

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016459.D
 Acq On : 01 Aug 2023 16:46
 Operator : MA/JU
 Sample : 03715-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T842-FH-02-CT

Quant Time: Aug 01 17:15:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

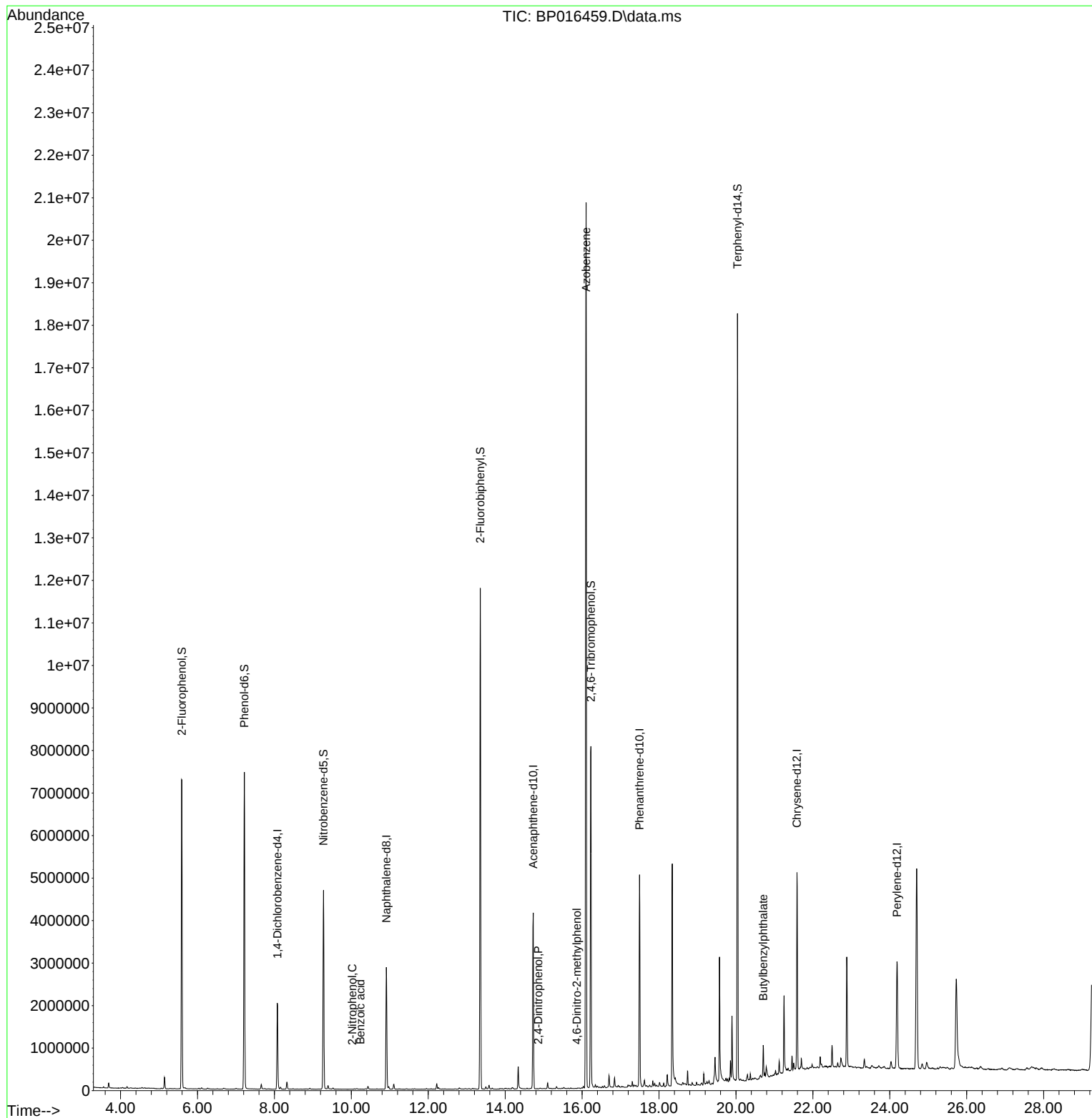
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	542767	20.000	ng	-0.02
21) Naphthalene-d8	10.910	136	2342223	20.000	ng	-0.02
39) Acenaphthene-d10	14.728	164	1356351	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2851904	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2152878	20.000	ng	# 0.00
86) Perylene-d12	24.186	264	2014711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3405392	102.357	ng	-0.01
7) Phenol-d6	7.216	99	4562668	100.054	ng	-0.01
23) Nitrobenzene-d5	9.275	82	2692601	64.352	ng	-0.02
42) 2,4,6-Tribromophenol	16.228	330	1582833	79.324	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	6030771	63.746	ng	-0.01
79) Terphenyl-d14	20.039	244	8516544	83.565	ng	0.00
Target Compounds						
9) Benzaldehyde	7.228	77	27948	Below Cal	Qvalue	# 76
26) 2-Nitrophenol	10.028	139	81	3.130	ng	# 1
32) Benzoic acid	10.234	122	315	6.297	ng	# 1
54) 2,4-Dinitrophenol	14.857	184	98	8.010	ng	# 1
63) Azobenzene	16.104	77	6502070	65.558	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.863	198	24	6.303	ng	# 1
80) Butylbenzylphthalate	20.710	149	185219	3.267	ng	89

