

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131973.D
 Acq On : 09 Jan 2023 20:33
 Operator : CG\JU
 Sample : 01045-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

Quant Time: Jan 10 03:14:18 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)

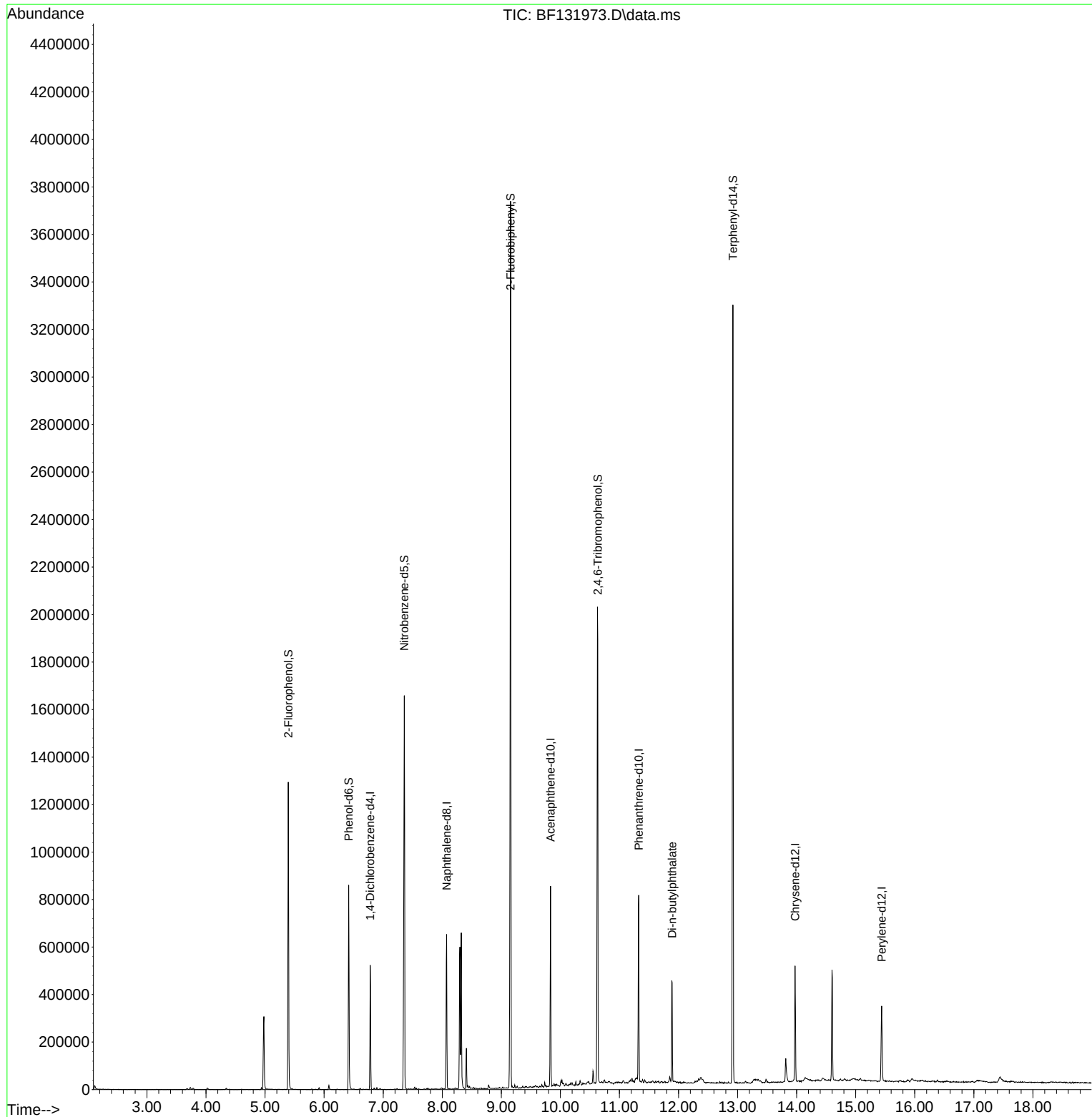
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71231	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	257505	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	145652	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	285796	20.000	ng	0.00
76) Chrysene-d12	13.974	240	148816	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	139134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	298545	69.062	ng	0.00
7) Phenol-d6	6.416	99	238426	41.599	ng	-0.02
23) Nitrobenzene-d5	7.357	82	626116	100.914	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	236798	141.399	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1083371	100.411	ng	0.00
79) Terphenyl-d14	12.921	244	1095102	105.471	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.892	149	206451	11.677	ng	Qvalue 100

