

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012643.D
 Acq On : 13 Nov 2022 04:48
 Operator : CG/JU
 Sample : N5431-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:27:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

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

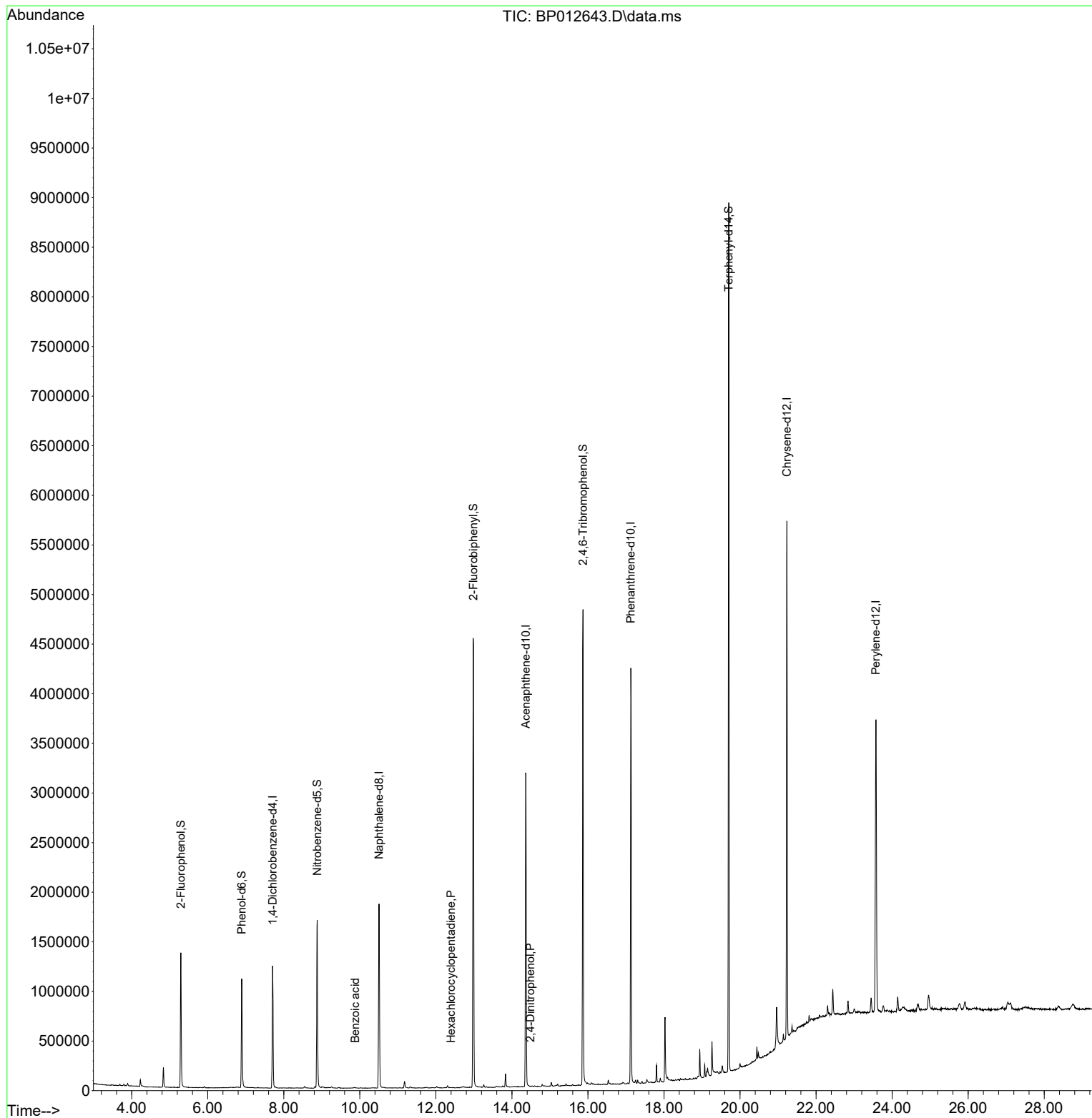
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	352836	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1572244	20.000	ng	-0.01
39) Acenaphthene-d10	14.363	164	1122919	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	2513083	20.000	ng	-0.02
76) Chrysene-d12	21.233	240	2525424	20.000	ng	-0.01
86) Perylene-d12	23.574	264	2305957	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	616399	32.530	ng	0.00
7) Phenol-d6	6.893	99	690137	26.239	ng	-0.02
23) Nitrobenzene-d5	8.881	82	1017168	35.892	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	1000592	65.273	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2473710	33.442	ng	-0.01
79) Terphenyl-d14	19.704	244	4316345	34.626	ng	-0.01
Target Compounds						
32) Benzoic acid	9.875	122	167	5.020	ng	# 13
41) Hexachlorocyclopentadiene	12.398	237	19	5.153	ng	80
54) 2,4-Dinitrophenol	14.487	184	12	4.841	ng	# 1

