

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF132001.D
 Acq On : 10 Jan 2023 17:49
 Operator : CG\JU
 Sample : 01079-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-EFFLUENT

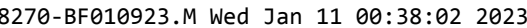
Quant Time: Jan 11 00:37:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

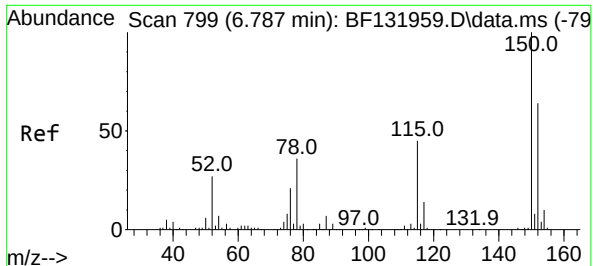
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71391	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	262542	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	152408	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	295025	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	153655	20.000	ng	-0.01
86) Perylene-d12	15.439	264	126668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	154308	35.616	ng	0.00
7) Phenol-d6	6.416	99	120072	20.902	ng	-0.02
23) Nitrobenzene-d5	7.357	82	516902	81.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	146091	83.368	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	898798	79.611	ng	0.00
79) Terphenyl-d14	12.922	244	1047434	97.703	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	73326	17.646	ng	# 76
25) Isophorone	7.357	82	513987	43.494	ng	# 69
50) Dimethylphthalate	9.833	163	31389	2.642	ng	# 1
57) 2,4-Dinitrotoluene	9.833	165	19668	5.888	ng	# 13
63) Azobenzene	10.551	77	110826	8.943	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	10499	2.845	ng	# 1
77) Benzidine	12.922	184	16695	3.270	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
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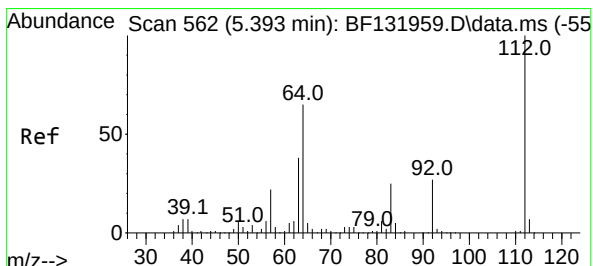
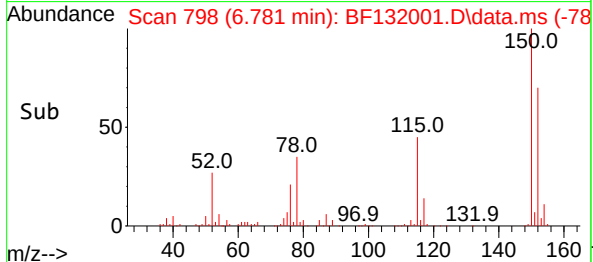
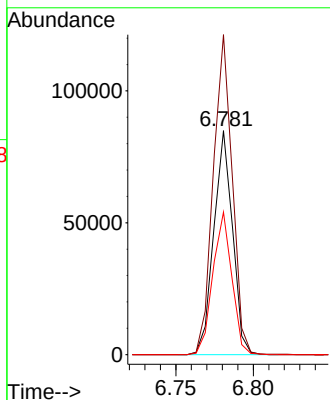
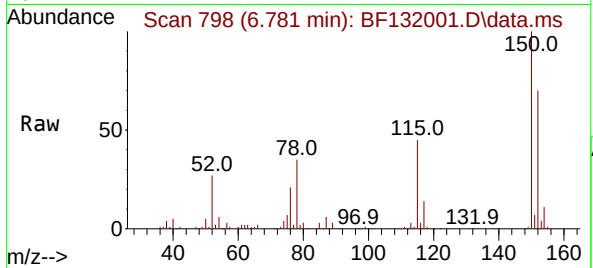




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132001.D
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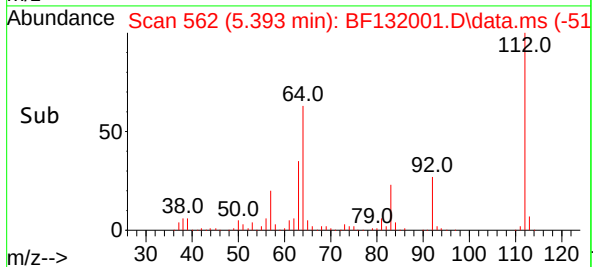
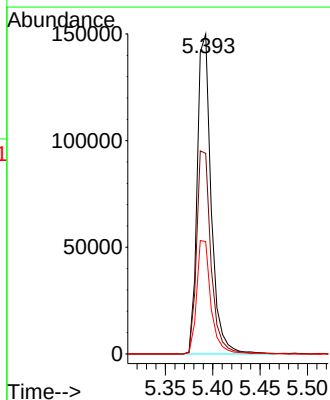
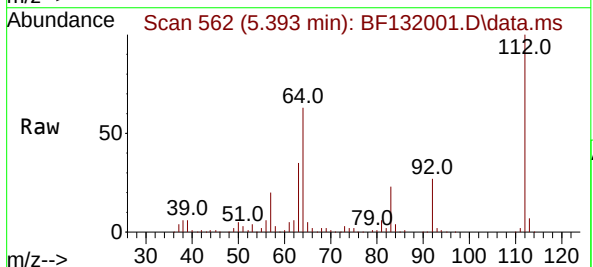
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ClientSampleId :
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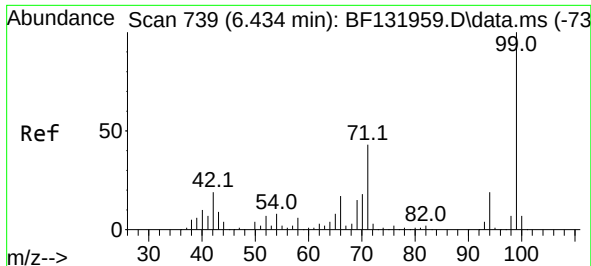
Tgt Ion:152 Resp: 71391
Ion Ratio Lower Upper
152 100
150 142.8 124.6 186.8
115 63.6 55.6 83.4