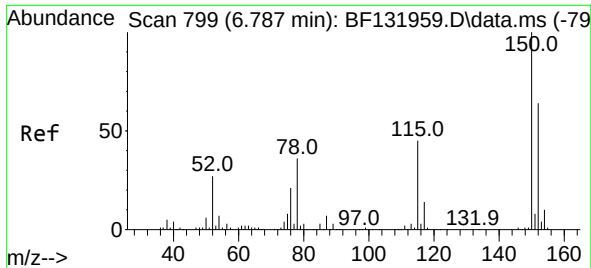
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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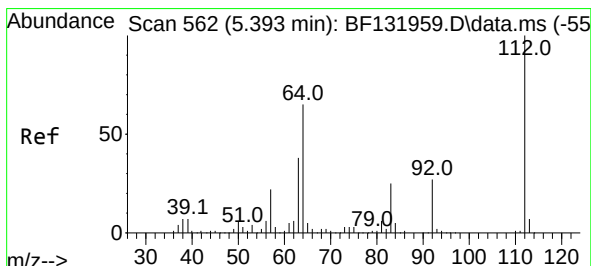
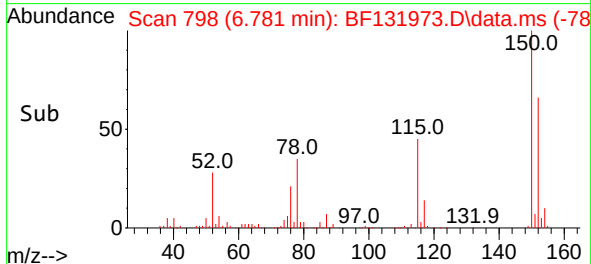
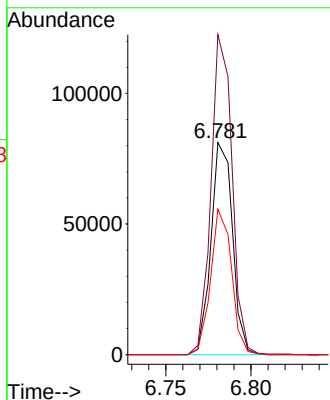
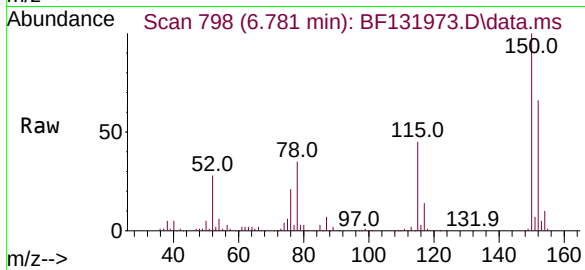




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

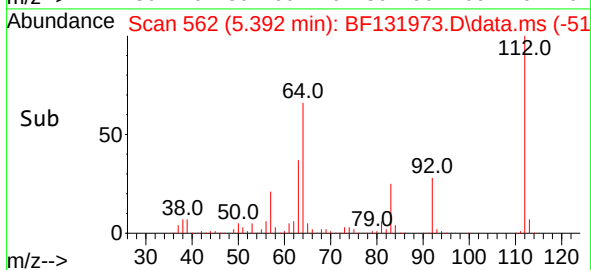
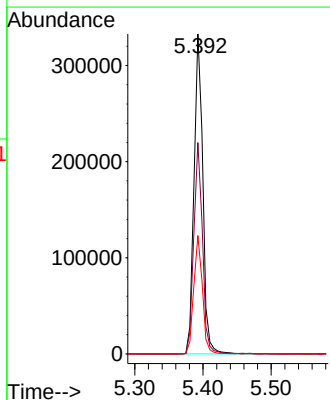
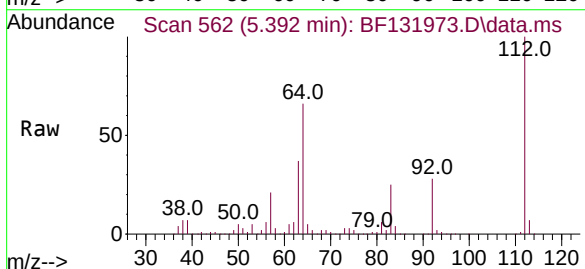
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33