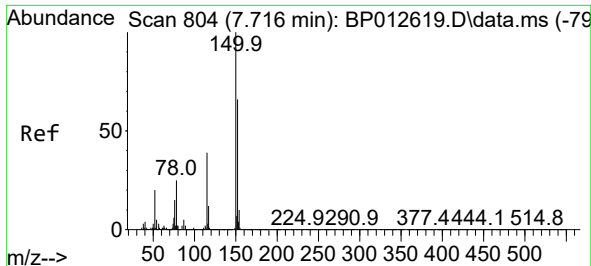
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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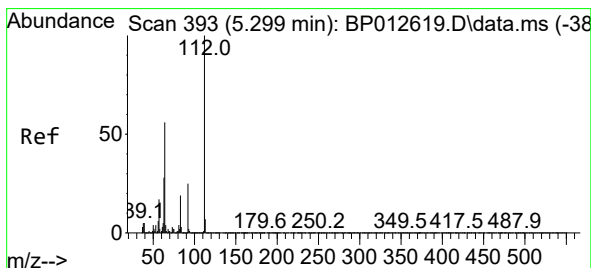
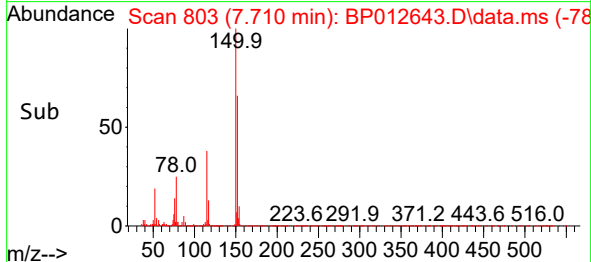
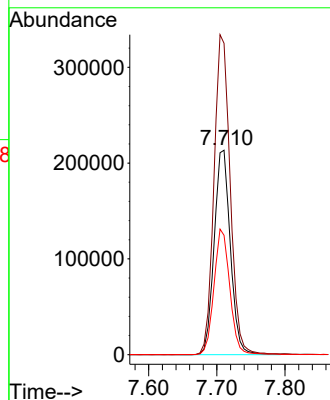
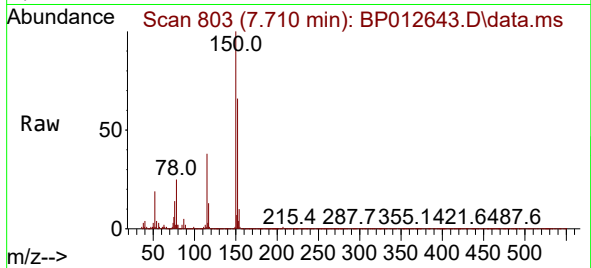




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

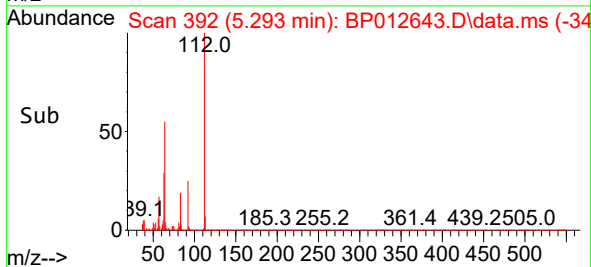
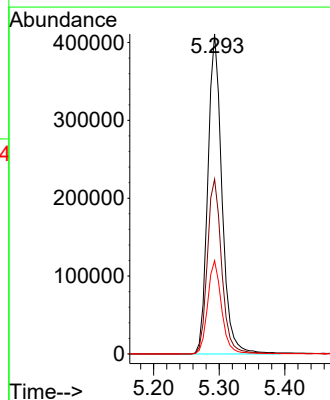
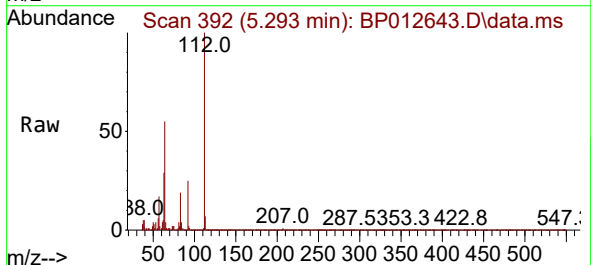
Instrument :
BNA_P
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