#5
2-Fluorophenol
Concen: 35.616 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:112 Resp: 154308
Ion Ratio Lower Upper
112 100
64 62.7 51.9 77.9
63 35.1 30.2 45.2

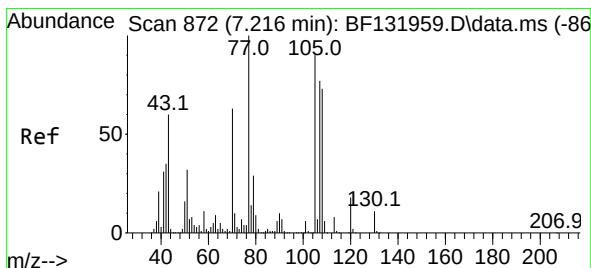
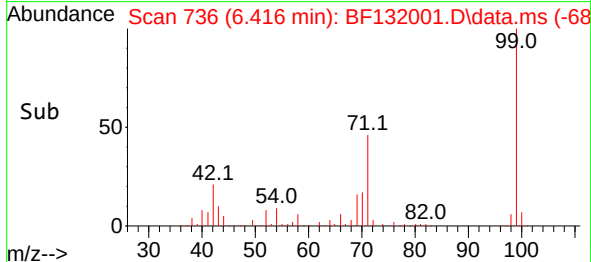
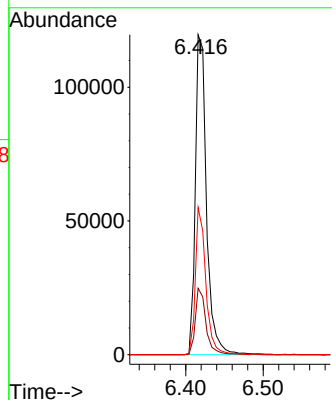
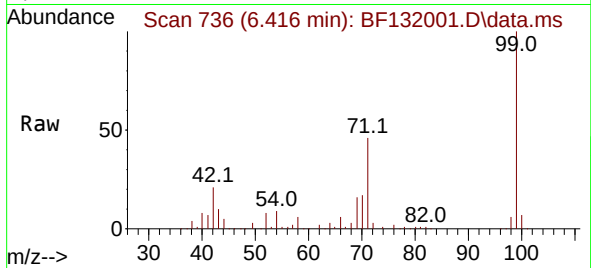




#7
Phenol-d6
Concen: 20.902 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

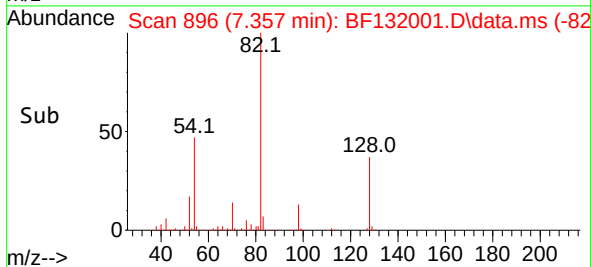
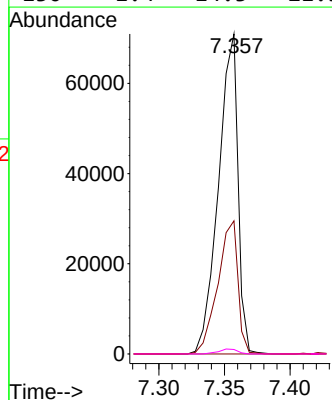
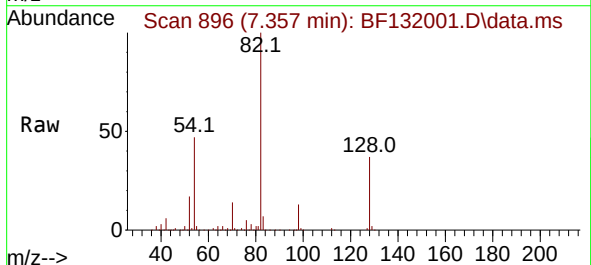
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BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENT

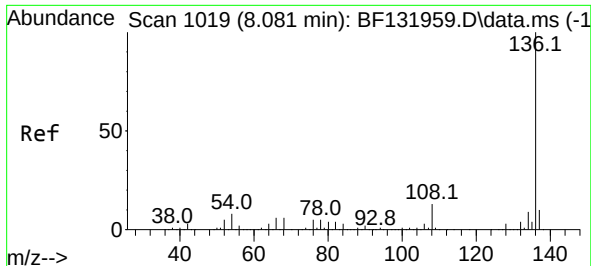
Tgt Ion: 99 Resp: 120072
Ion Ratio Lower Upper
99 100
42 20.8 15.4 23.2
71 46.0 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.646 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion: 70 Resp: 73326
Ion Ratio Lower Upper
70 100
42 41.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#

