

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131971.D
 Acq On : 09 Jan 2023 19:29
 Operator : CG\JU
 Sample : 01046-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-API-3

Quant Time: Jan 10 03:13:47 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)

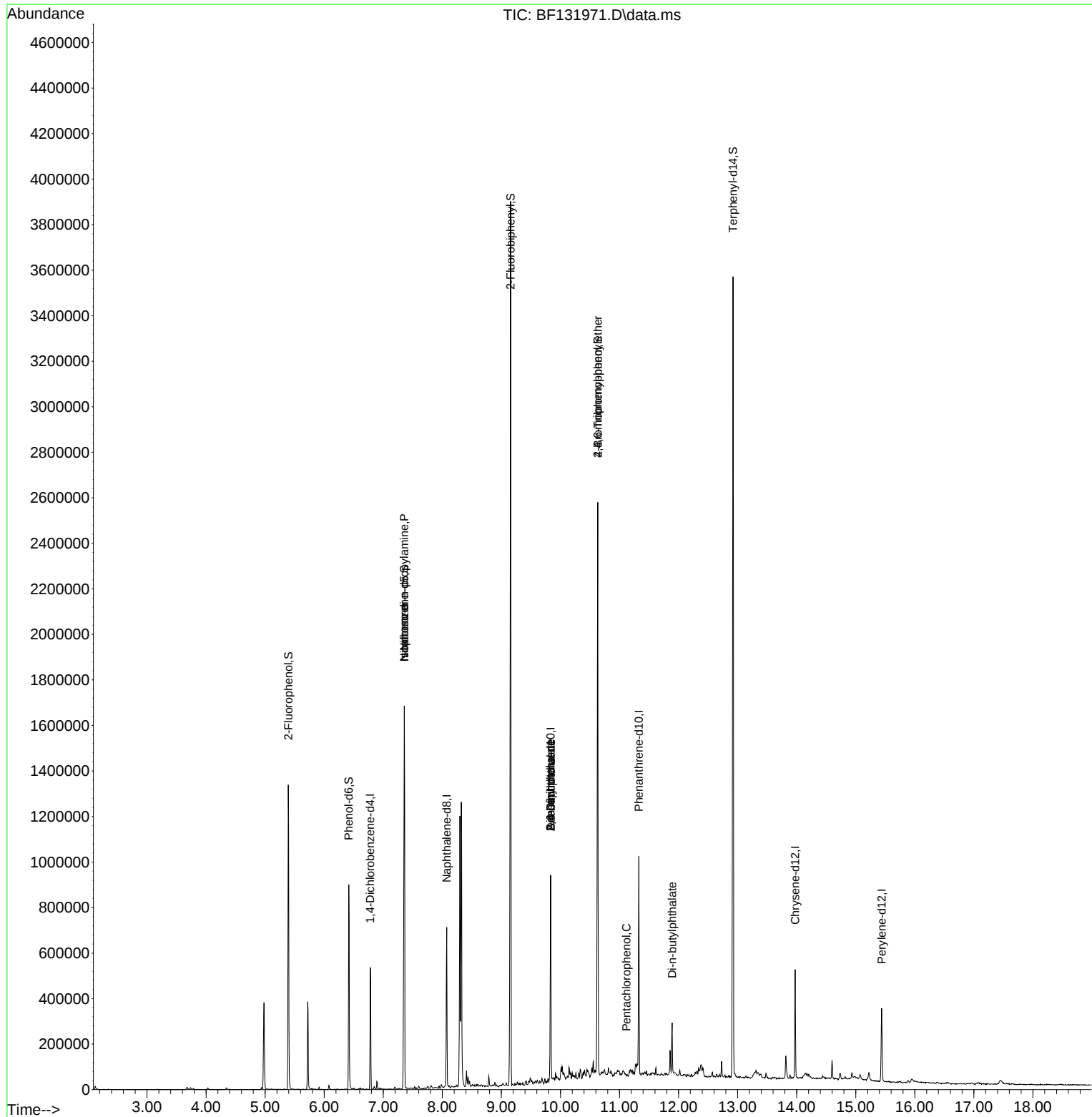
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74298	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	275115	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	163217	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	302284	20.000	ng	0.00
76) Chrysene-d12	13.974	240	142067	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	137345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	335408	74.387	ng	0.00
7) Phenol-d6	6.416	99	269308	45.047	ng	-0.02
23) Nitrobenzene-d5	7.357	82	660232	99.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	281045	149.760	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1162172	96.123	ng	0.00
79) Terphenyl-d14	12.921	244	1222189	123.303	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	93506	21.622	ng	# 77
25) Isophorone	7.357	82	653681	52.787	ng	# 69
50) Dimethylphthalate	9.833	163	33185	2.608	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	21250	7.941	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	21250	5.940	ng	# 15
67) 4-Bromophenyl-phenylether	10.633	248	19663	5.200	ng	# 1
70) Pentachlorophenol	11.116	266	60	4.386	ng	# 17
74) Di-n-butylphthalate	11.892	149	95944	5.130	ng	99

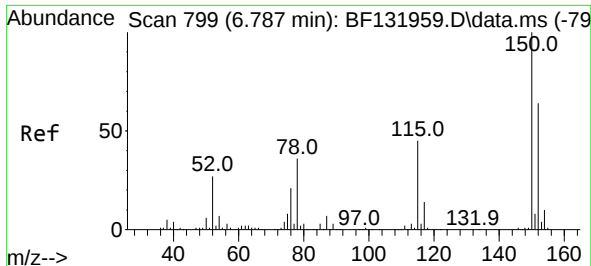
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP-SAMPLE-API-3