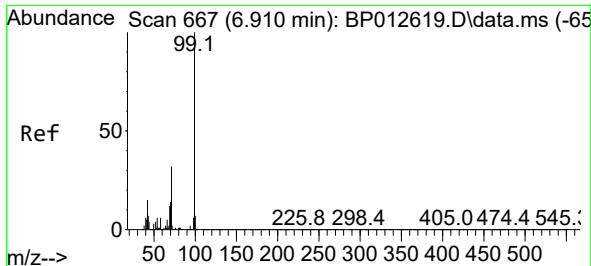
Tgt Ion:152 Resp: 352836
Ion Ratio Lower Upper
152 100
150 152.2 122.1 183.1
115 58.4 47.3 70.9



#5
2-Fluorophenol
Concen: 32.530 ng
RT: 5.293 min Scan# 392
Delta R.T. -0.006 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion:112 Resp: 616399
Ion Ratio Lower Upper
112 100
64 54.6 44.6 67.0
63 29.2 22.8 34.2

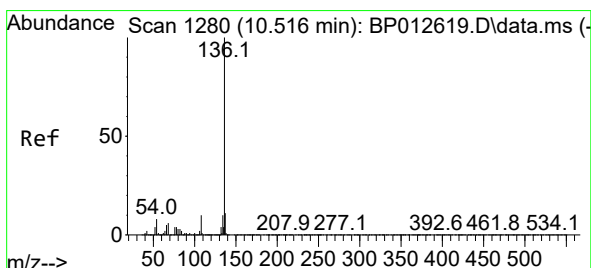
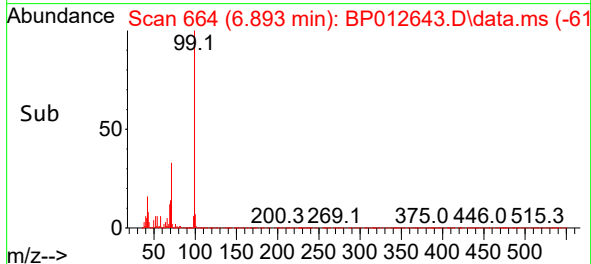
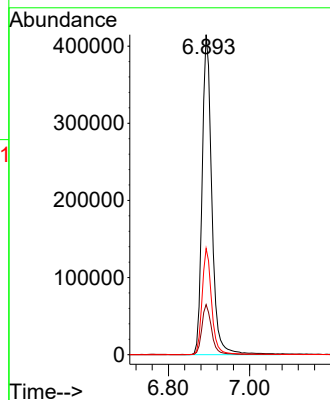
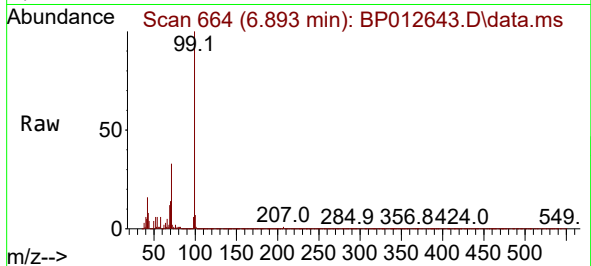




#7
Phenol-d6
Concen: 26.239 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

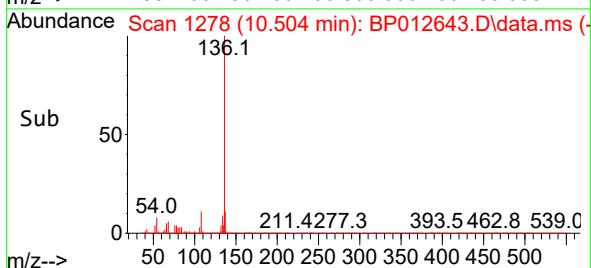
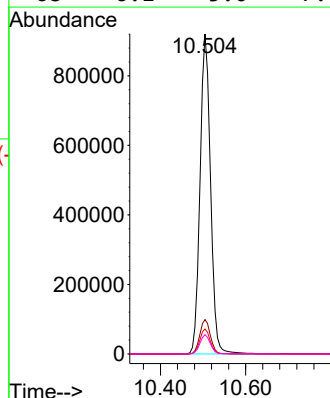
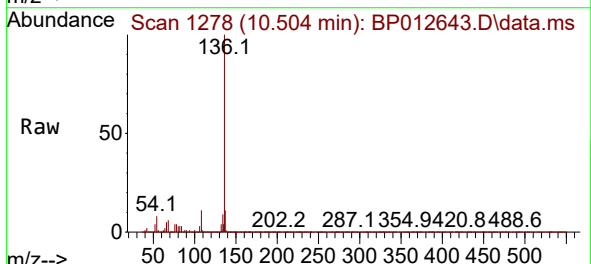
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ClientSampleId :
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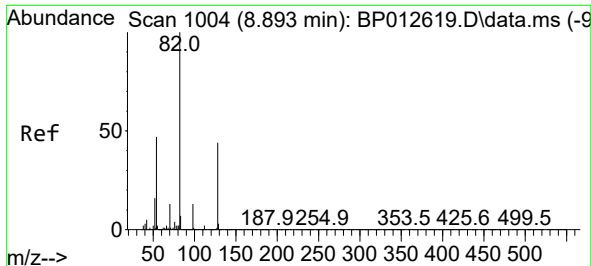
Tgt Ion: 99 Resp: 690137
Ion Ratio Lower Upper
99 100
42 15.7 12.2 18.2
71 33.2 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion: 136 Resp: 1572244
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.8 6.4 9.6
68 6.1 5.0 7.6