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

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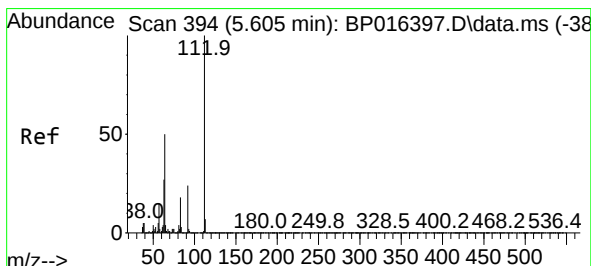
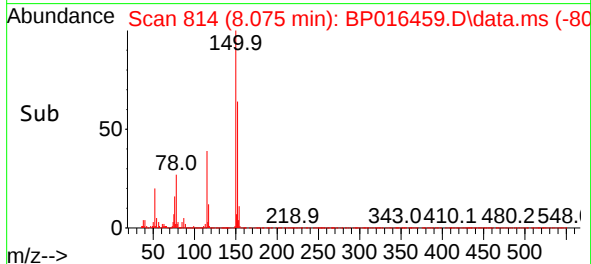
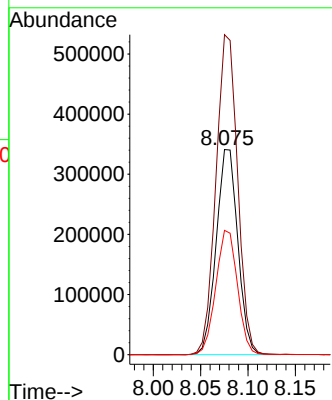
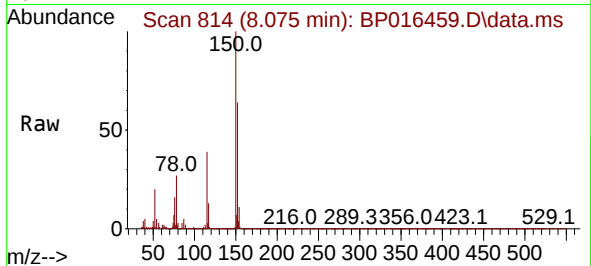




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

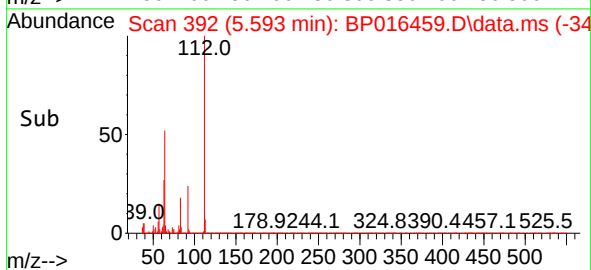
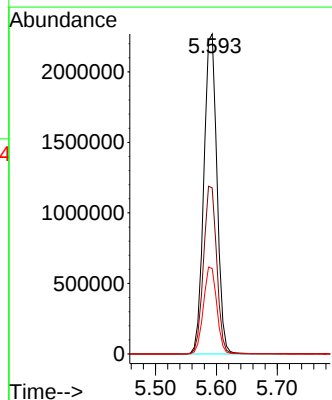
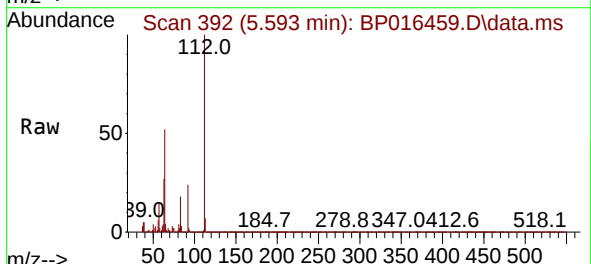
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-CT

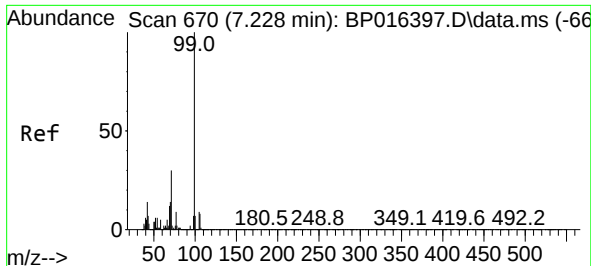
Tgt Ion:152 Resp: 542767
Ion Ratio Lower Upper
152 100
150 156.0 124.9 187.3
115 60.6 46.8 70.2



#5
2-Fluorophenol
Concen: 102.357 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.012 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:112 Resp: 3405392
Ion Ratio Lower Upper
112 100
64 51.9 40.0 60.0
63 26.7 21.2 31.8

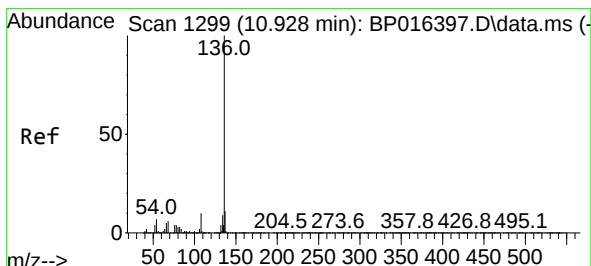
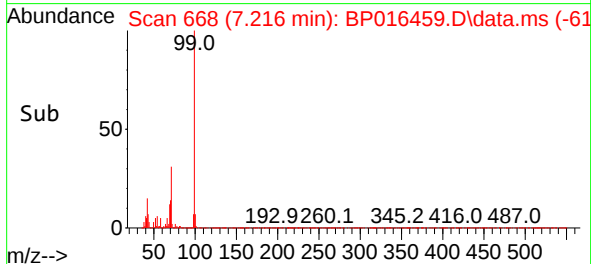
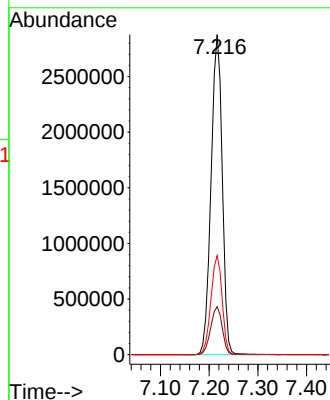
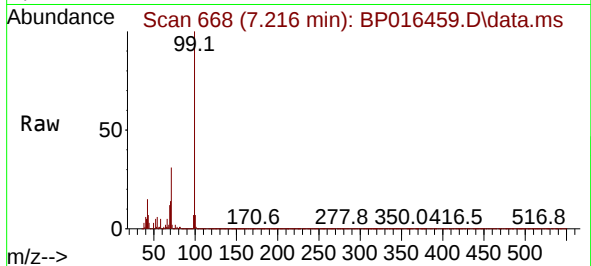