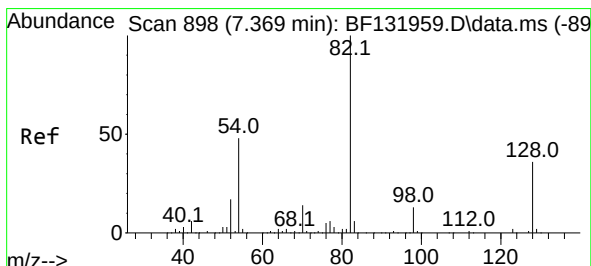
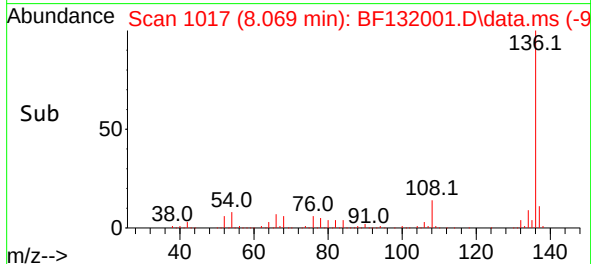
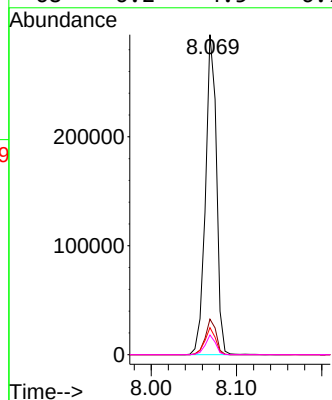
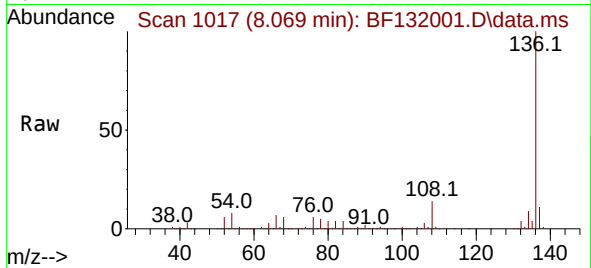




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

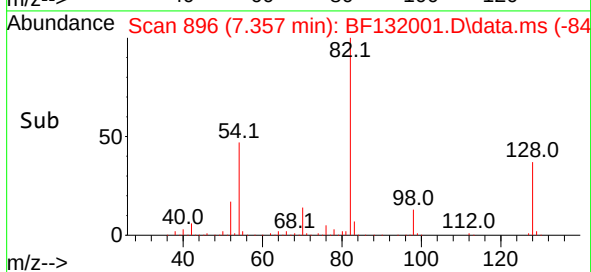
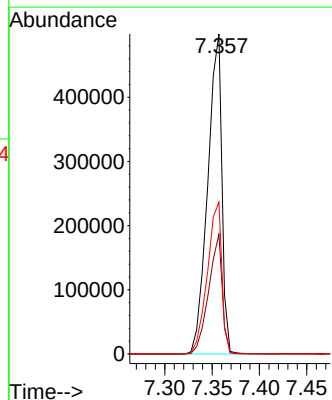
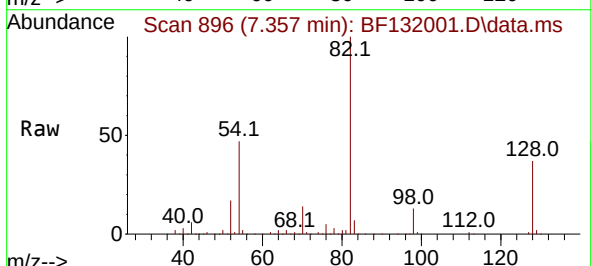
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENT

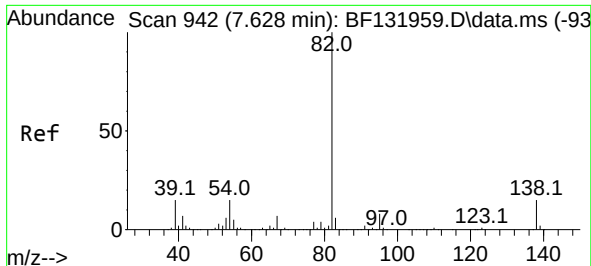
Tgt Ion:	136	Resp:	262542
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	8.5	6.6	9.8
68	6.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 81.713 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:	82	Resp:	516902
Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.7	43.1
54	47.4	38.1	57.1

