

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009681.D
 Acq On : 04 Apr 2022 16:26
 Operator : CG/JU
 Sample : N2207-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220349-AMENDED-096-21-01

Quant Time: Apr 04 23:25:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

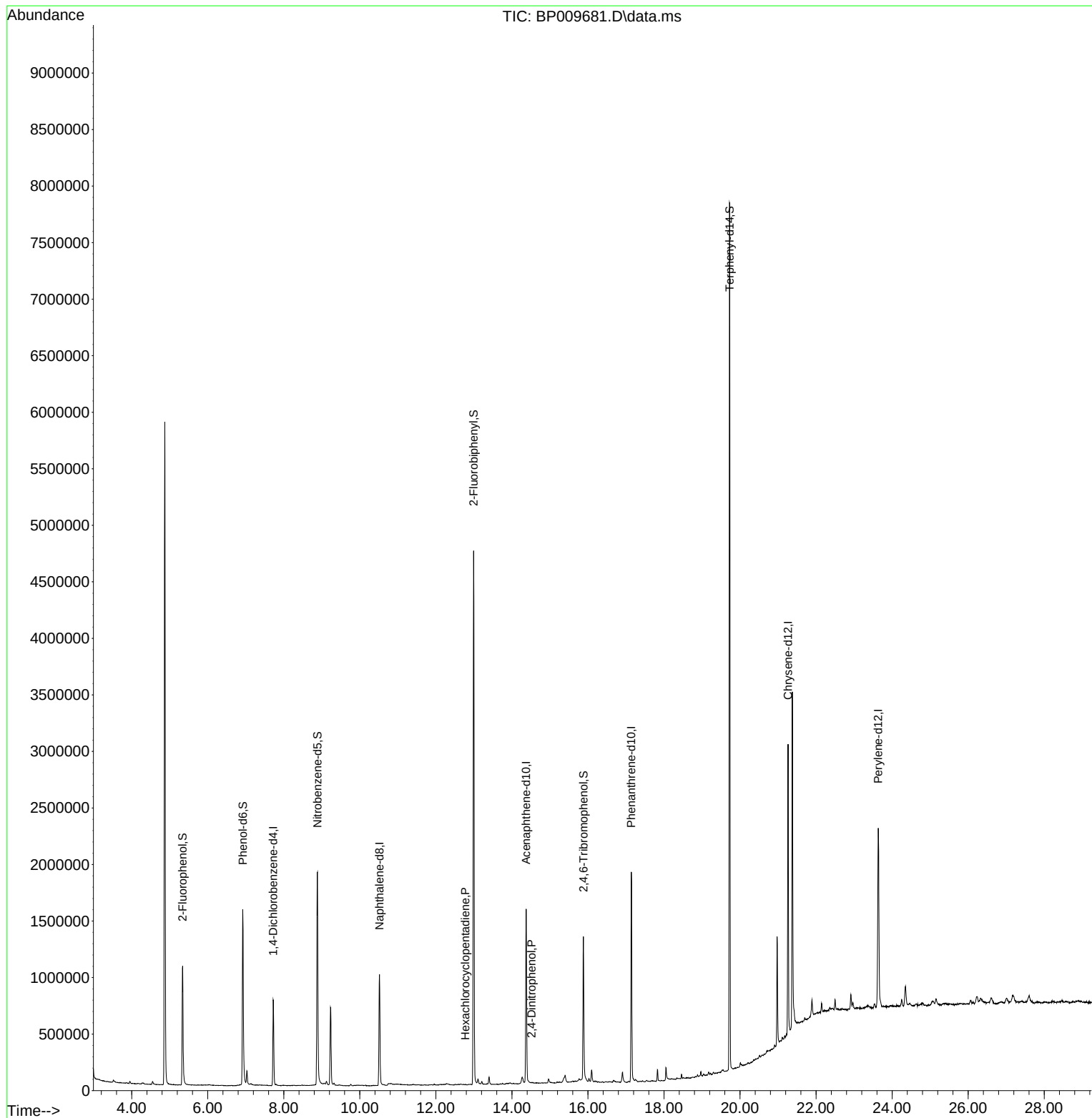
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	238767	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	940230	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	589965	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1236471	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1288754	20.000	ng	-0.01
86) Perylene-d12	23.633	264	1355218	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	587977	42.995	ng	0.00
7) Phenol-d6	6.922	99	1107907	59.905	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1316346	74.398	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	283129	29.082	ng	-0.01
45) 2-Fluorobiphenyl	12.992	172	2736868	64.310	ng	-0.02
79) Terphenyl-d14	19.727	244	4066903	56.641	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.887	77	2619	Below Cal		Qvalue 87
41) Hexachlorocyclopentadiene	12.775	237	23	7.291	ng	79
54) 2,4-Dinitrophenol	14.516	184	280	4.578	ng	# 1