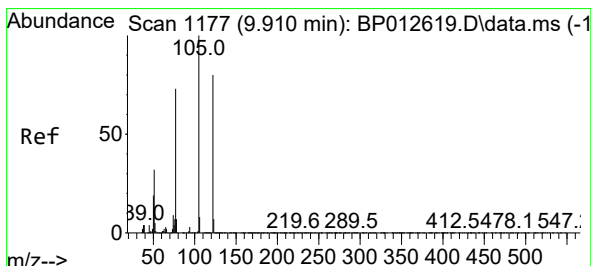
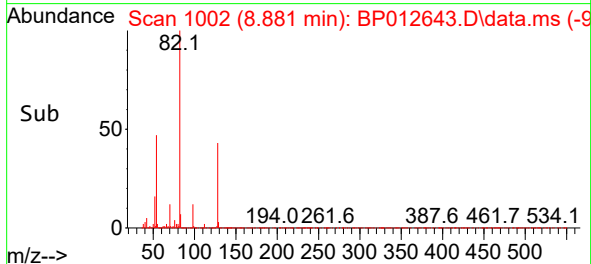
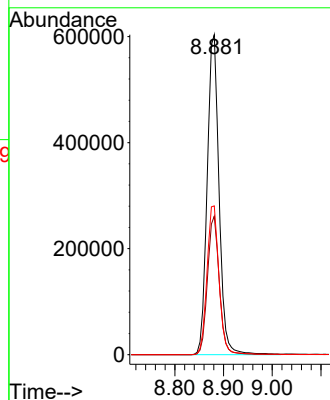
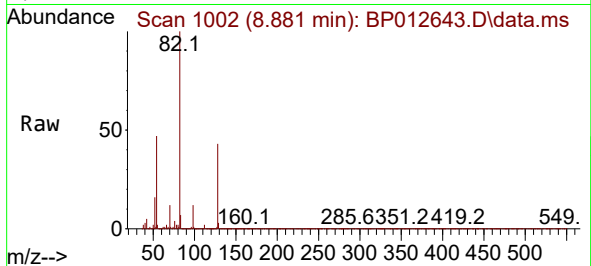




#23
Nitrobenzene-d5
Concen: 35.892 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

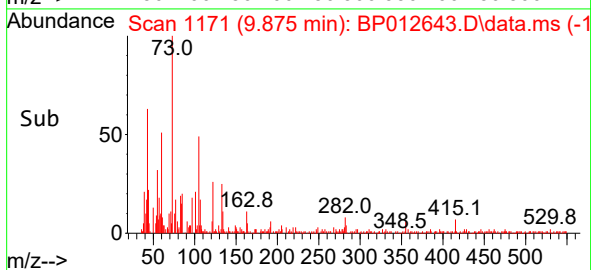
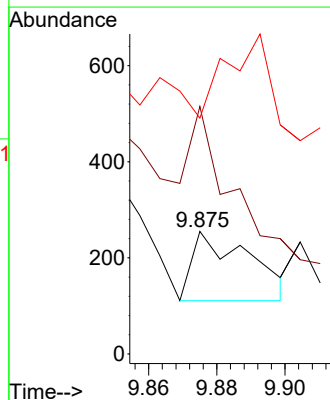
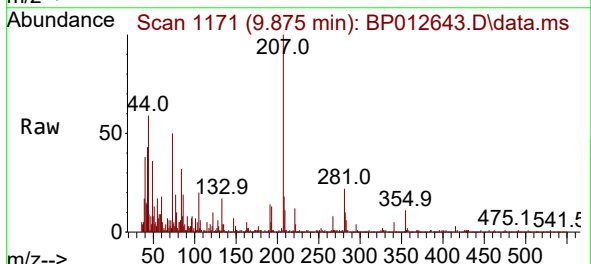
Instrument :
BNA_P
ClientSampleId :
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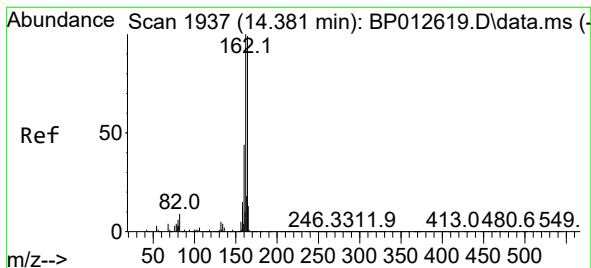
Tgt Ion: 82 Resp: 1017168
Ion Ratio Lower Upper
82 100
128 43.3 35.4 53.2
54 46.5 37.8 56.6