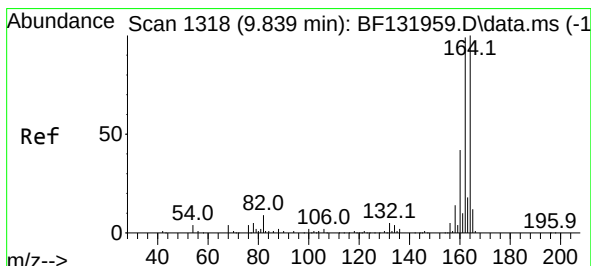
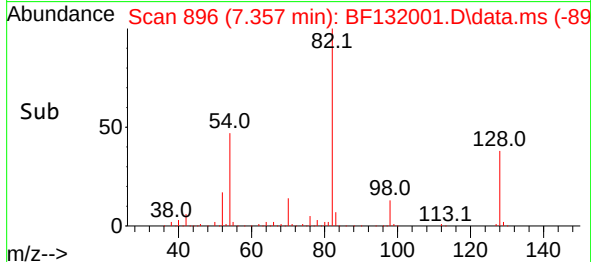
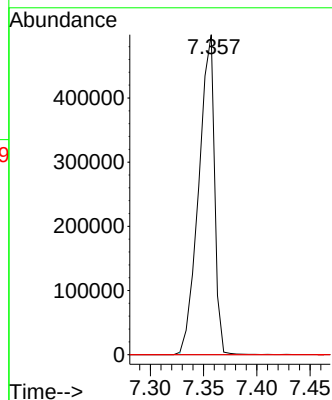
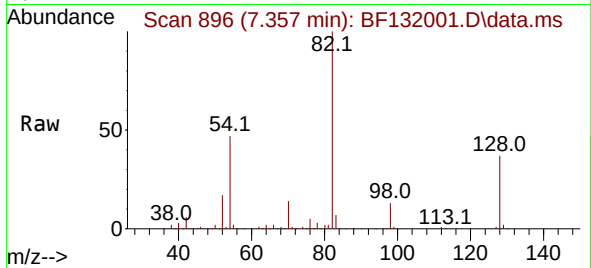




#25
Isophorone
Concen: 43.494 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

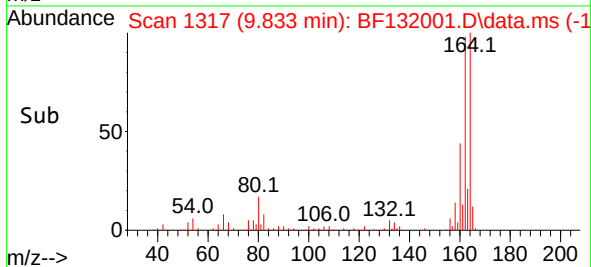
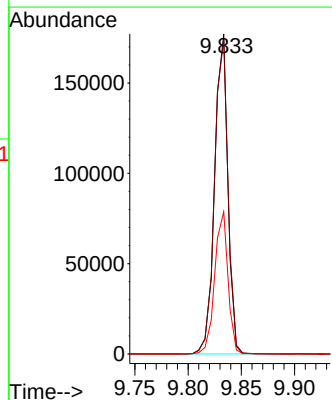
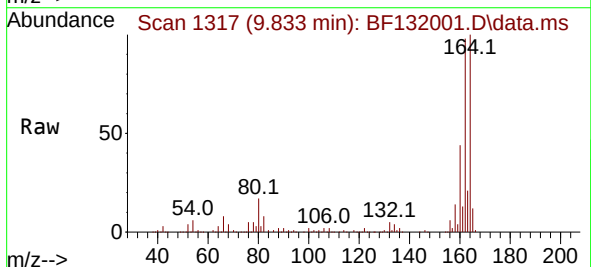
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENT

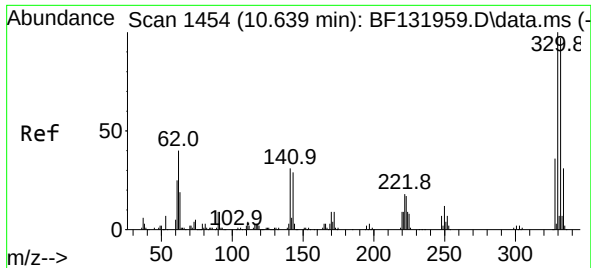
Tgt Ion: 82 Resp: 513987
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:164 Resp: 152408
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.0
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 83.368 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132001.D

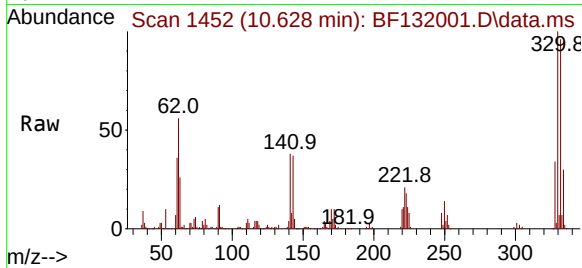
Acq: 10 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-EFFLUENT



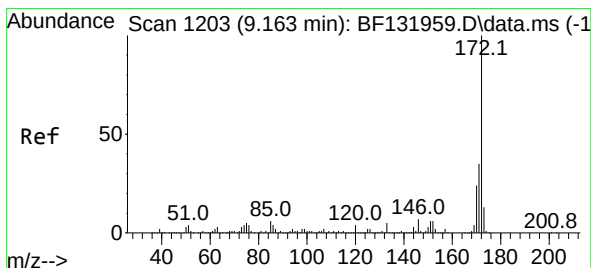
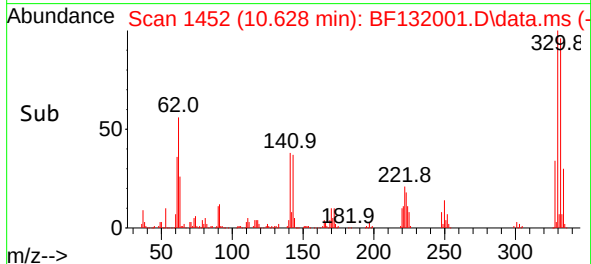
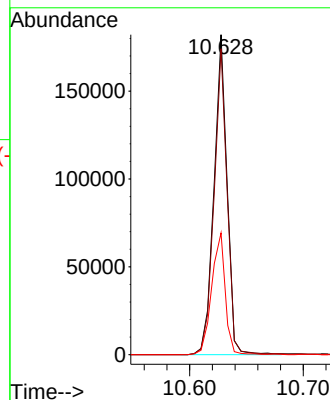
Tgt Ion:330 Resp: 146091