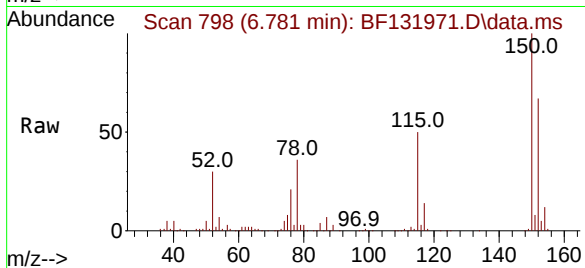
Quant Time: Jan 10 03:13:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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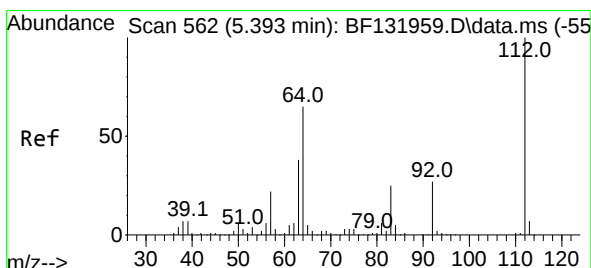
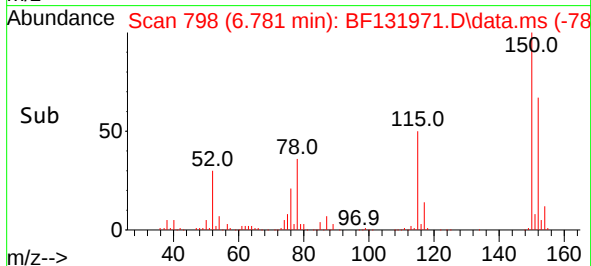
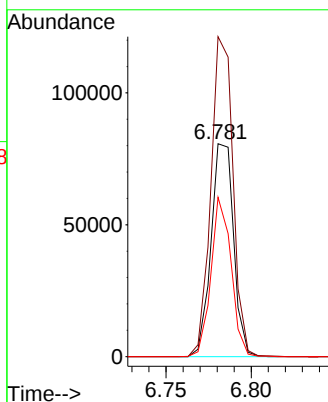


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

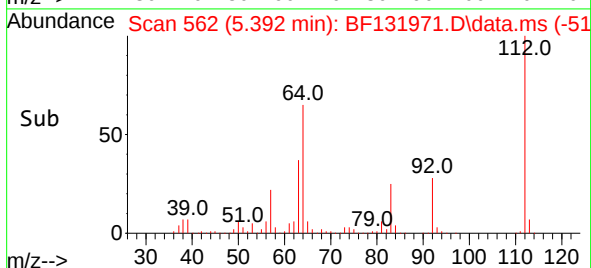
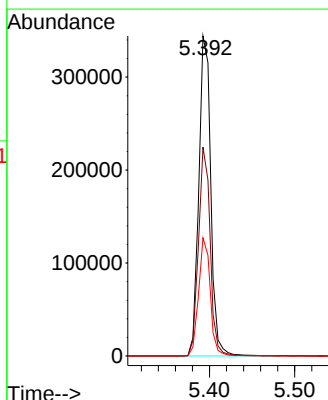
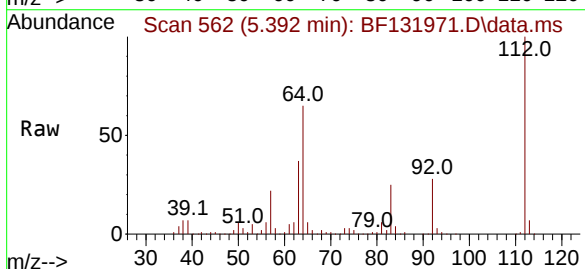


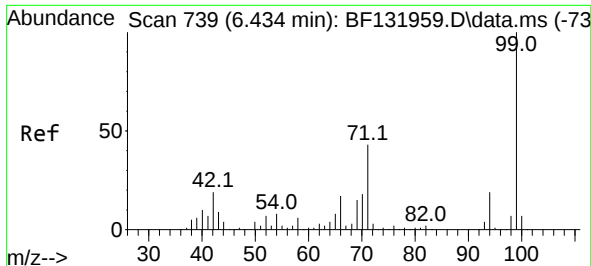
Tgt Ion:152 Resp: 74298
Ion Ratio Lower Upper
152 100
150 150.2 124.6 186.8
115 74.8 55.6 83.4



#5
2-Fluorophenol
Concen: 74.387 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion:112 Resp: 335408
Ion Ratio Lower Upper
112 100
64 65.3 51.9 77.9
63 36.9 30.2 45.2

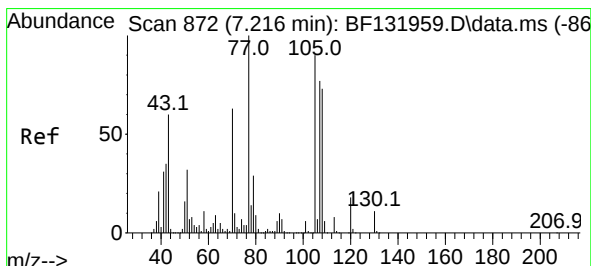
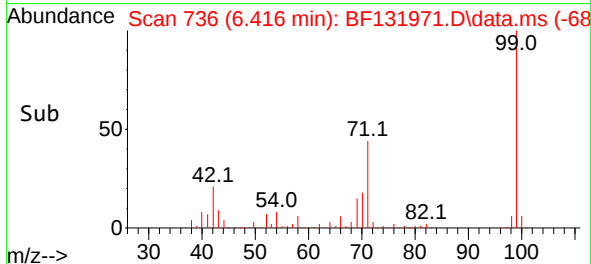
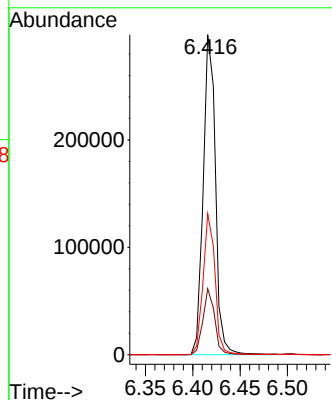
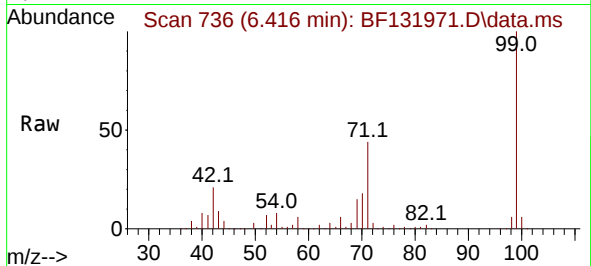