#7
Phenol-d6
Concen: 100.054 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

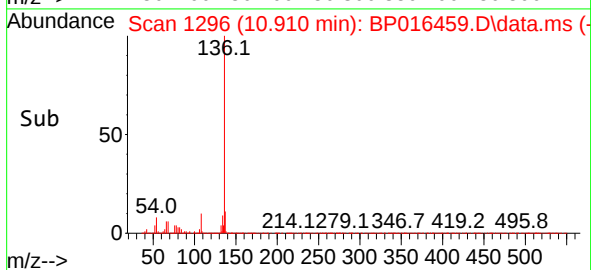
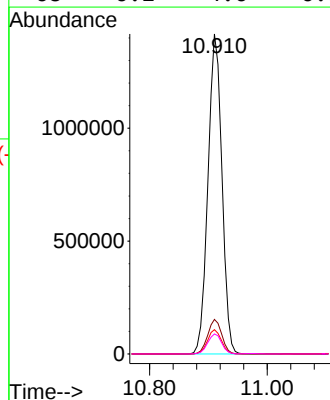
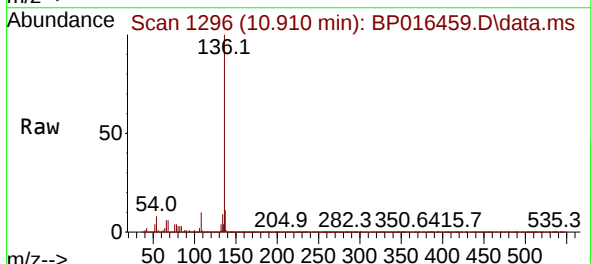
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-CT

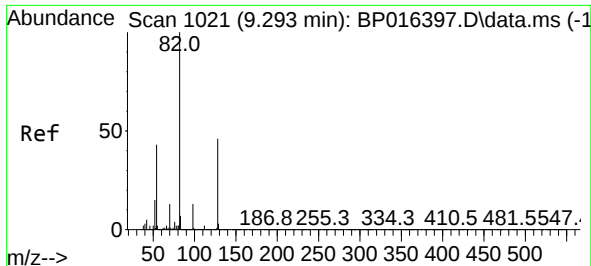
Tgt Ion: 99 Resp: 4562668
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 31.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1296
Delta R.T. -0.018 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:136 Resp: 2342223
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.6 5.6 8.4
68 6.2 4.6 6.8

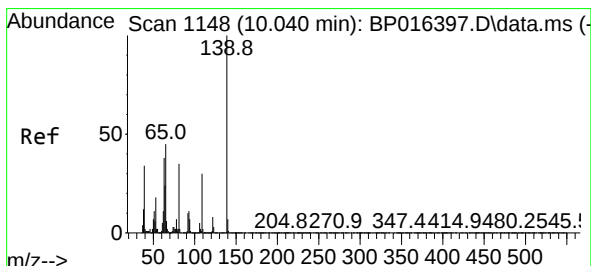
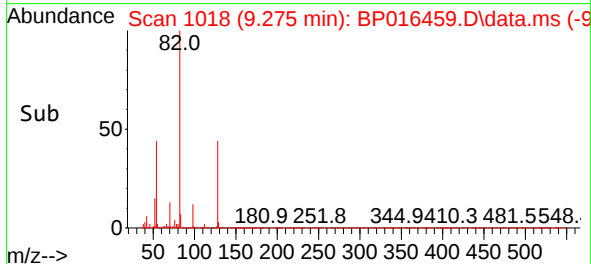
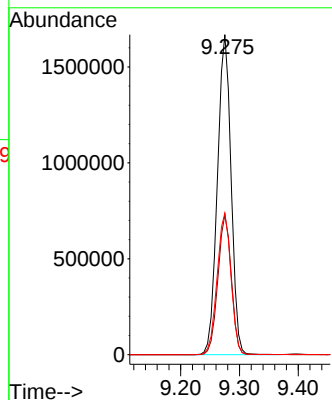
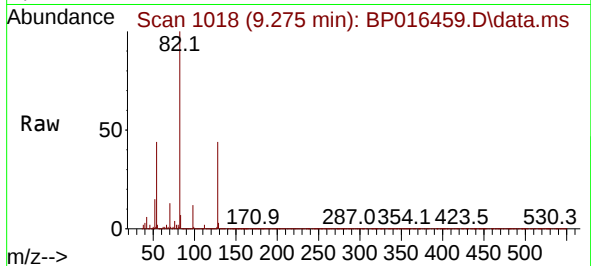




#23
Nitrobenzene-d5
Concen: 64.352 ng
RT: 9.275 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