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

141 39.4 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 79.611 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF132001.D

Acq: 10 Jan 2023 17:49

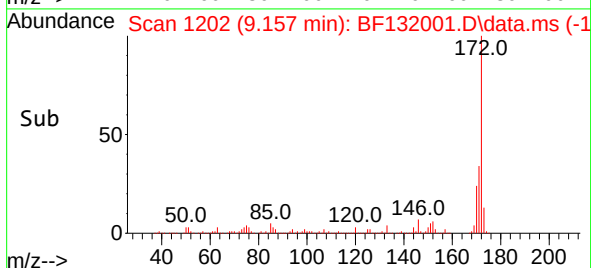
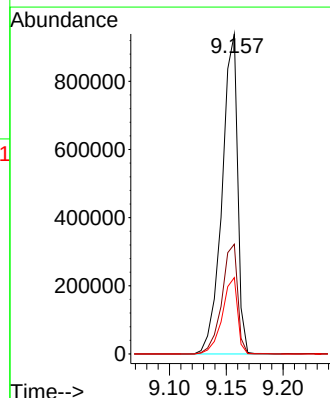
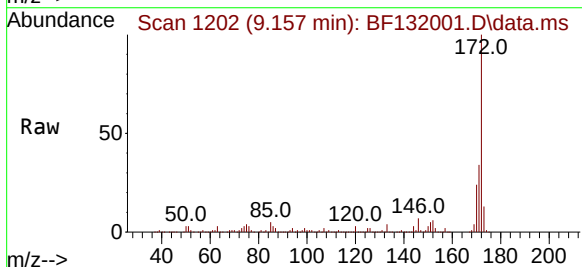
Tgt Ion:172 Resp: 898798

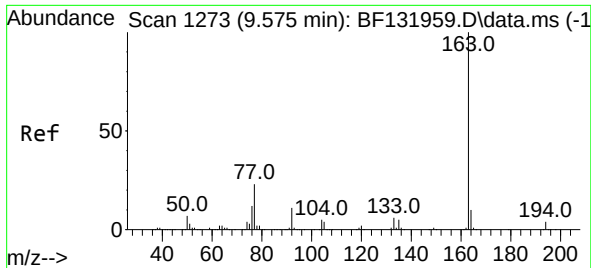
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.9 18.9 28.3

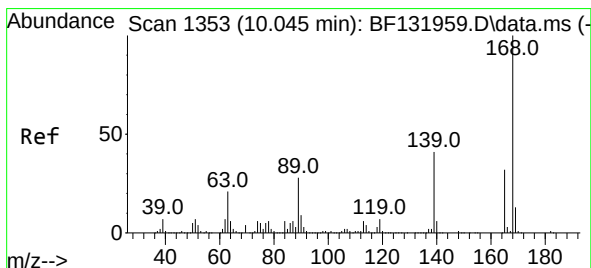
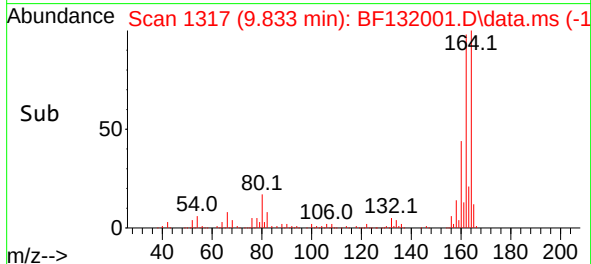
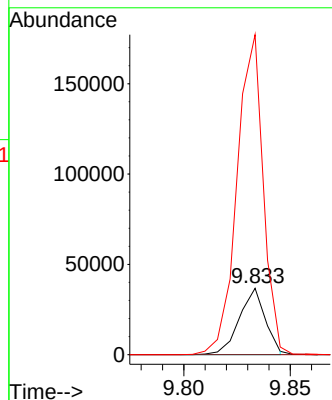
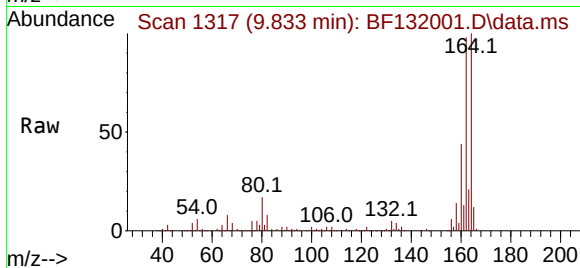




#50
Dimethylphthalate
Concen: 2.642 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