#7
Phenol-d6
Concen: 45.047 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

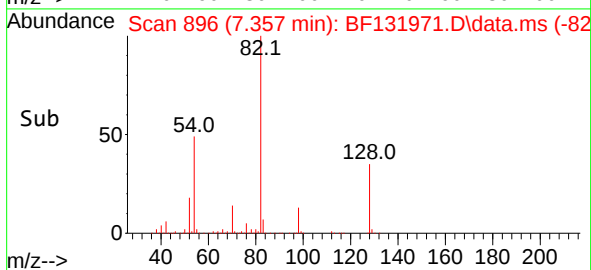
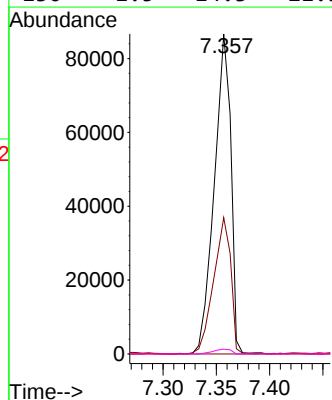
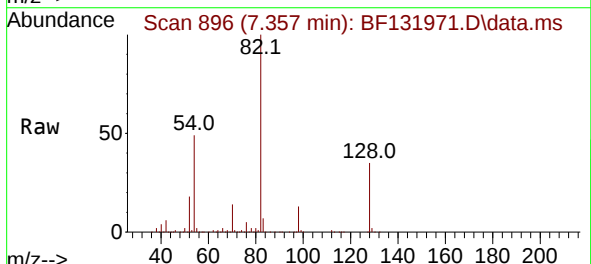
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BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

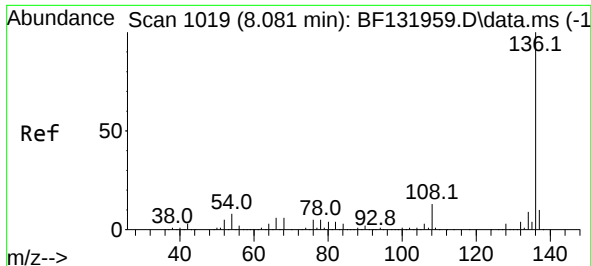
Tgt Ion: 99 Resp: 269308
Ion Ratio Lower Upper
99 100
42 20.6 15.4 23.2
71 44.1 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.622 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion: 70 Resp: 93506
Ion Ratio Lower Upper
70 100
42 42.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.5 14.3 21.5#

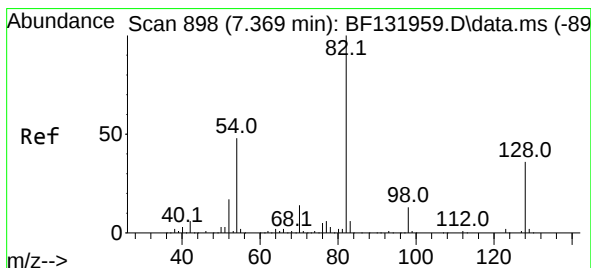
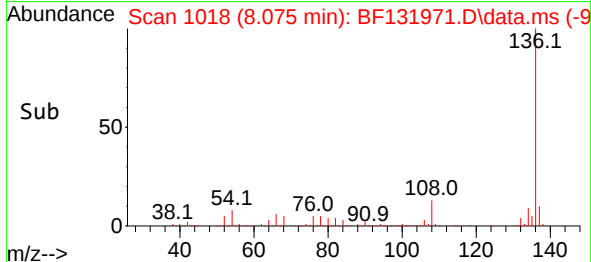
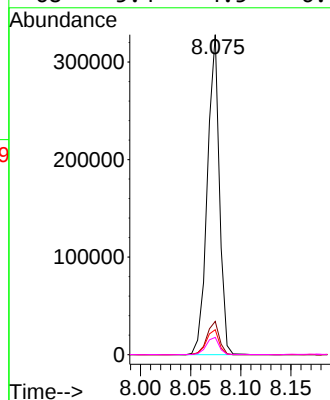
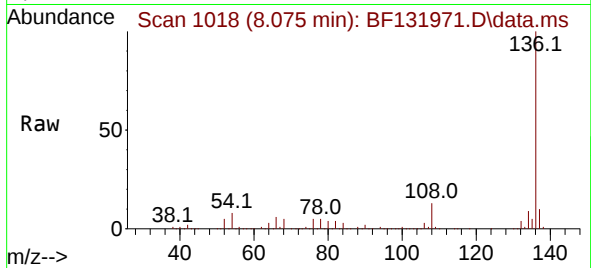




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

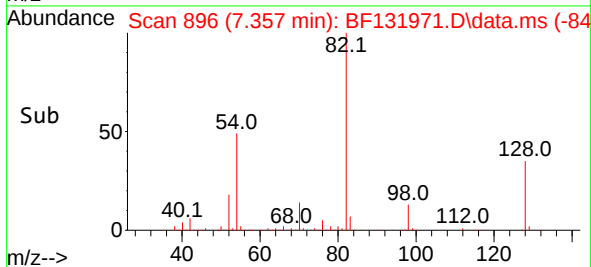
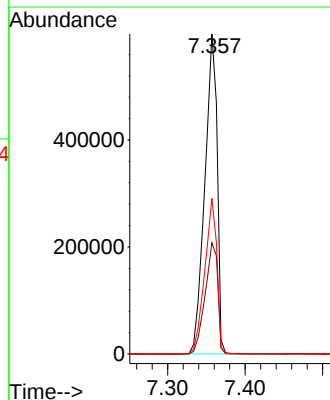
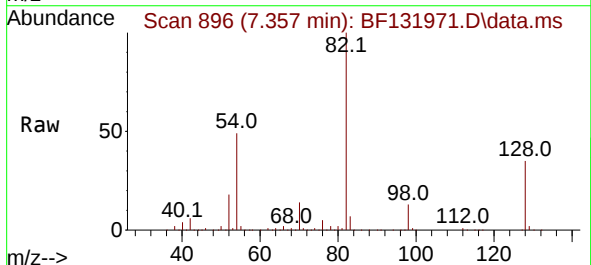
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