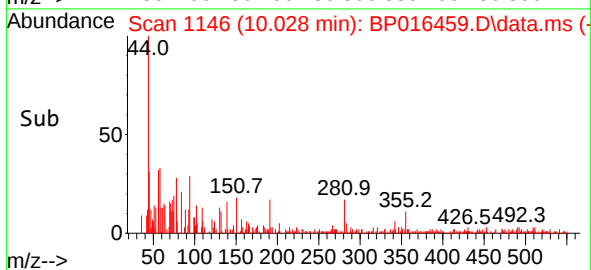
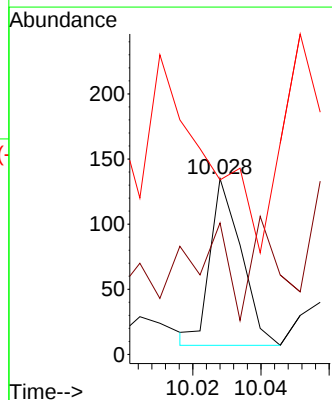
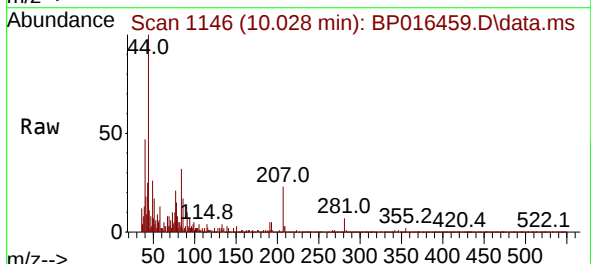
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-CT

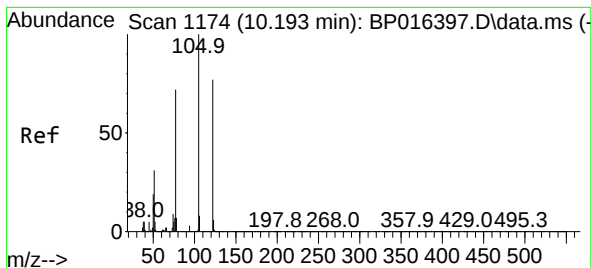
Tgt Ion: 82 Resp: 2692601
Ion Ratio Lower Upper
82 100
128 43.7 36.6 55.0
54 44.2 34.5 51.7



#26
2-Nitrophenol
Concen: 3.130 ng
RT: 10.028 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion: 139 Resp: 81
Ion Ratio Lower Upper
139 100
109 107.4 24.2 36.4#
65 99.3 35.8 53.6#

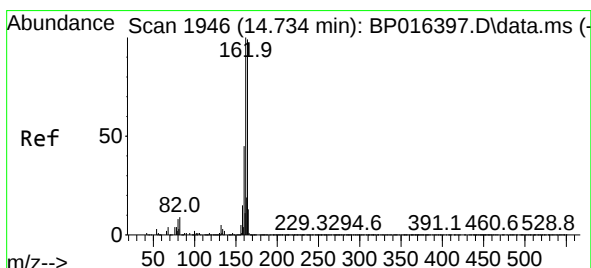
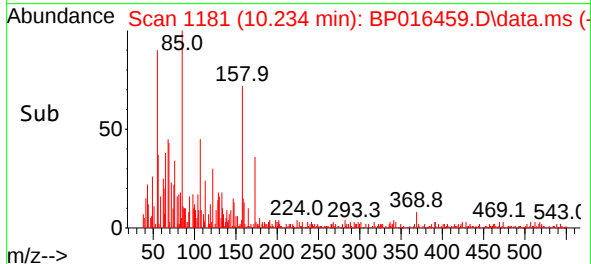
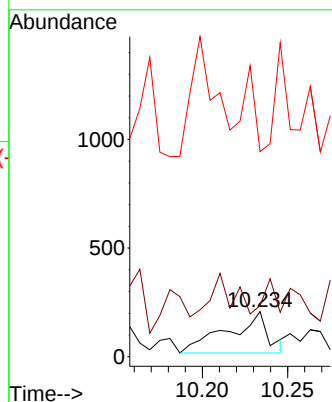
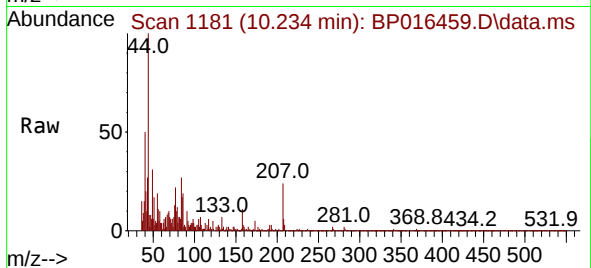




#32
Benzoic acid
Concen: 6.297 ng
RT: 10.234 min Scan# 1174
Delta R.T. 0.041 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

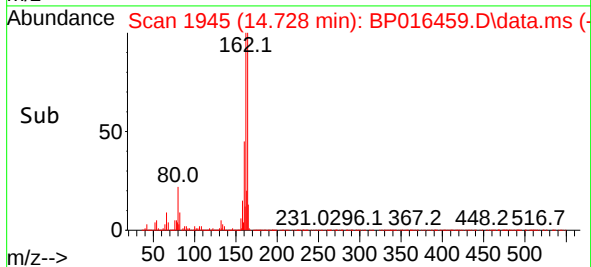
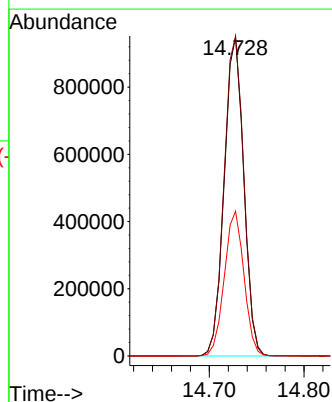
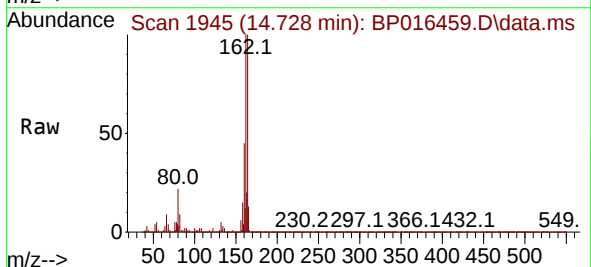
Instrument :
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ClientSampleId :
T842-FH-02-CT