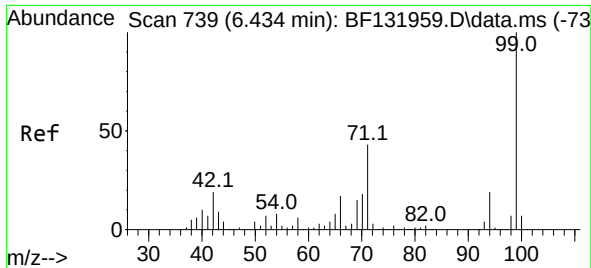
Tgt Ion:152 Resp: 71231
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.6 186.8
 115 68.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 69.062 ng
 RT: 5.392 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

Tgt Ion:112 Resp: 298545
 Ion Ratio Lower Upper
 112 100
 64 66.0 51.9 77.9
 63 37.0 30.2 45.2

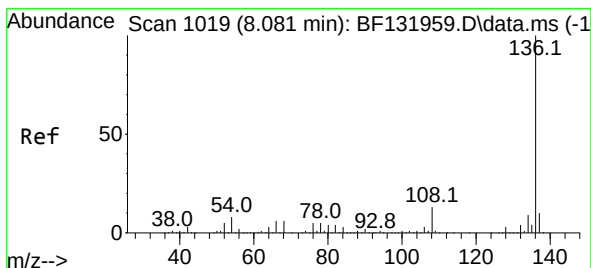
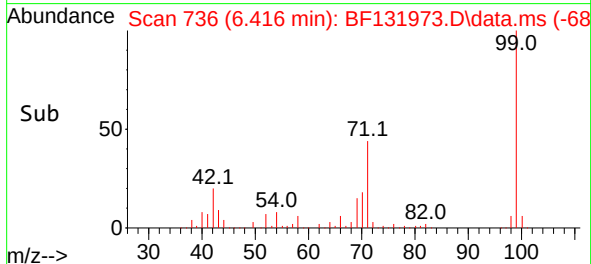
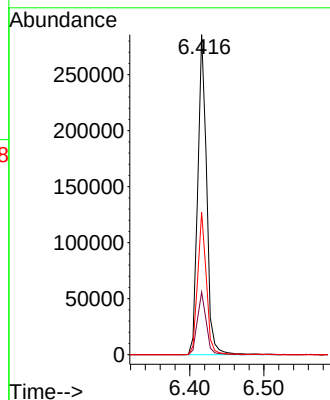
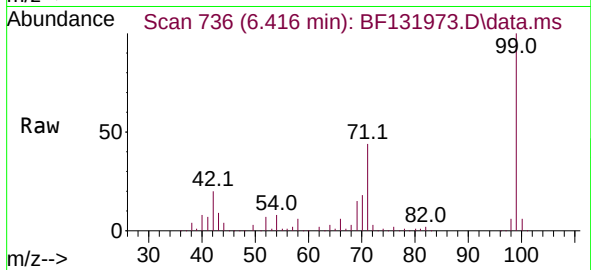




#7
Phenol-d6
Concen: 41.599 ng
RT: 6.416 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