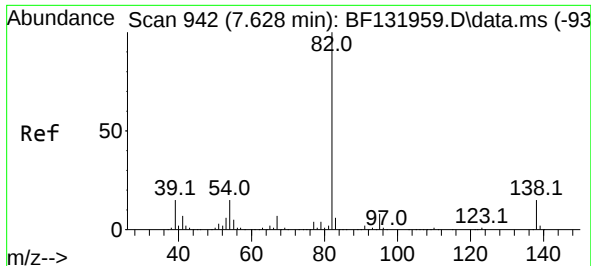
Tgt	Ion:136	Resp:	275115
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.8	6.6	9.8
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 99.602 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion: 82	Resp: 660232
Ion Ratio	Lower Upper
82 100	
128 34.8	28.7 43.1
54 48.6	38.1 57.1

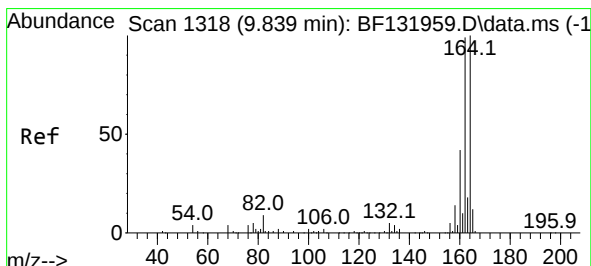
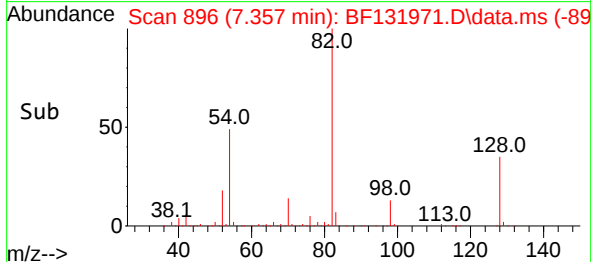
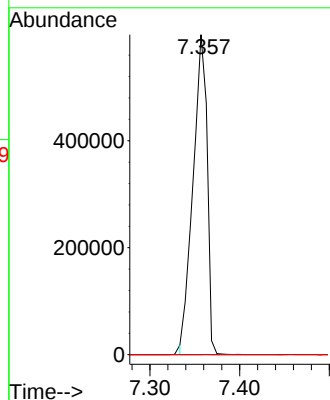
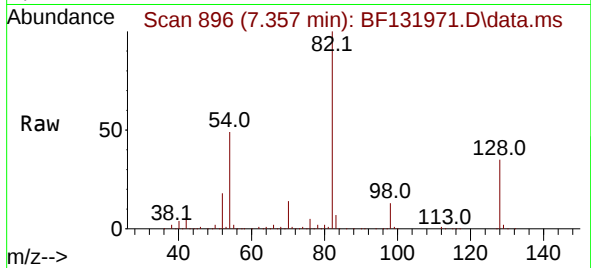




#25
Isophorone
Concen: 52.787 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

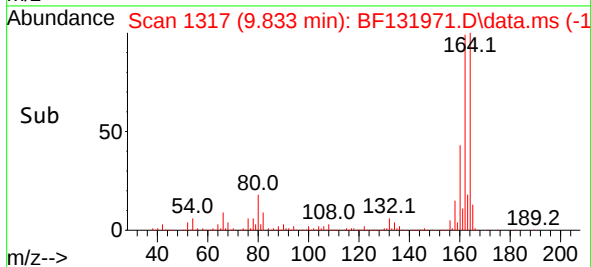
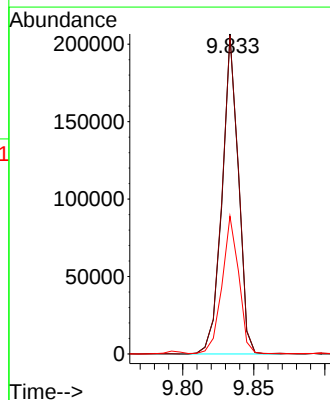
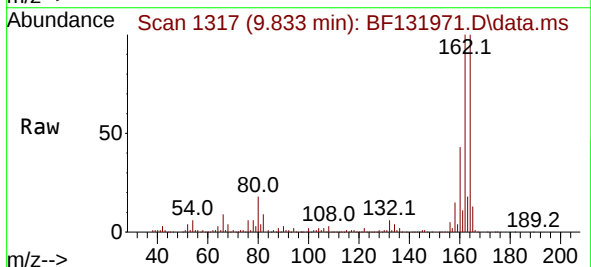
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

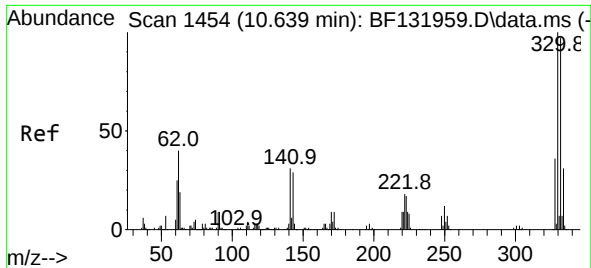
Tgt Ion: 82 Resp: 653681
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion:164 Resp: 163217
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.1 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 149.760 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF131971.D

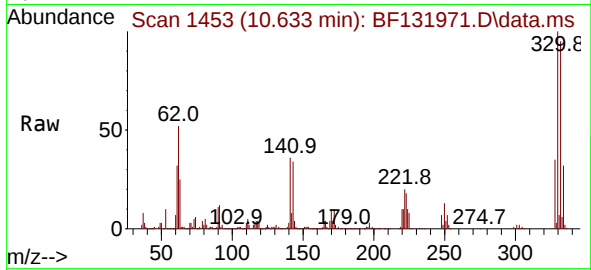
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Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-API-3