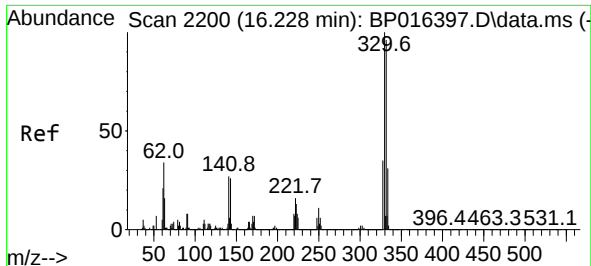
Tgt Ion:122 Resp: 315
Ion Ratio Lower Upper
122 100
105 113.0 105.2 145.2
77 453.8 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:164 Resp: 1356351
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 45.4 36.6 55.0

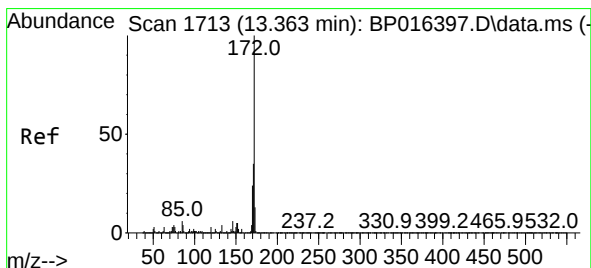
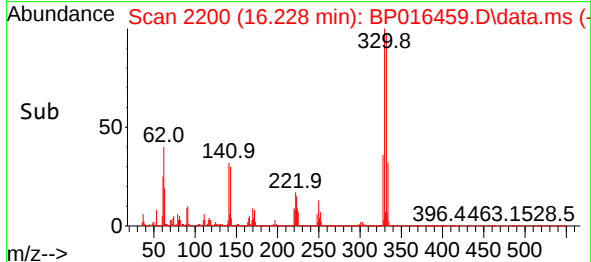
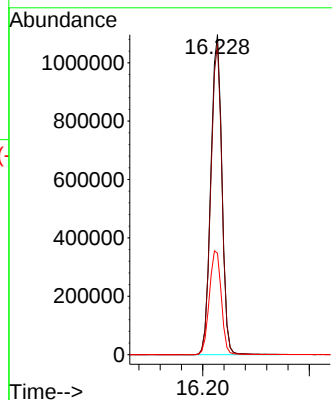
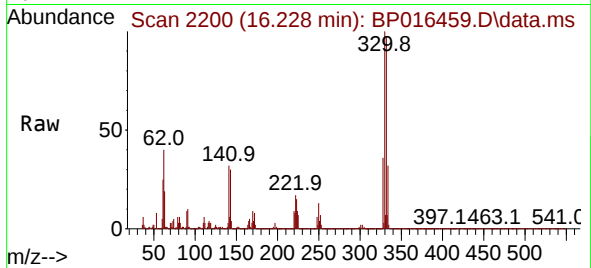




#42
2,4,6-Tribromophenol
Concen: 79.324 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

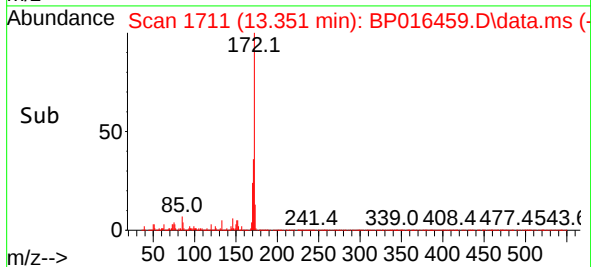
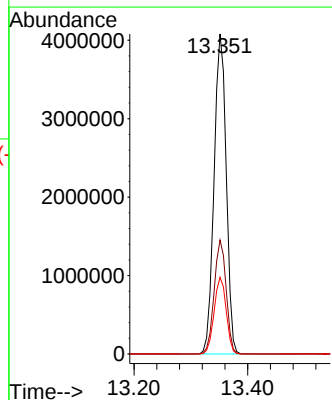
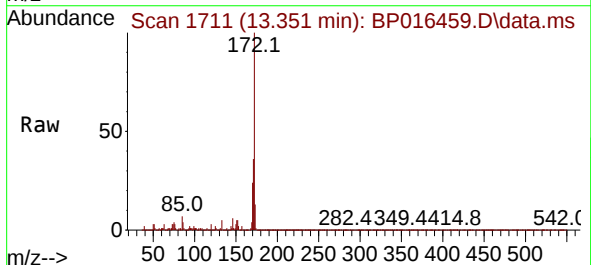
Instrument :
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T842-FH-02-CT