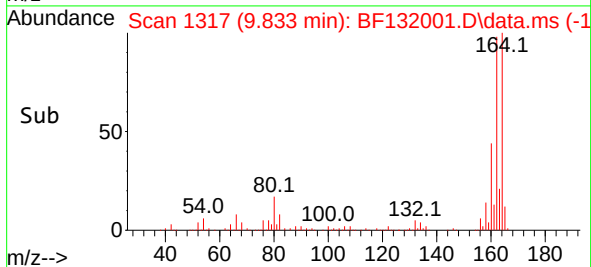
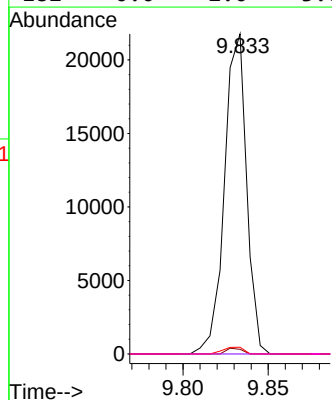
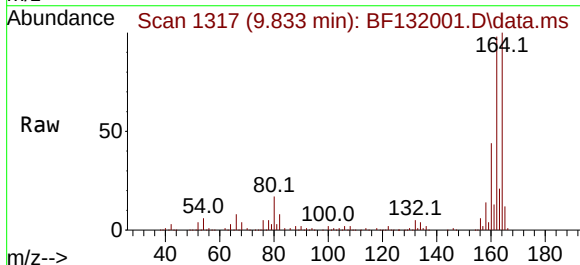
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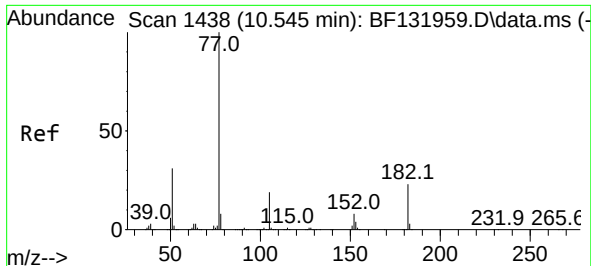
Tgt Ion:163 Resp: 31389
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 481.8 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 5.888 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.212 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:165 Resp: 19668
Ion Ratio Lower Upper
165 100
63 1.5 53.2 79.8#
89 2.1 71.2 106.8#
182 0.0 2.0 3.0#

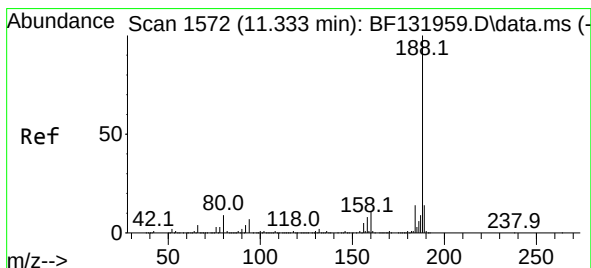
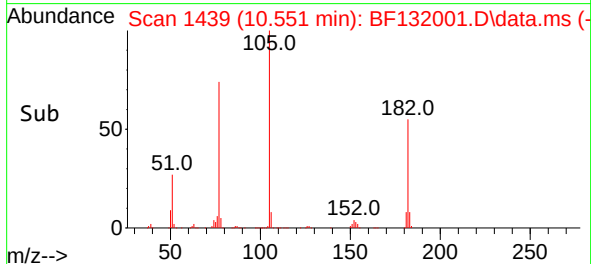
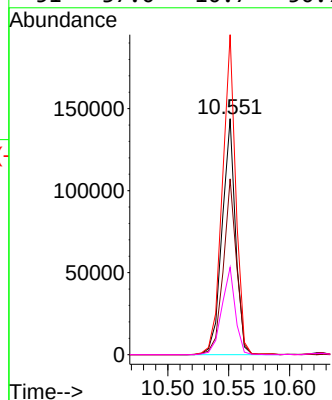
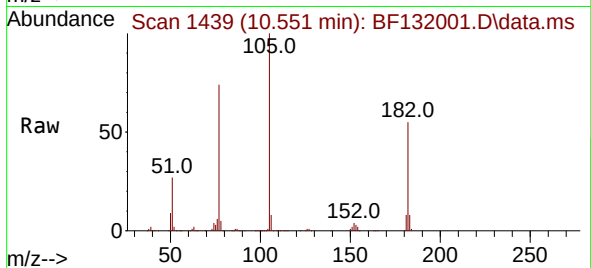




#63
Azobenzene
Concen: 8.943 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

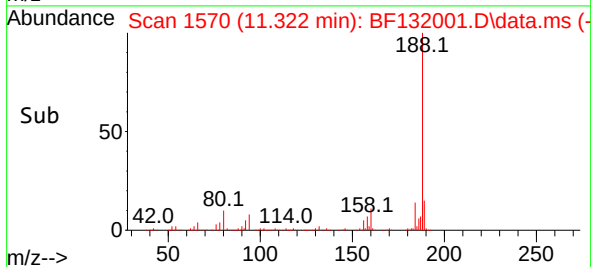
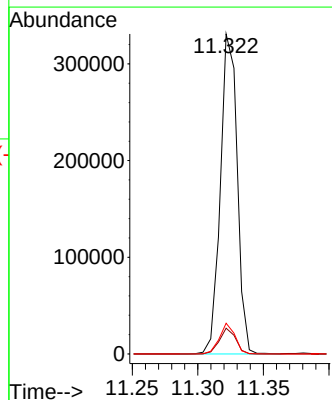
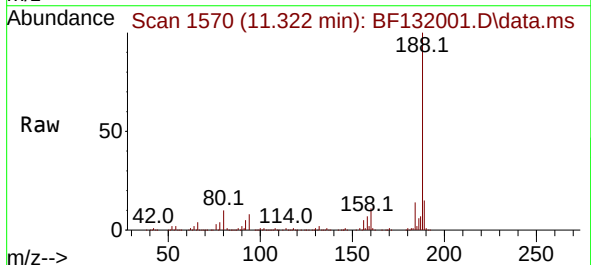
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ClientSampleId :
SAMPLE-1-EFFLUENT