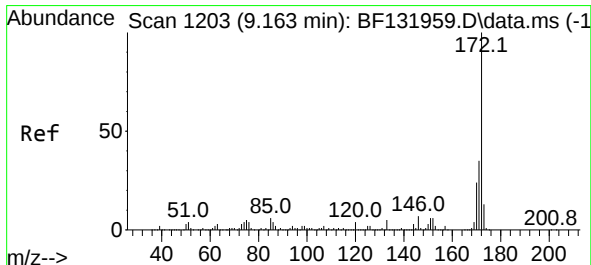
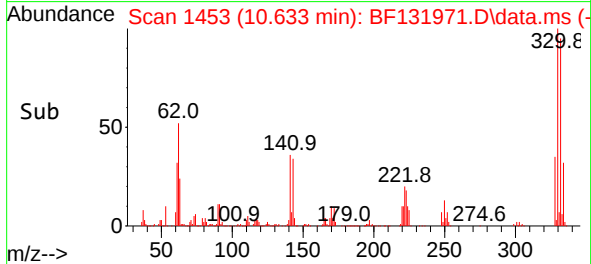
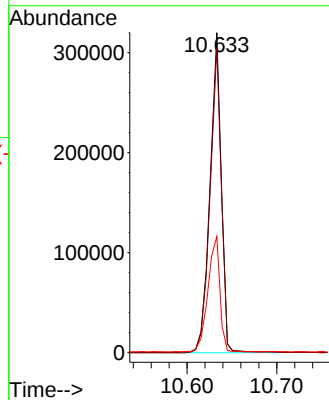
Tgt Ion:330 Resp: 281045

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 38.2 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 96.123 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF131971.D

Acq: 09 Jan 2023 19:29

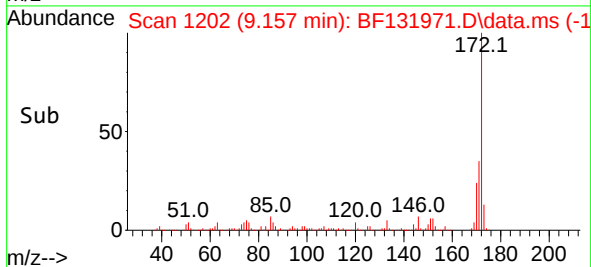
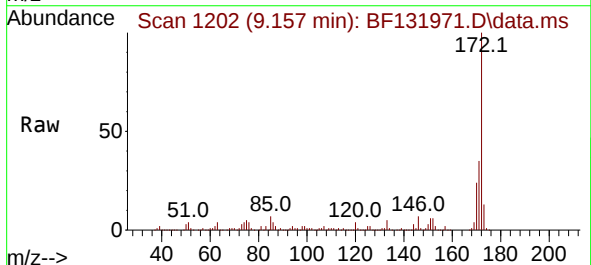
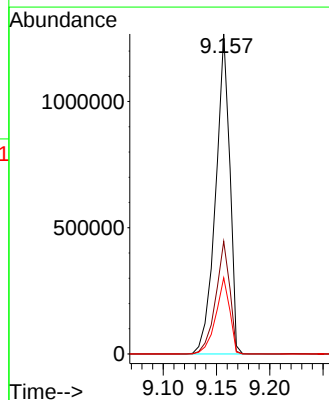
Tgt Ion:172 Resp: 1162172

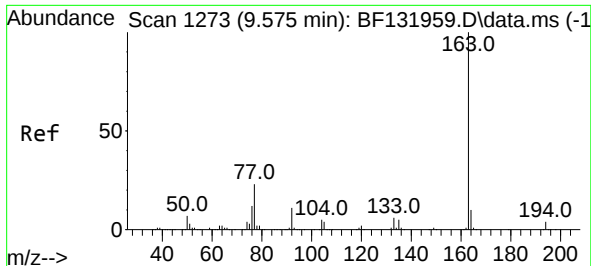
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.8 18.9 28.3

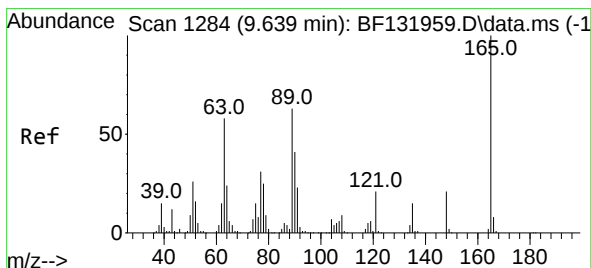
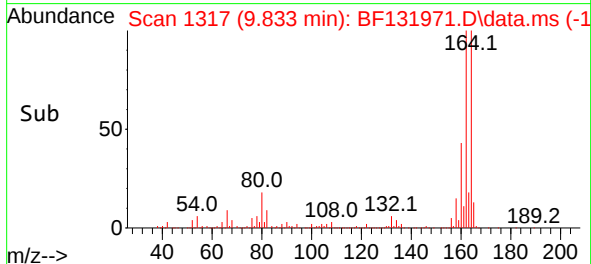
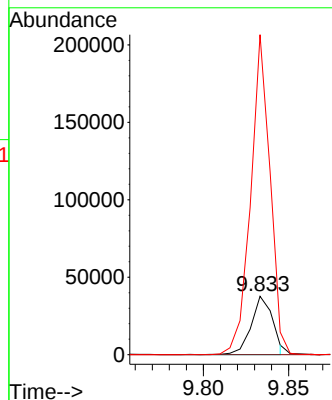
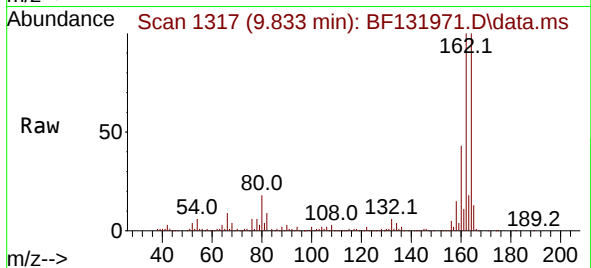




#50
Dimethylphthalate
Concen: 2.608 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.258 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