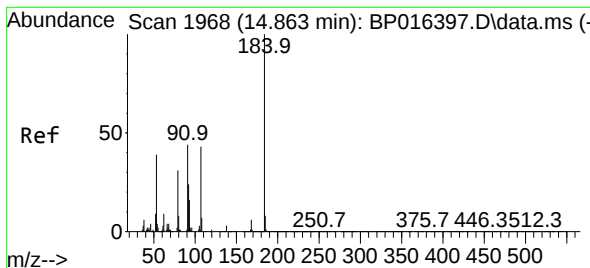
Tgt Ion:330 Resp: 1582833
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 34.8 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 63.746 ng
RT: 13.351 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:172 Resp: 6030771
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.0 19.1 28.7

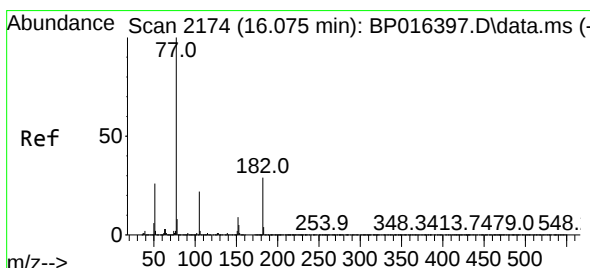
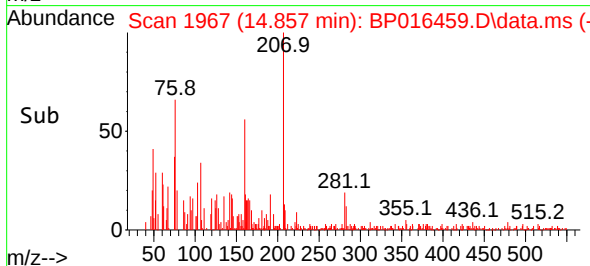
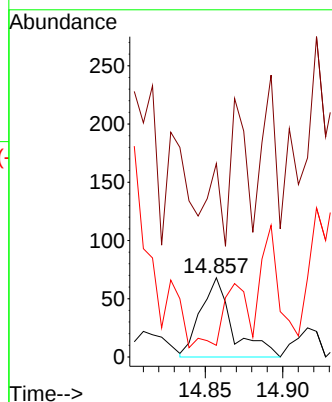
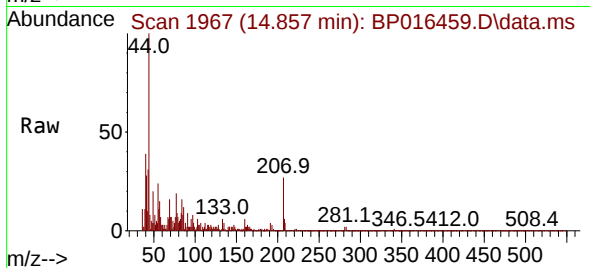




#54
2,4-Dinitrophenol
Concen: 8.010 ng
RT: 14.857 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

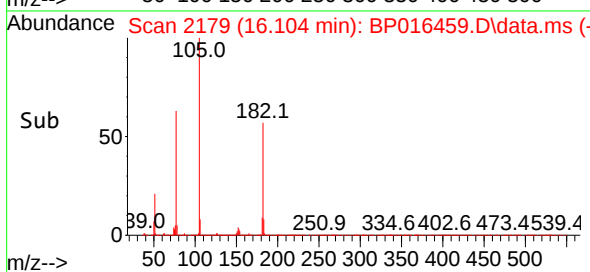
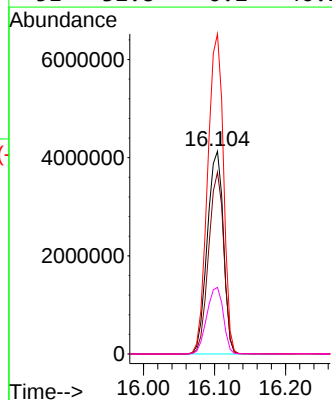
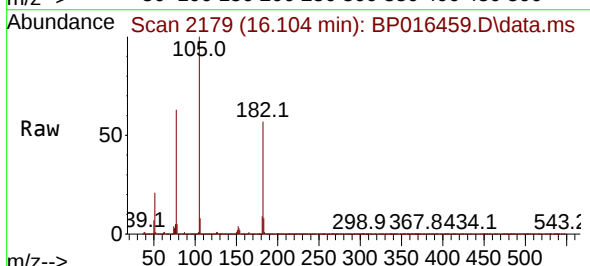
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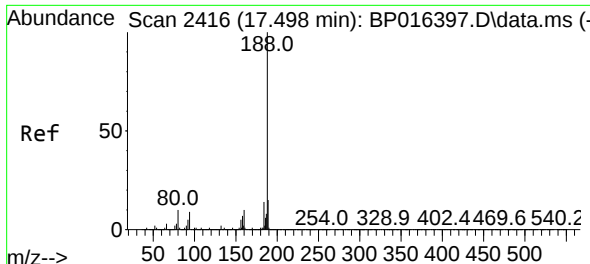
Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
63 244.1 48.2 72.4#
154 14.7 49.6 74.4#



#63
Azobenzene
Concen: 65.558 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.029 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion: 77 Resp: 6502070
Ion Ratio Lower Upper
77 100
182 89.7 8.6 48.6#
105 157.9 2.4 42.4#
51 32.8 6.2 46.2