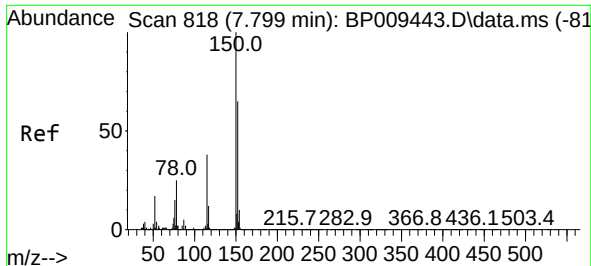
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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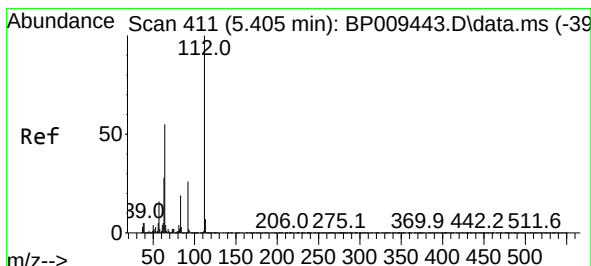
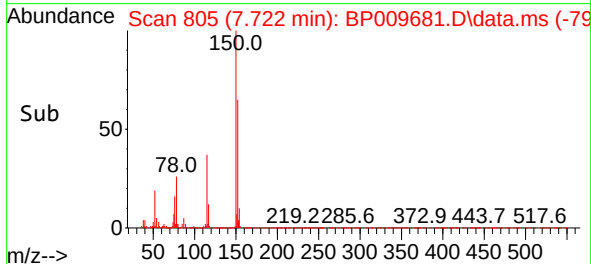
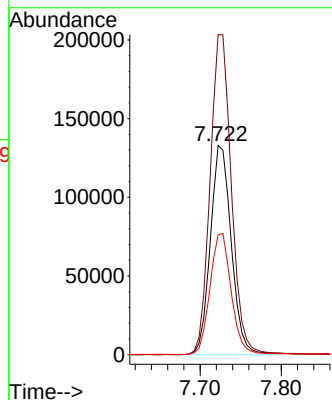
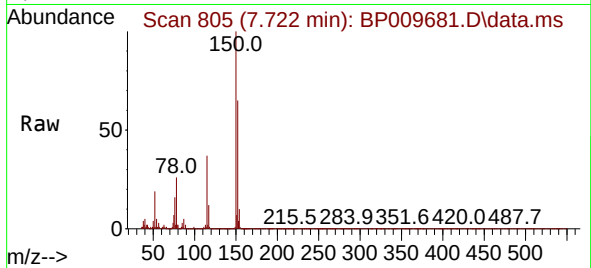