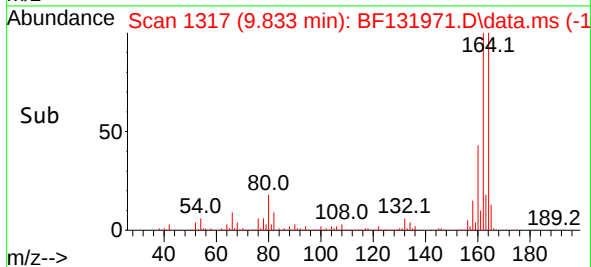
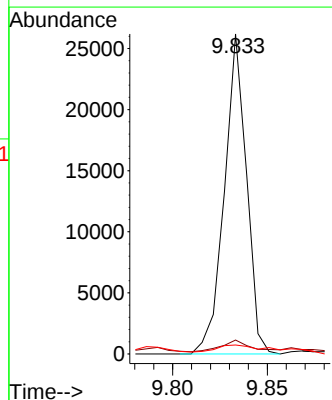
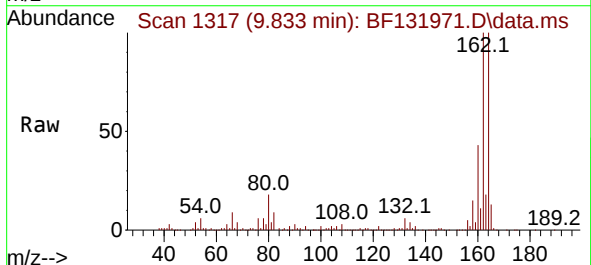
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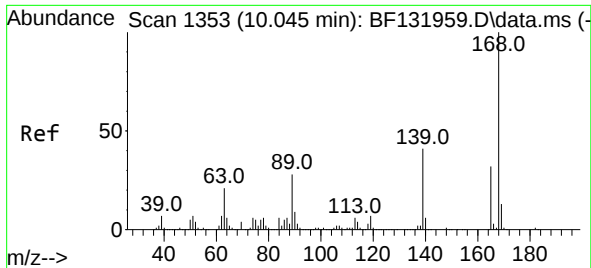
Tgt Ion:163 Resp: 33185
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 547.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

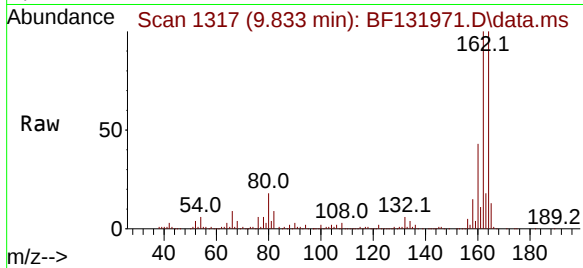
Tgt Ion:165 Resp: 21250
Ion Ratio Lower Upper
165 100
63 4.3 47.4 71.0#
89 2.8 50.2 75.2#



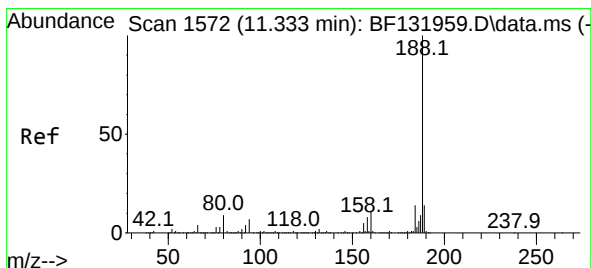
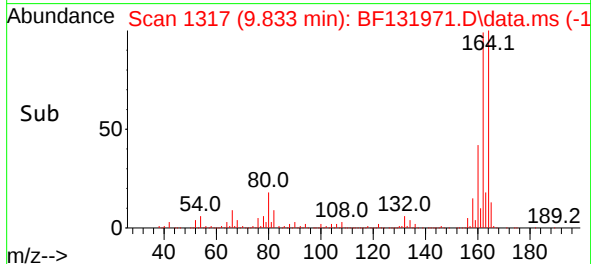
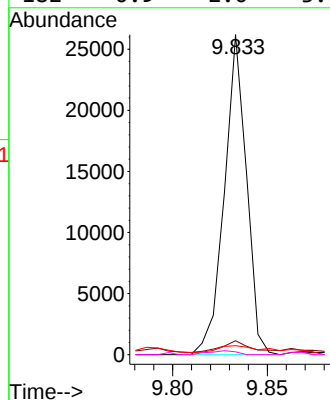


#57
2,4-Dinitrotoluene
Concen: 5.940 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

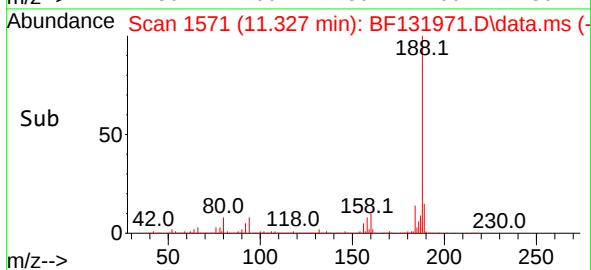
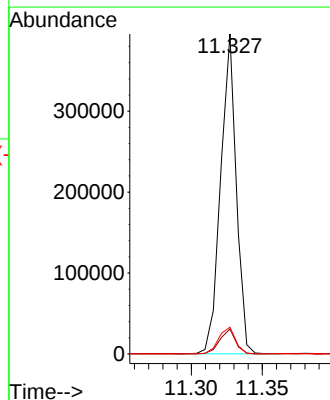
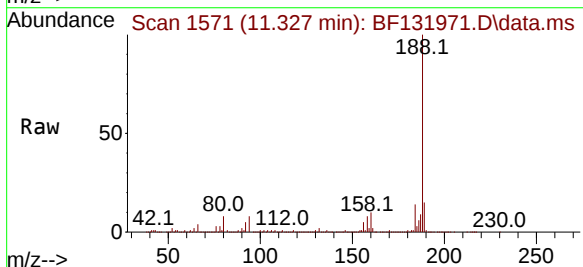