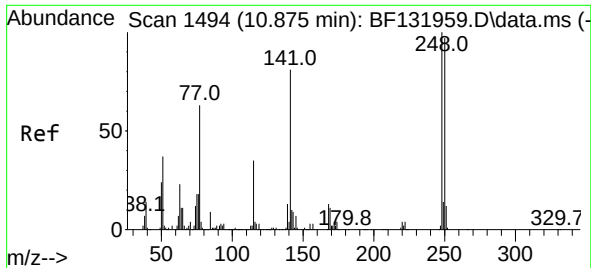
Tgt Ion: 77 Resp: 110826
Ion Ratio Lower Upper
77 100
182 74.5 2.9 42.9#
105 135.6 0.0 39.3#
51 37.0 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion: 188 Resp: 295025
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.6 7.4 11.0

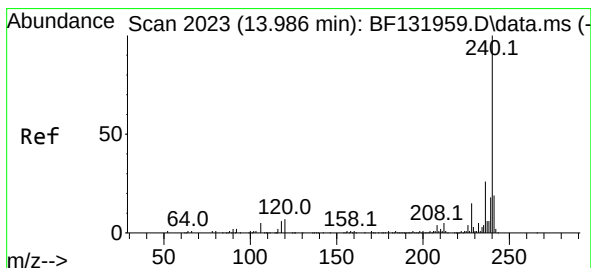
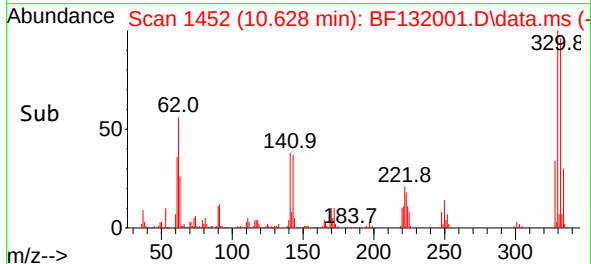
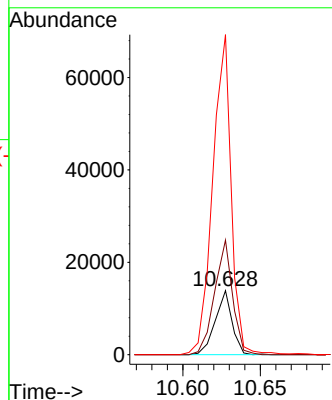
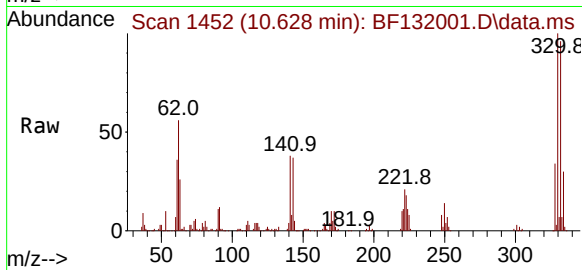




#67
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

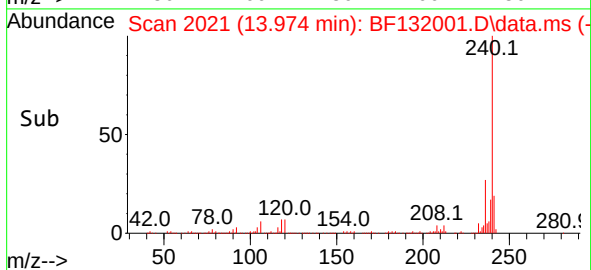
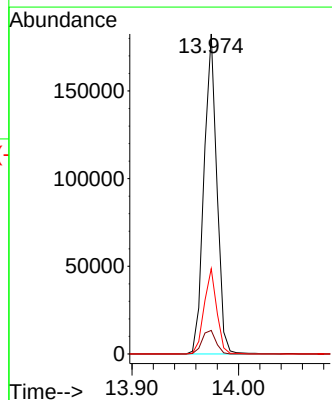
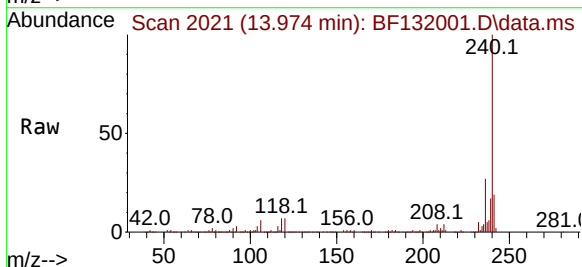
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENT