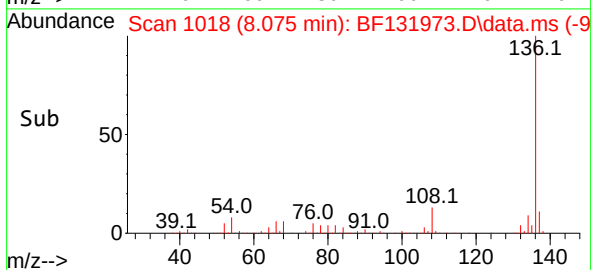
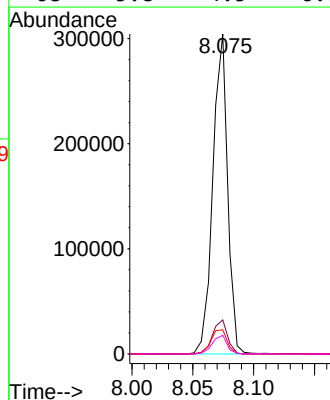
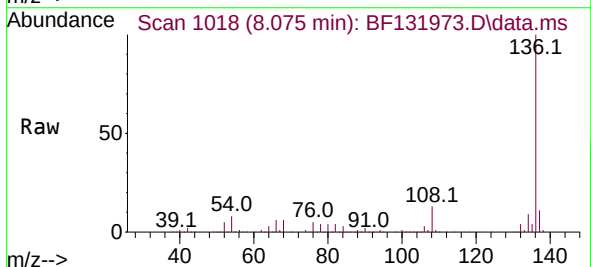
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

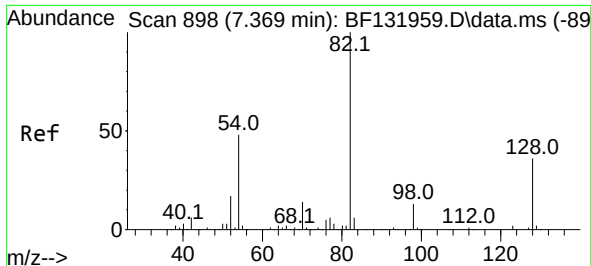
Tgt Ion: 99 Resp: 238426
Ion Ratio Lower Upper
99 100
42 19.5 15.4 23.2
71 44.5 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion: 136 Resp: 257505
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 7.5 6.6 9.8
68 5.8 4.5 6.7

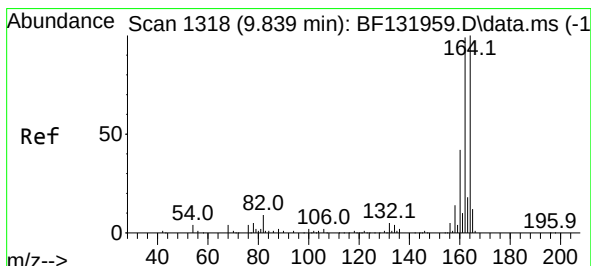
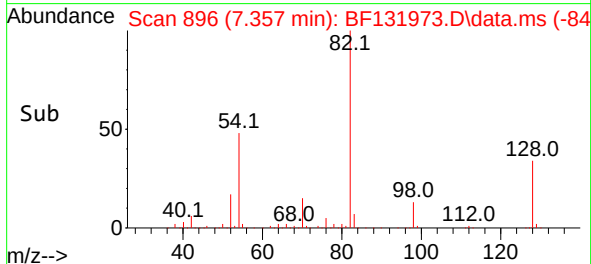
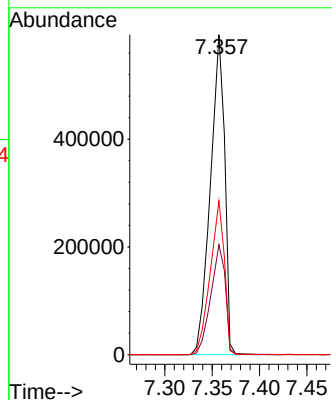
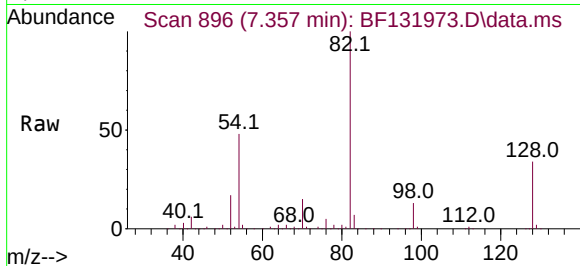




#23
Nitrobenzene-d5
Concen: 100.914 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