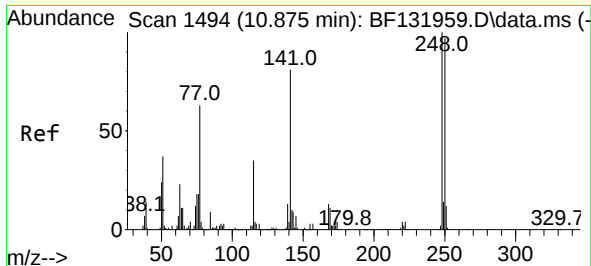
Tgt Ion:165 Resp: 21250
Ion Ratio Lower Upper
165 100
63 4.3 53.2 79.8#
89 2.8 71.2 106.8#
182 0.9 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion:188 Resp: 302284
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 8.3 7.4 11.0

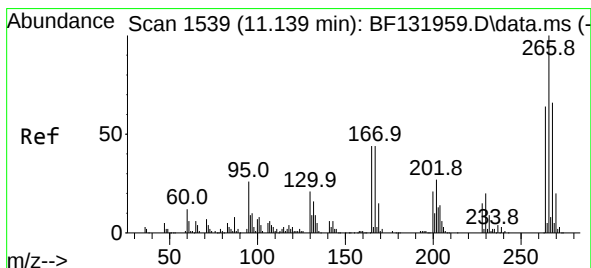
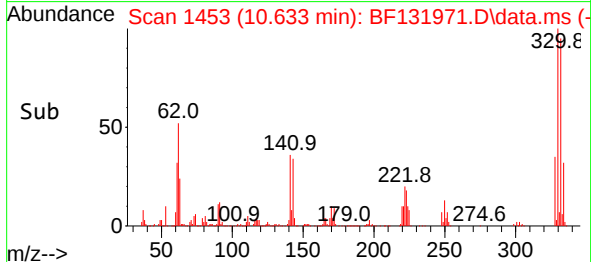
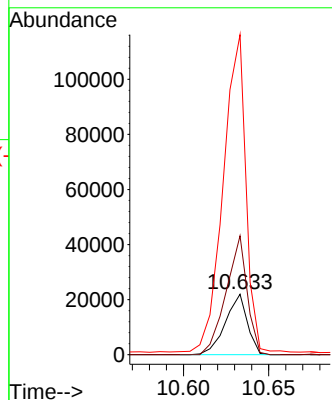
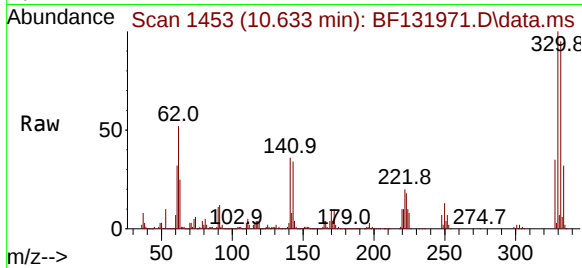




#67
4-Bromophenyl-phenylether
Concen: 5.200 ng
RT: 10.633 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

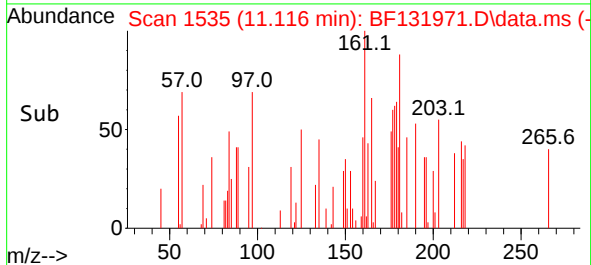
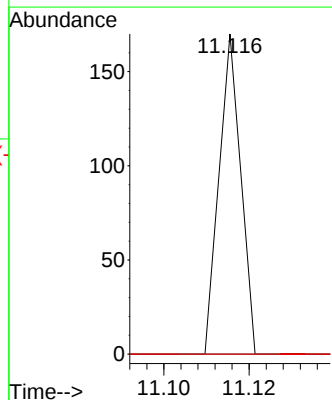
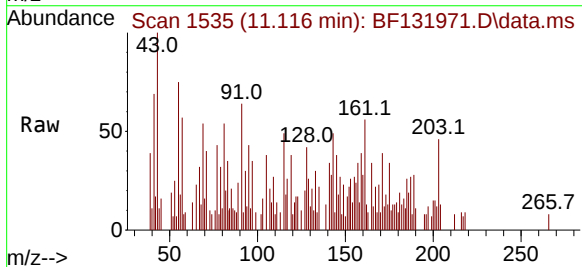
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-API-3

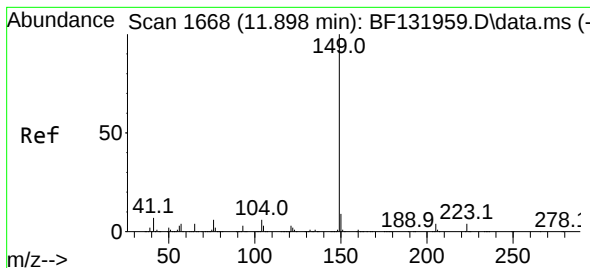
Tgt Ion:248 Resp: 19663
Ion Ratio Lower Upper
248 100
250 196.5 77.4 116.2#
141 529.1 65.0 97.6#



#70
Pentachlorophenol
Concen: 4.386 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.023 min
Lab File: BF131971.D
Acq: 09 Jan 2023 19:29

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 52.7 79.1#
264 0.0 51.6 77.4#





#74

Di-n-butylphthalate

Concen: 5.130 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131971.D

Acq: 09 Jan 2023 19:29

Instrument :

BNA_F

ClientSampleId :