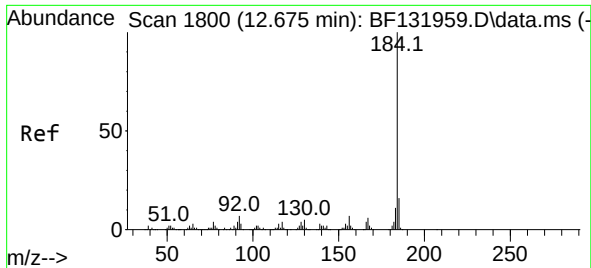
Tgt Ion:248 Resp: 10499
Ion Ratio Lower Upper
248 100
250 178.8 77.4 116.2#
141 499.4 65.0 97.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:240 Resp: 153655
Ion Ratio Lower Upper
240 100
120 7.3 5.4 8.0
236 26.7 21.1 31.7

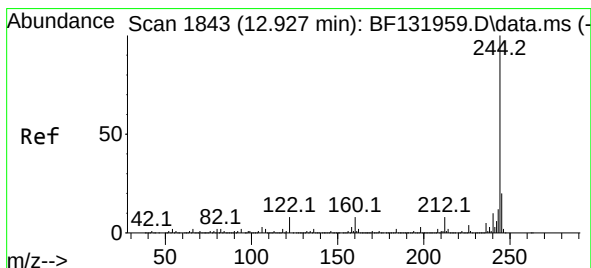
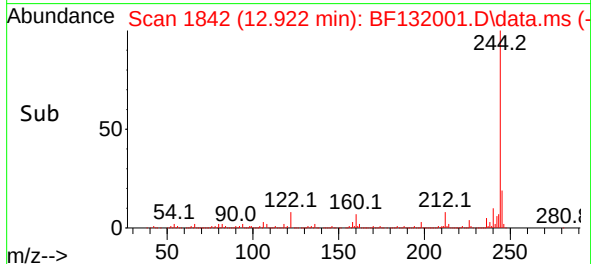
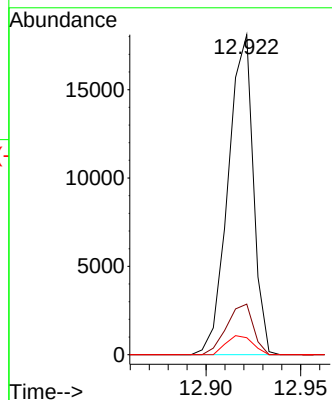
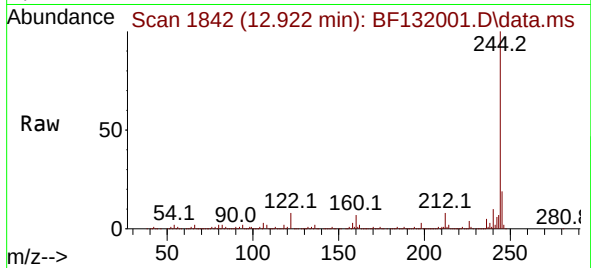




#77
Benzidine
Concen: 3.270 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.246 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

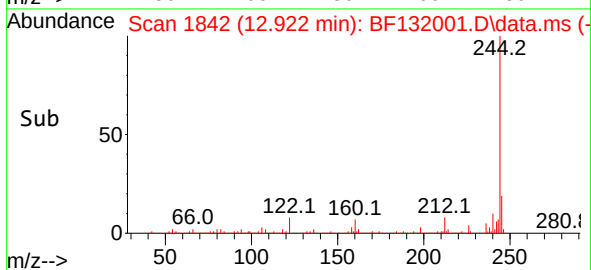
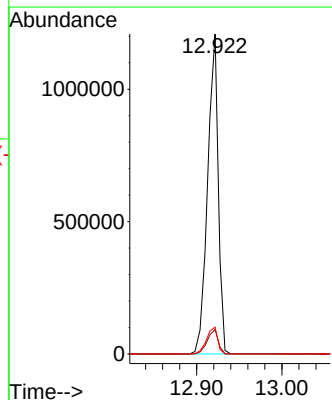
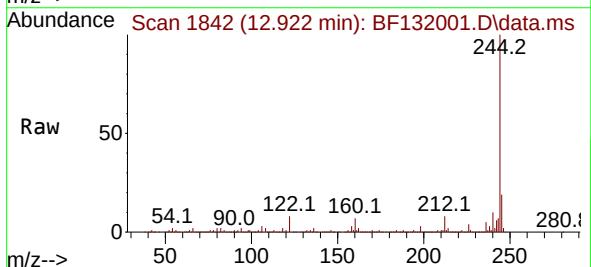
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-EFFLUENT

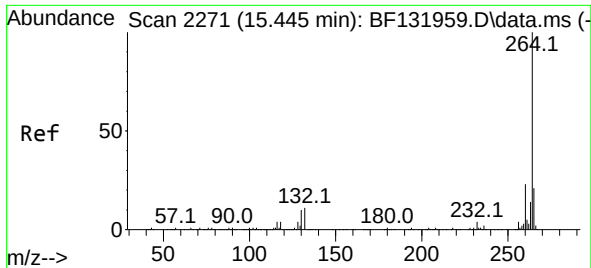
Tgt Ion:184 Resp: 16695
Ion Ratio Lower Upper
184 100
185 15.8 12.8 19.2
183 5.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 97.703 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF132001.D
Acq: 10 Jan 2023 17:49

Tgt Ion:244 Resp: 1047434
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.3 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132001.D
 Acq: 10 Jan 2023 17:49

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-EFFLUENT

Tgt Ion:264 Resp: 126668
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.3 27.5
 265 21.8 16.9 25.3