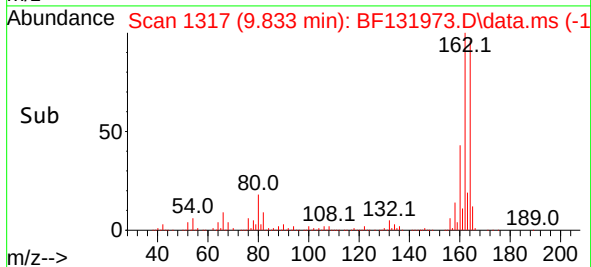
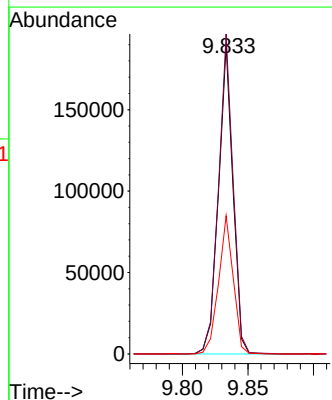
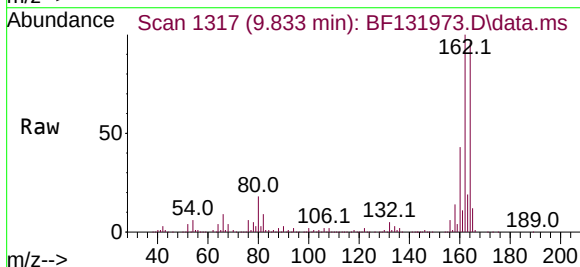
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-11-12-31-32-33

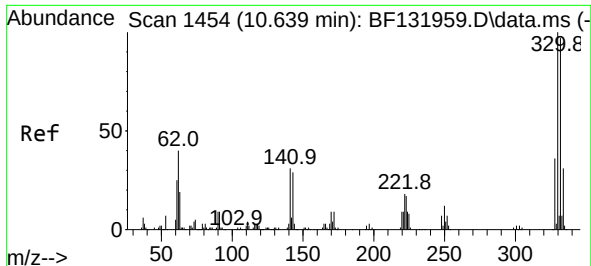
Tgt Ion: 82 Resp: 626116
Ion Ratio Lower Upper
82 100
128 34.3 28.7 43.1
54 48.1 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

Tgt Ion:164 Resp: 145652
Ion Ratio Lower Upper
164 100
162 103.7 79.4 119.0
160 44.8 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 141.399 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33

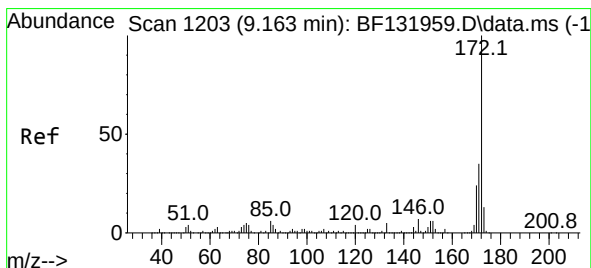
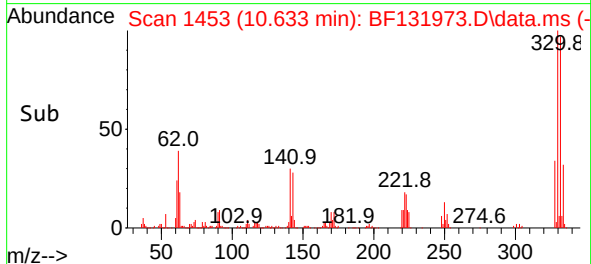
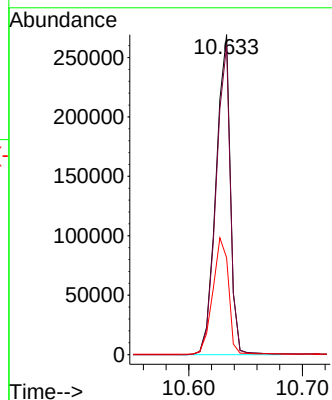
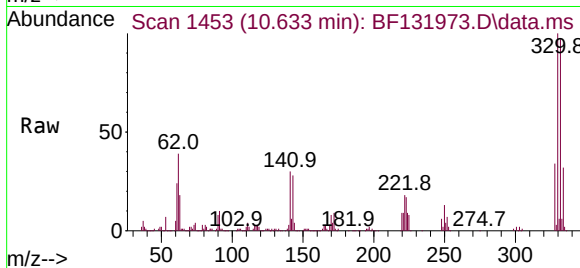
Tgt Ion:330 Resp: 236798