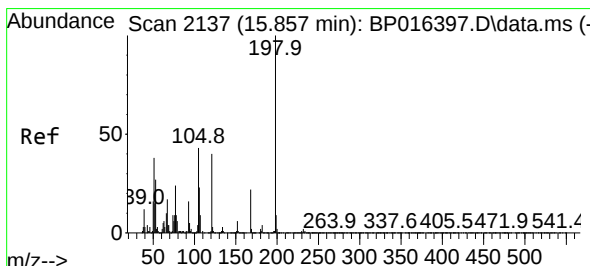
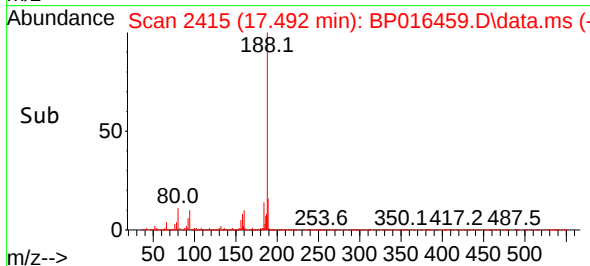
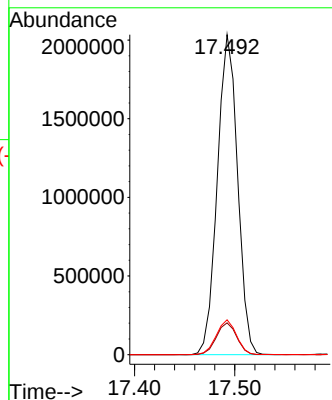
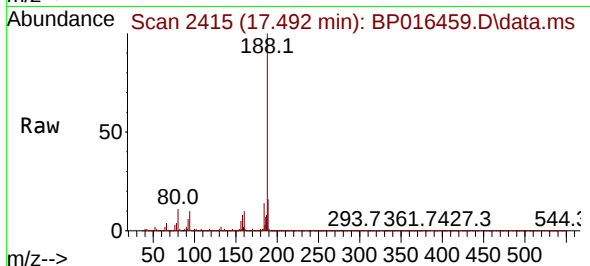




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

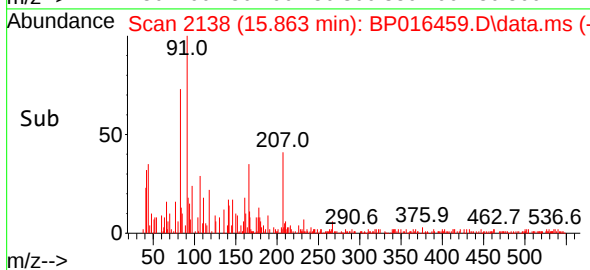
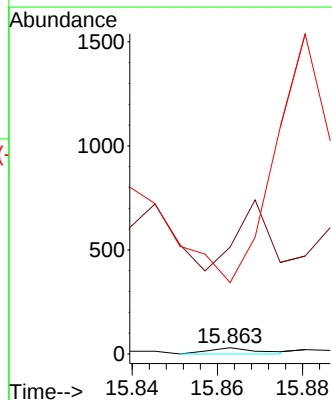
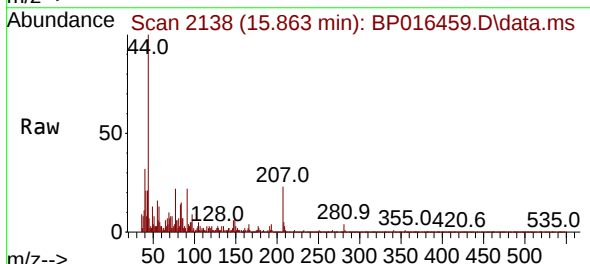
Instrument :
BNA_P
ClientSampleId :
T842-FH-02-CT

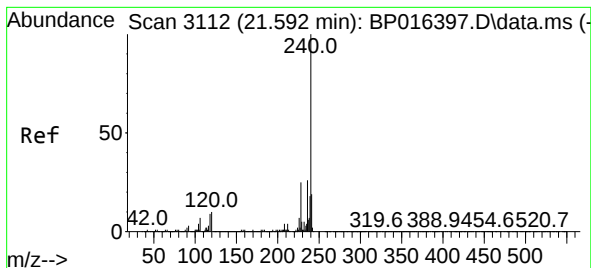
Tgt Ion:188 Resp: 2851904
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.9 7.8 11.8



#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1713.3 20.1 60.1#
105 1143.3 23.1 63.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP016459.D

Acq: 01 Aug 2023 16:46

Instrument :

BNA_P

ClientSampleId :

T842-FH-02-CT

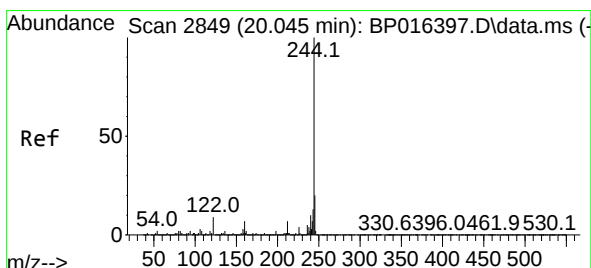
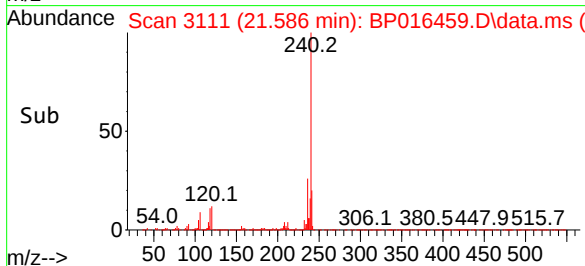
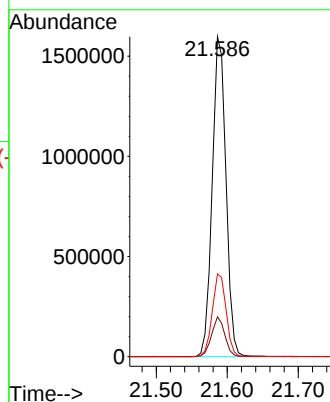
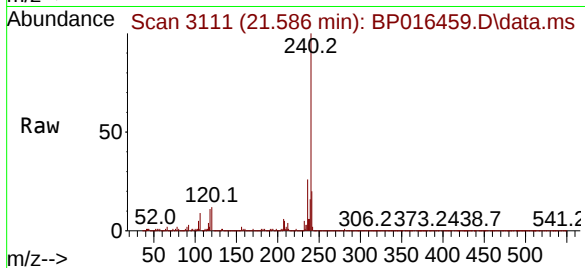
Tgt Ion:240 Resp: 2152878

