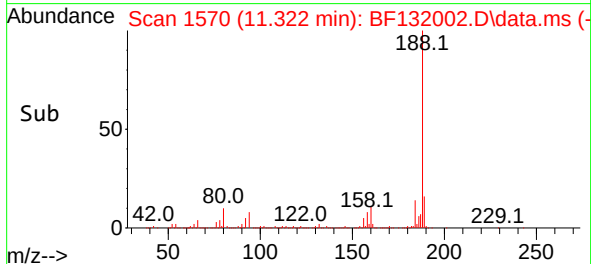
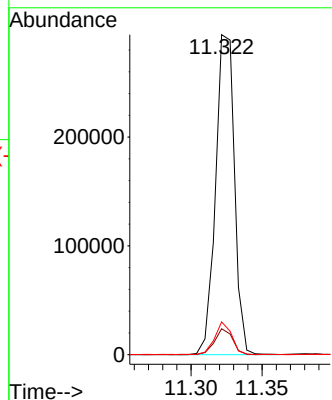
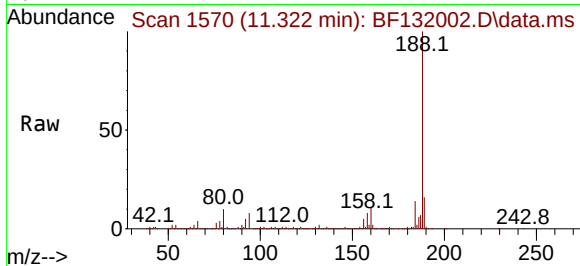




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

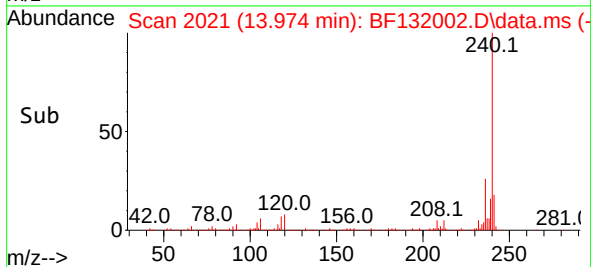
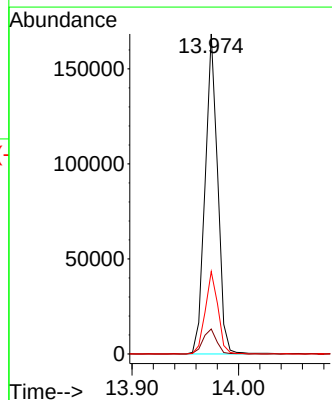
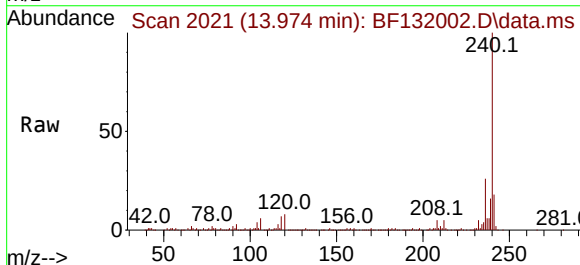
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-INFLUENT

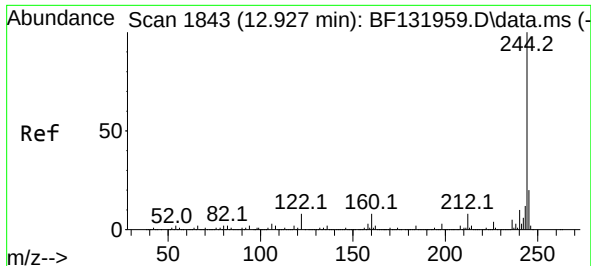
Tgt Ion:188 Resp: 271688
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 10.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132002.D
Acq: 10 Jan 2023 18:21

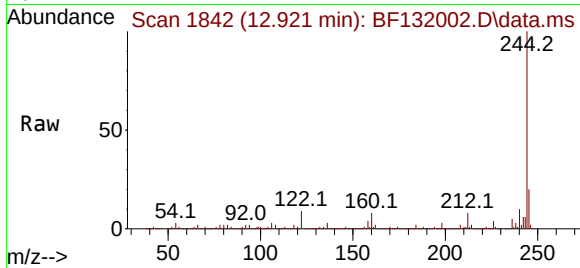
Tgt Ion:240 Resp: 138379
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 25.7 21.1 31.7





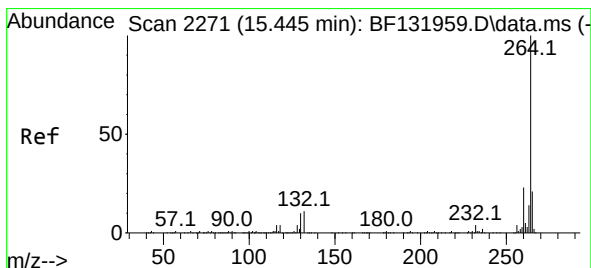
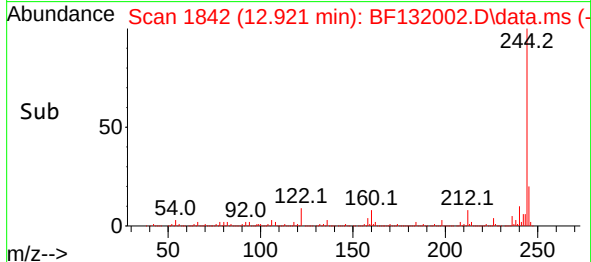
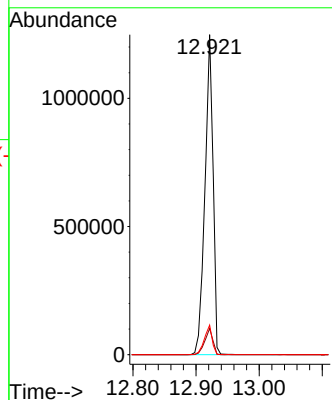
#79
 Terphenyl-d14
 Concen: 115.577 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132002.D
 Acq: 10 Jan 2023 18:21

Instrument :
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Tgt Ion:244 Resp: 1115869

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	9.3	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: BF132002.D
 Acq: 10 Jan 2023 18:21

Tgt Ion:264 Resp: 131890

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	16.9	25.3