#32
Benzoic acid
Concen: 5.020 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion:122 Resp: 167
Ion Ratio Lower Upper
122 100
105 202.0 102.2 142.2#
77 192.5 70.7 110.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.363 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP012643.D

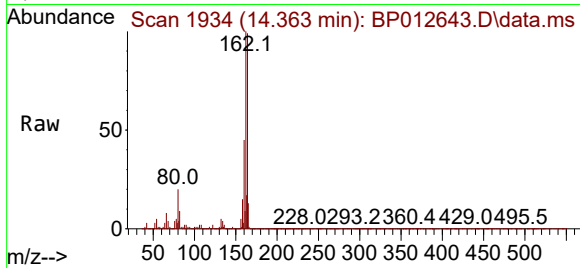
Acq: 13 Nov 2022 04:48

Instrument :

BNA_P

ClientSampleId :

DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE



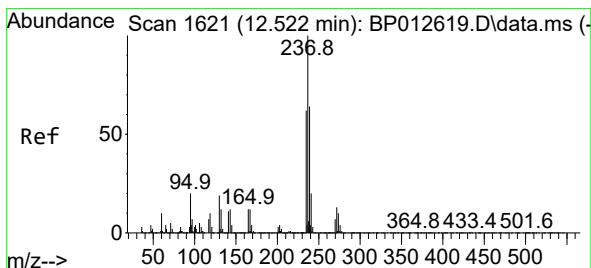
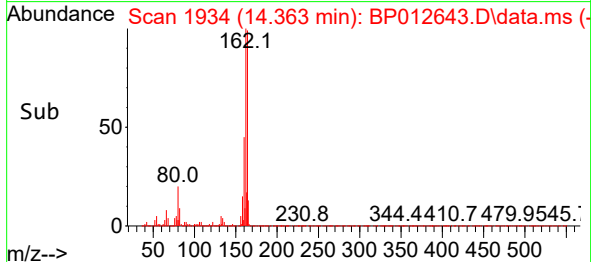
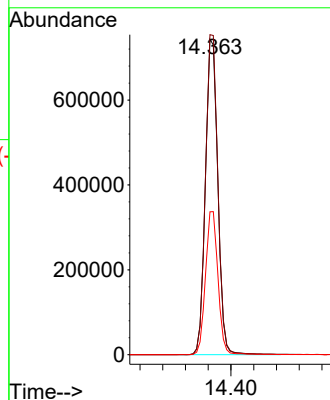
Tgt Ion:164 Resp: 1122919

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.6

160 45.3 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 5.153 ng

RT: 12.398 min Scan# 1600

Delta R.T. -0.124 min

Lab File: BP012643.D

Acq: 13 Nov 2022 04:48

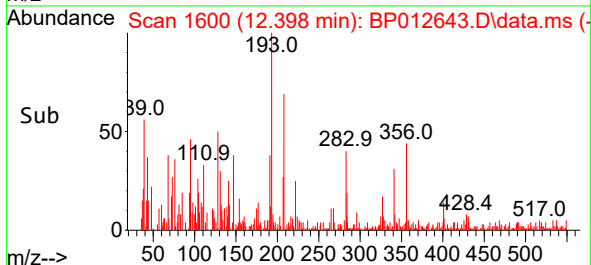
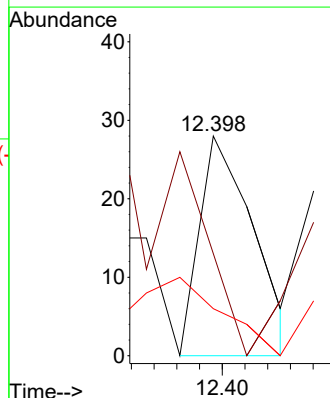
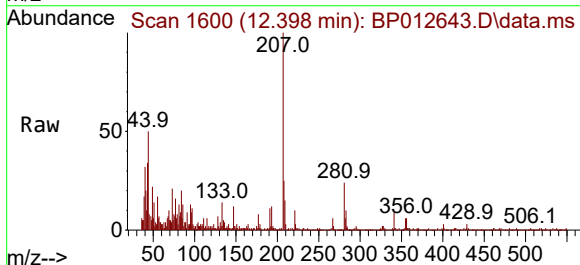
Tgt Ion:237 Resp: 19