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 39.8 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 100.411 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

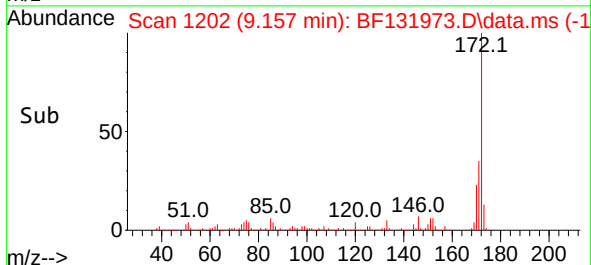
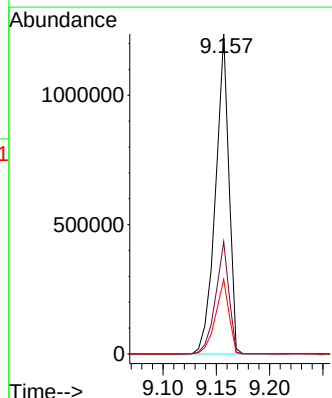
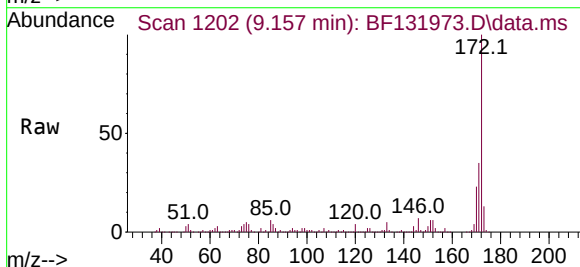
Tgt Ion:172 Resp: 1083371

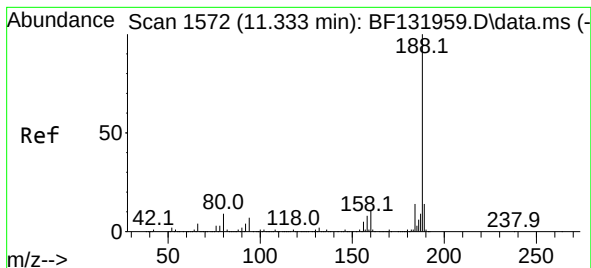
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-TANK-11-12-31-32-33

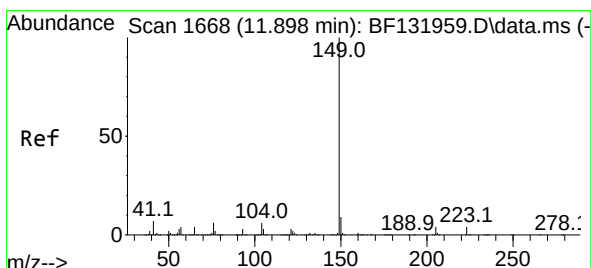
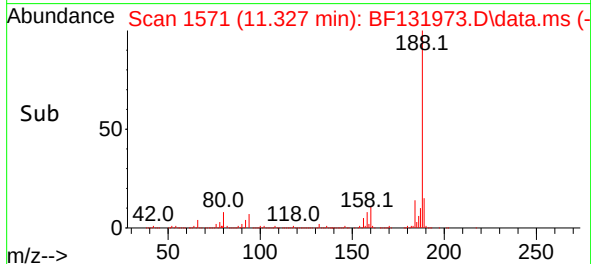
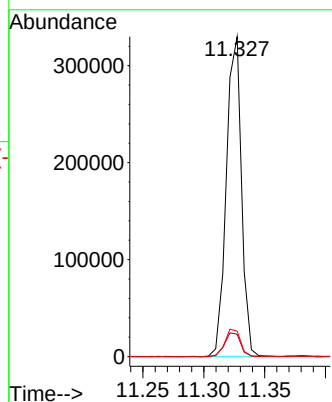
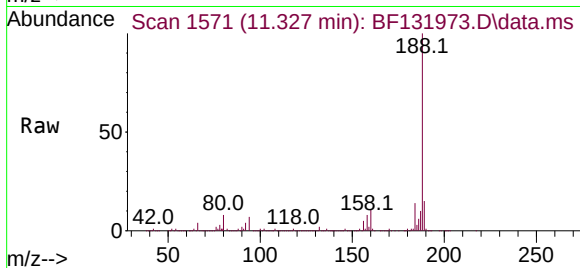
Tgt Ion:188 Resp: 285796