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

236 25.9 21.1 31.7



#79

Terphenyl-d14

Concen: 83.565 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016459.D

Acq: 01 Aug 2023 16:46

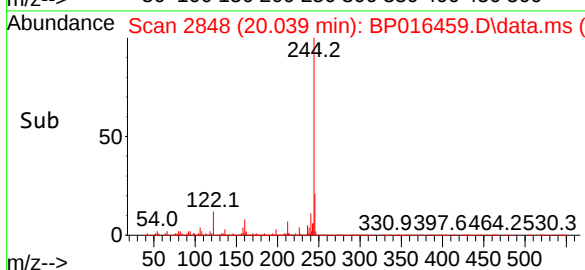
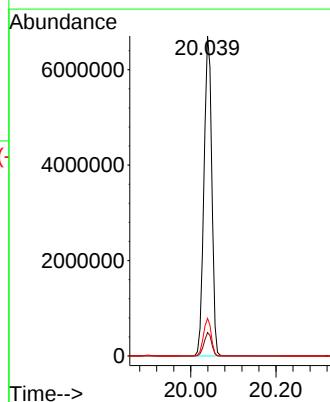
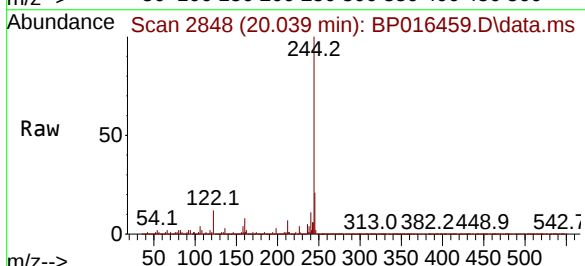
Tgt Ion:244 Resp: 8516544

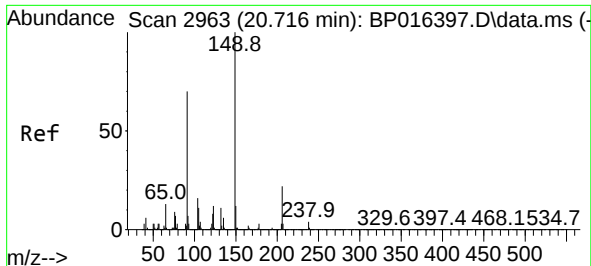
Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.8 7.4 11.2#

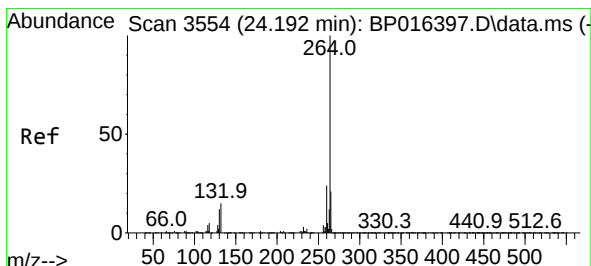
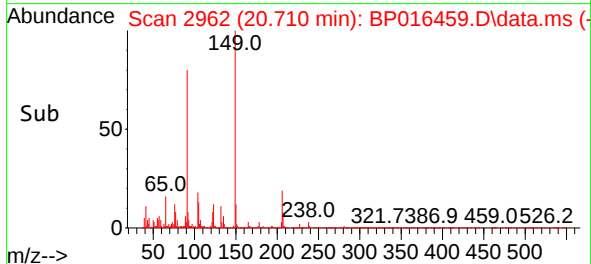
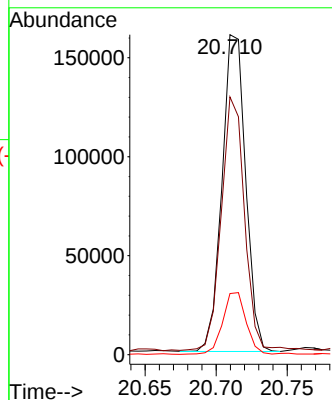
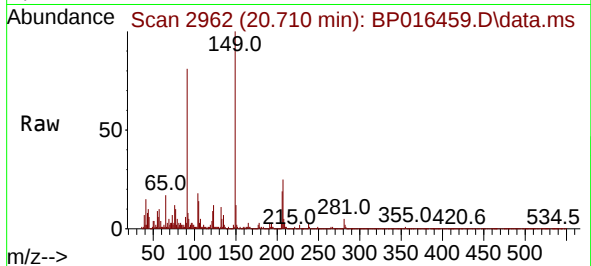




#80
Butylbenzylphthalate
Concen: 3.267 ng
RT: 20.710 min Scan# 2963
Delta R.T. -0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Instrument :
BNA_P
ClientSampleId :
T842-FH-02-CT

Tgt Ion:149 Resp: 185219
Ion Ratio Lower Upper
149 100
91 80.5 56.1 84.1
206 19.1 17.8 26.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.186 min Scan# 3553
Delta R.T. -0.006 min
Lab File: BP016459.D
Acq: 01 Aug 2023 16:46

Tgt Ion:264 Resp: 2014711
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.2 17.4 26.0