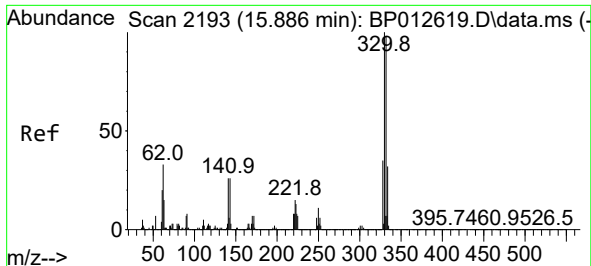
Ion Ratio Lower Upper

237 100

235 46.4 42.1 82.1

272 21.4 0.0 33.2

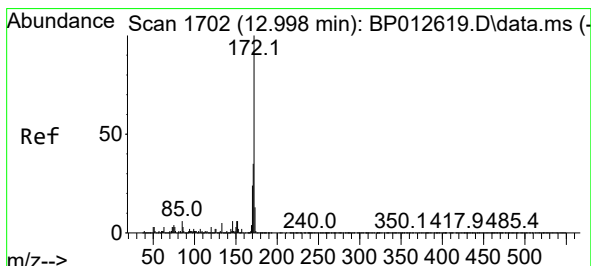
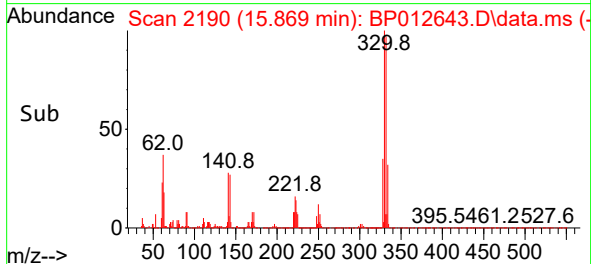
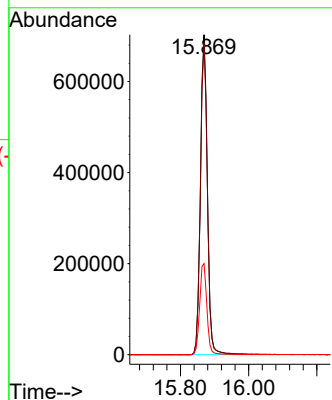
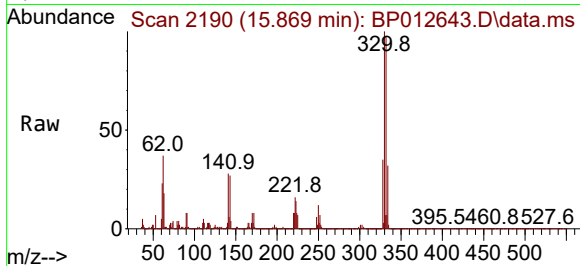




#42
2,4,6-Tribromophenol
Concen: 65.273 ng
RT: 15.869 min Scan# 2193
Delta R.T. -0.017 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

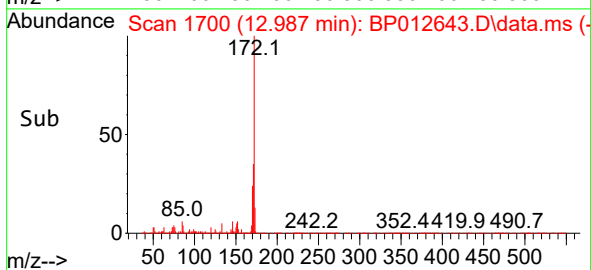
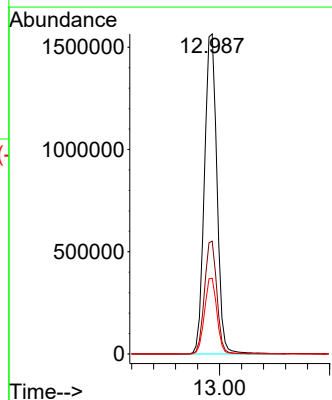
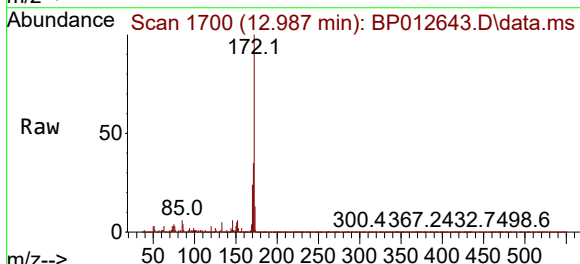
Instrument : BNA_P
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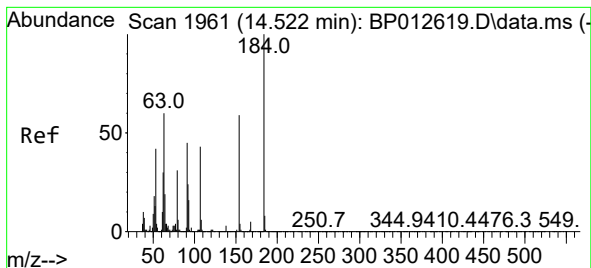
Tgt Ion:330 Resp: 1000592
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.4 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 33.442 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion:172 Resp: 2473710
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.6 19.0 28.6