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 8.0 7.4 11.0



#74

Di-n-butylphthalate

Concen: 11.677 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF131973.D

Acq: 09 Jan 2023 20:33

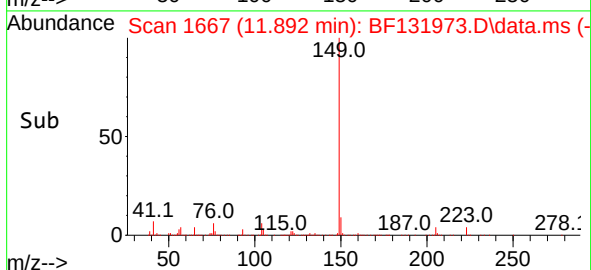
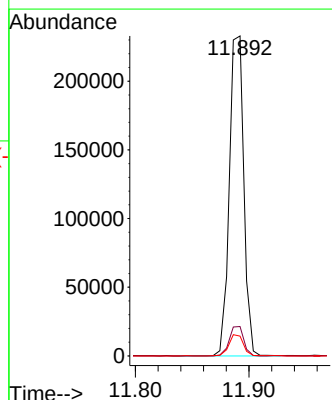
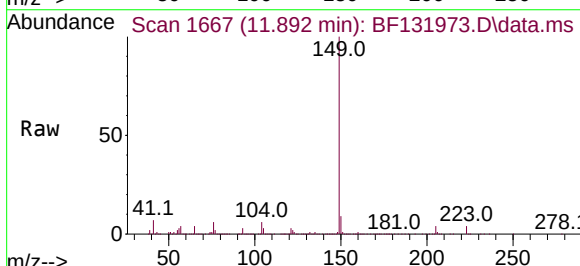
Tgt Ion:149 Resp: 206451

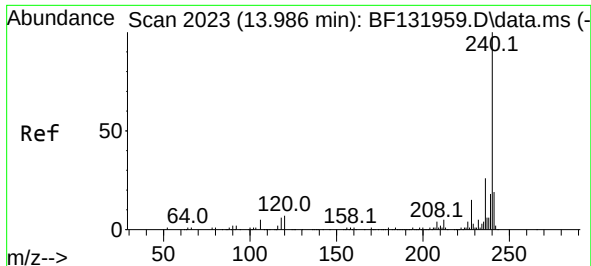
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.2 5.0 7.6

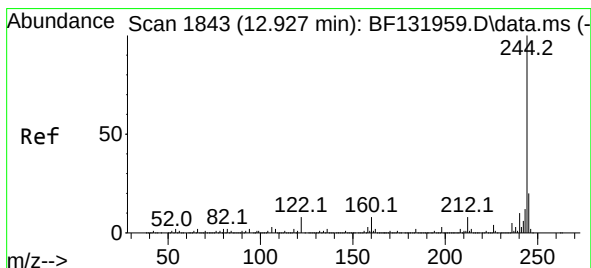
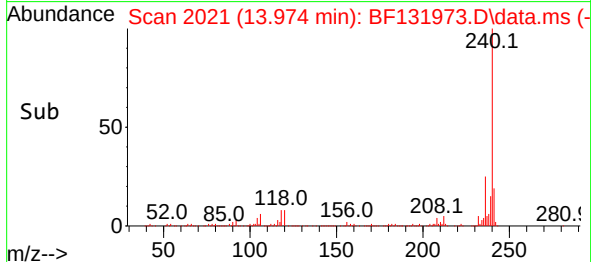
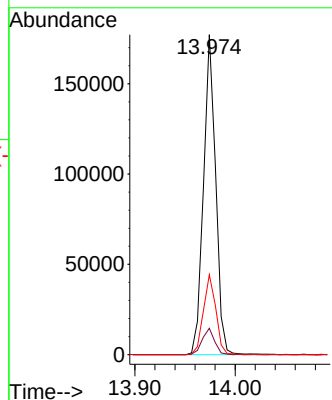
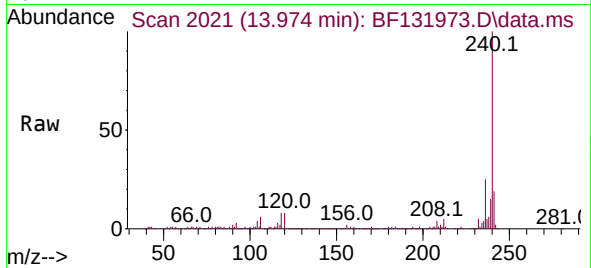