COMP-SAMPLE-API-3

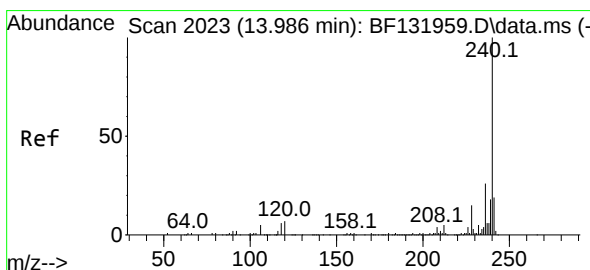
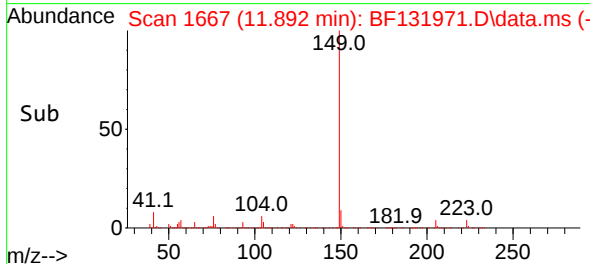
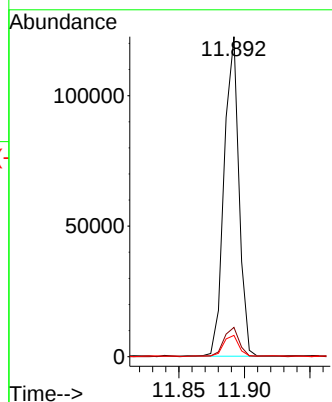
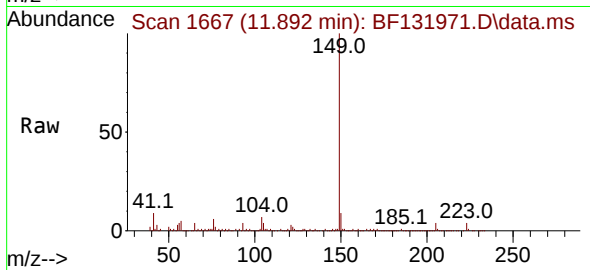
Tgt Ion:149 Resp: 95944

Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 6.6 5.0 7.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF131971.D

Acq: 09 Jan 2023 19:29

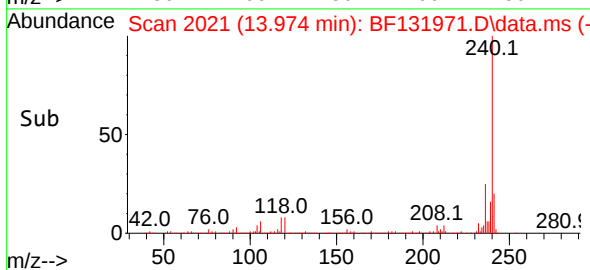
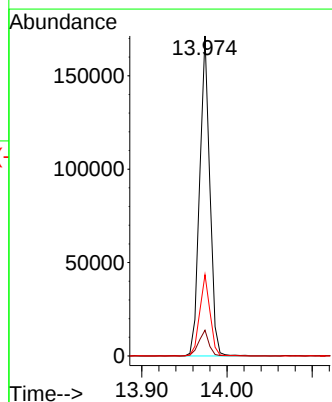
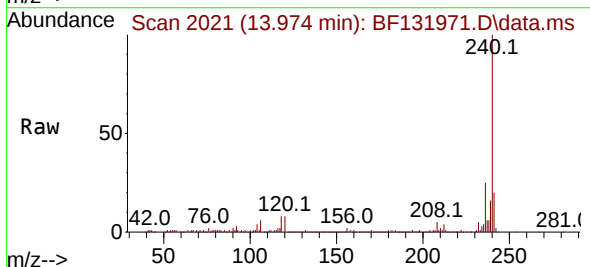
Tgt Ion:240 Resp: 142067

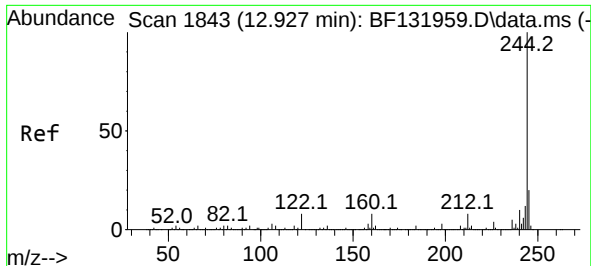
Ion Ratio Lower Upper

240 100

120 8.1 5.4 8.0#

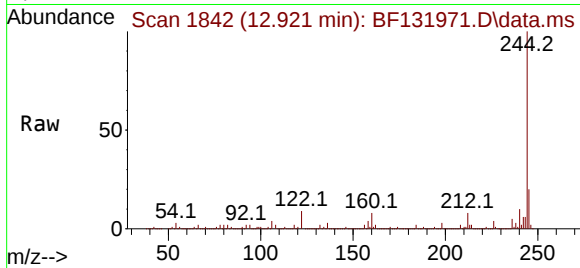
236 25.4 21.1 31.7



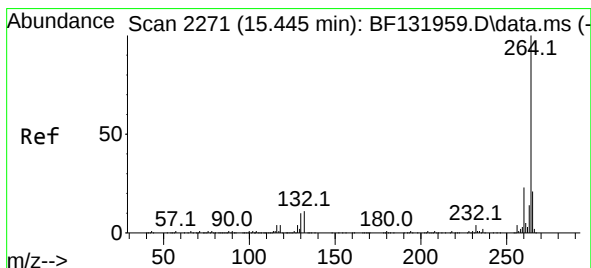
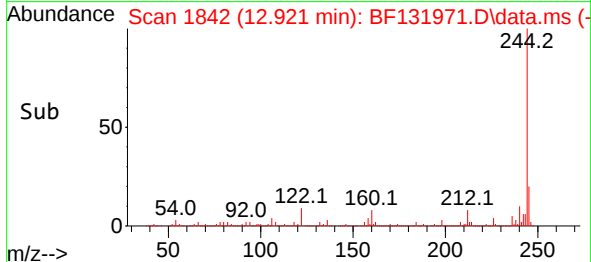
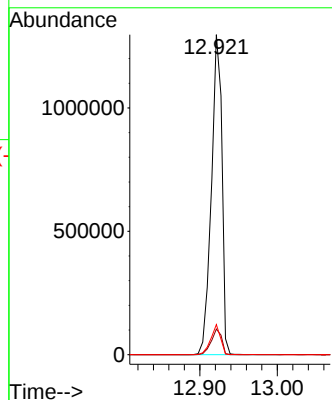


#79
 Terphenyl-d14
 Concen: 123.303 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131971.D
 Acq: 09 Jan 2023 19:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-API-3



Tgt Ion:244 Resp: 1222189
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131971.D
 Acq: 09 Jan 2023 19:29

Tgt Ion:264 Resp: 137345
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.3 16.9 25.3