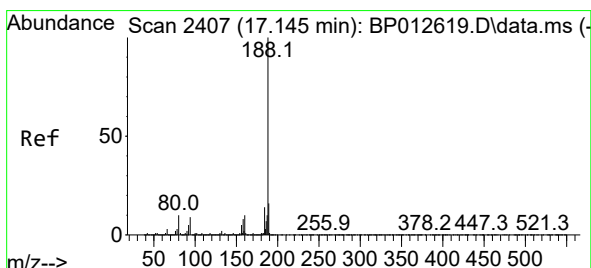
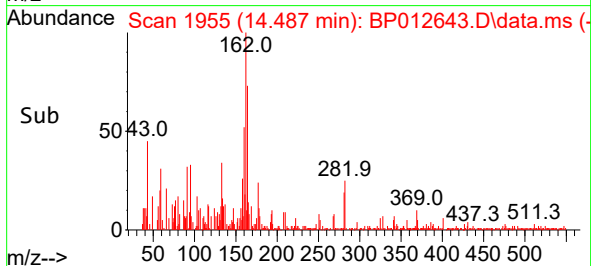
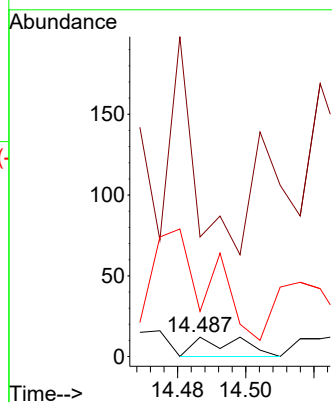
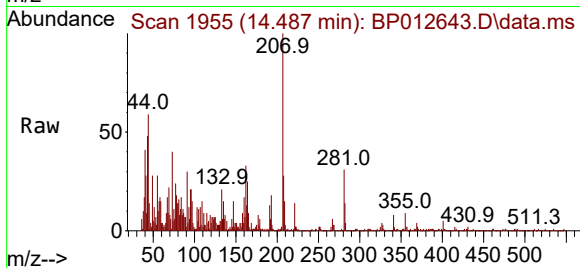




#54
2,4-Dinitrophenol
Concen: 4.841 ng
RT: 14.487 min Scan# 1961
Delta R.T. -0.035 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

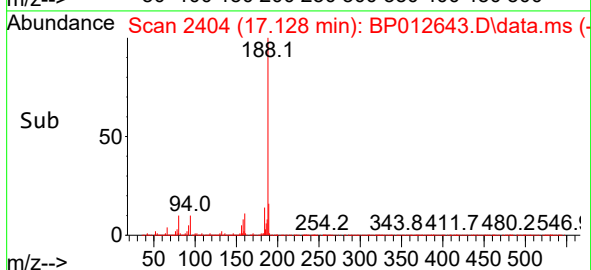
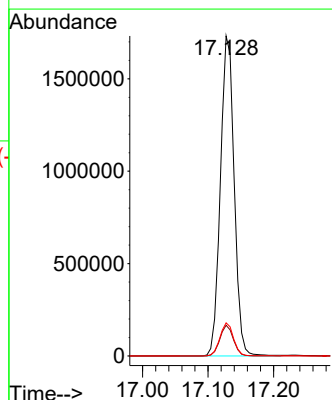
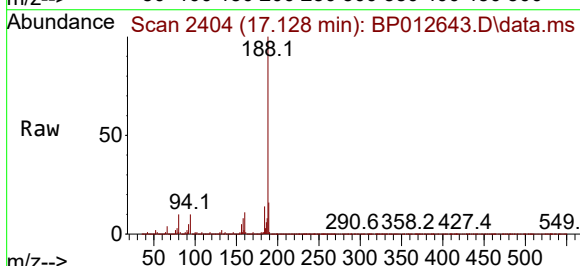
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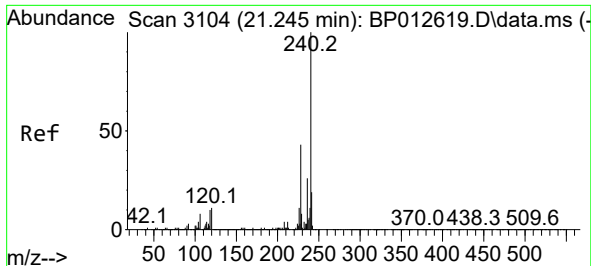
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 616.7 48.5 72.7#
154 233.3 49.4 74.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.018 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion:188 Resp: 2513083
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.4 8.2 12.2