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

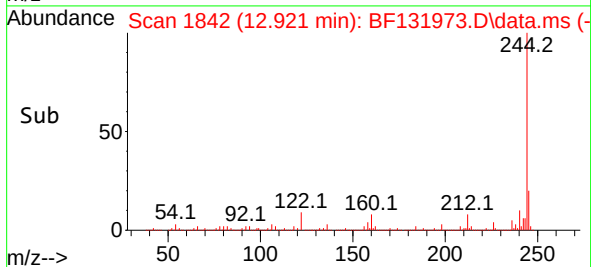
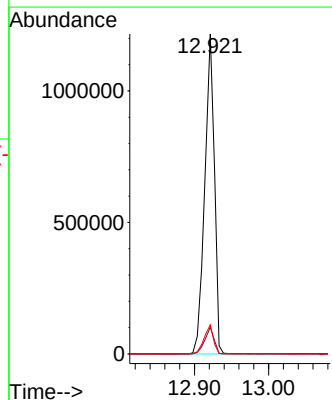
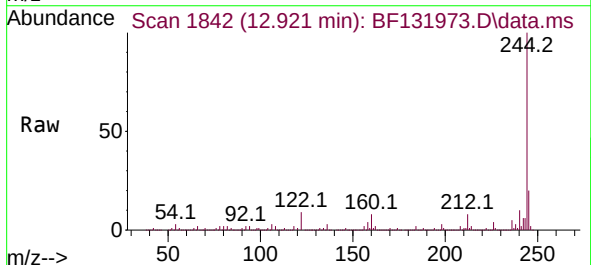
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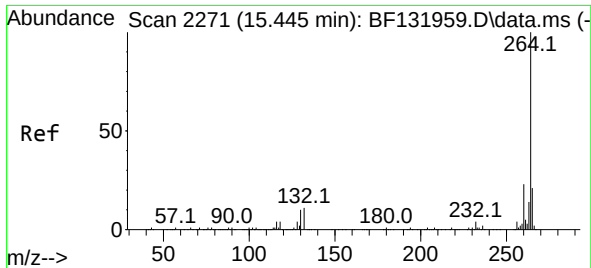
Tgt Ion:240 Resp: 148816
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.0#
236 25.0 21.1 31.7



#79
Terphenyl-d14
Concen: 105.471 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF131973.D
Acq: 09 Jan 2023 20:33

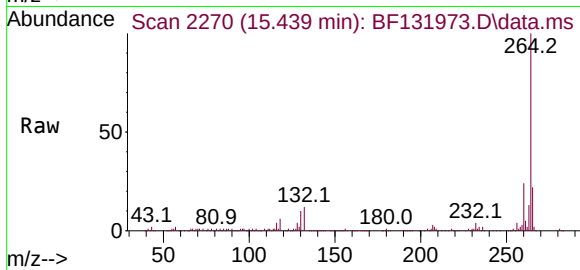
Tgt Ion:244 Resp: 1095102
Ion Ratio Lower Upper
244 100
212 8.3 6.3 9.5
122 9.1 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131973.D
 Acq: 09 Jan 2023 20:33

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-11-12-31-32-33



Tgt Ion:264 Resp: 139134
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.8 16.9 25.3