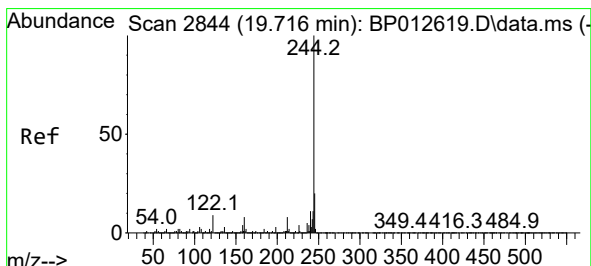
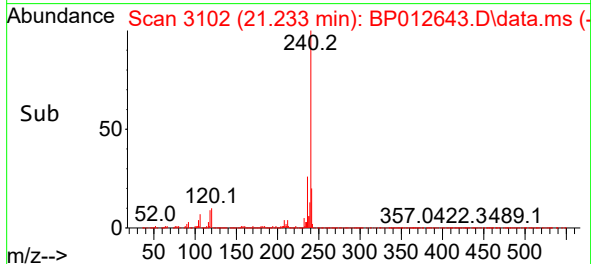
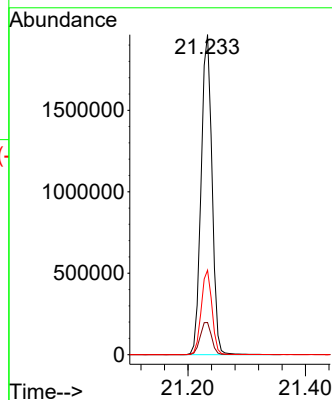
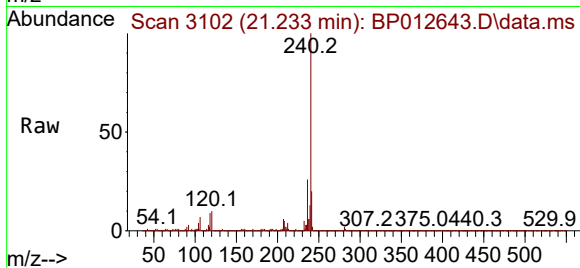




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

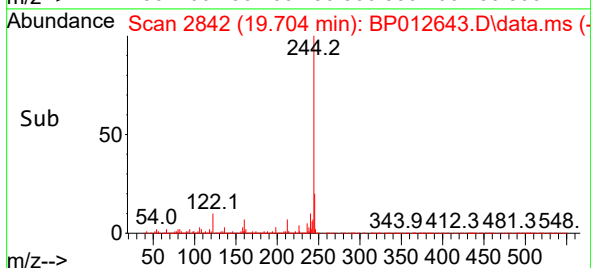
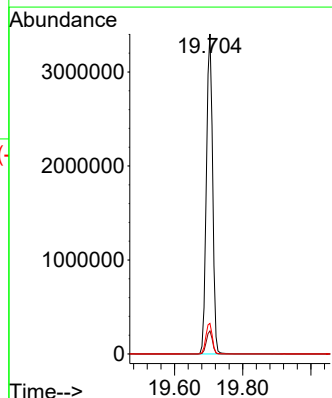
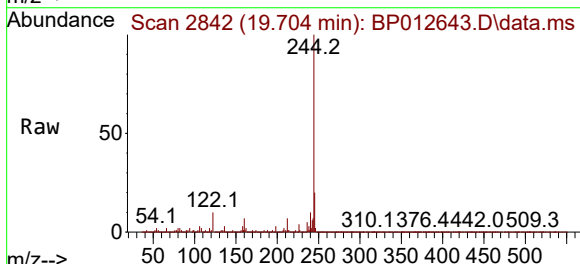
Instrument : BNA_P
ClientSampleId : DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

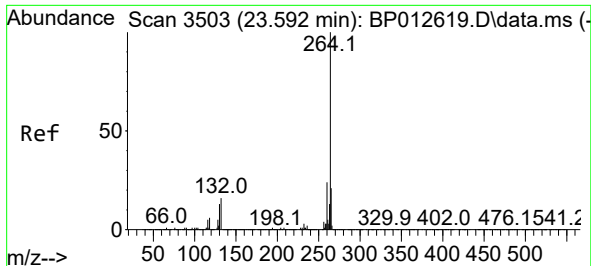
Tgt Ion:240 Resp: 2525424
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 34.626 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Tgt Ion:244 Resp: 4316345
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.6 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP012643.D
Acq: 13 Nov 2022 04:48

Instrument :
BNA_P
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 2305957
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.9 17.8 26.8