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

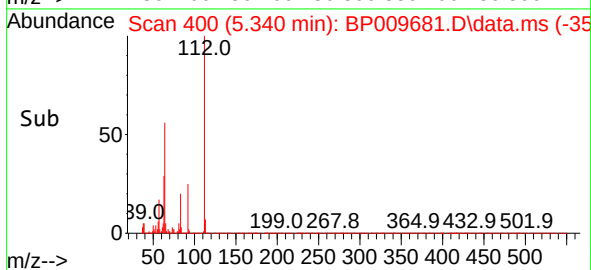
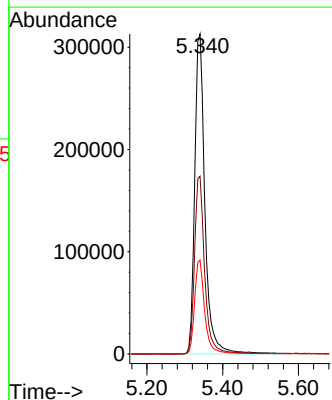
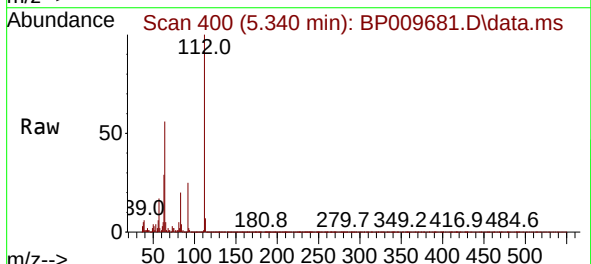
Instrument :
BNA_P
ClientSampleId :
20220349-AMENDED-096-21-01

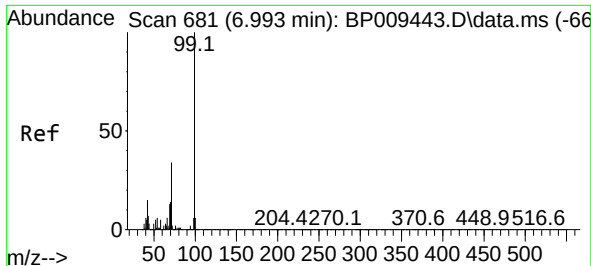
Tgt Ion:152 Resp: 238767
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 57.2 48.2 72.4



#5
2-Fluorophenol
Concen: 42.995 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

Tgt Ion:112 Resp: 587977
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 29.4 23.0 34.6

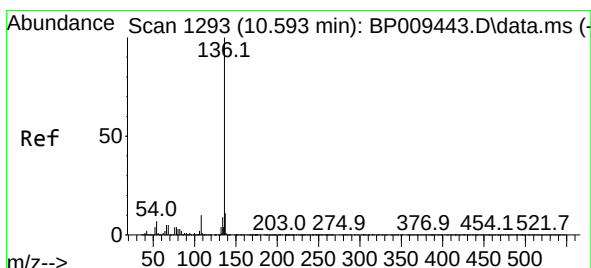
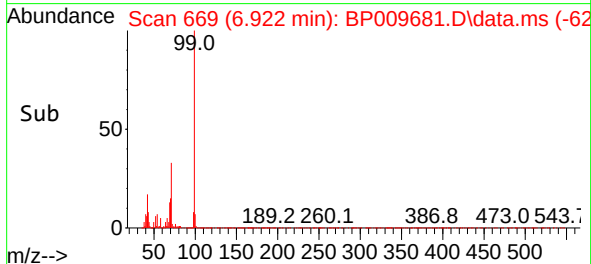
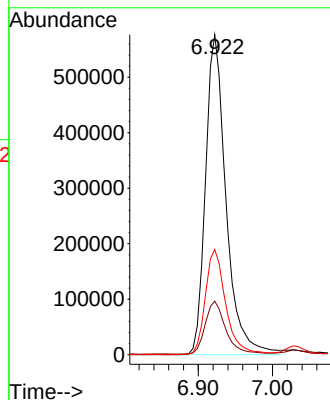
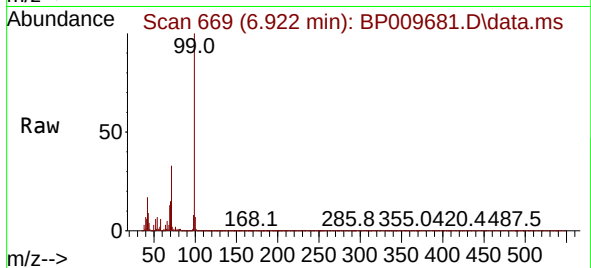




#7
Phenol-d6
Concen: 59.905 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

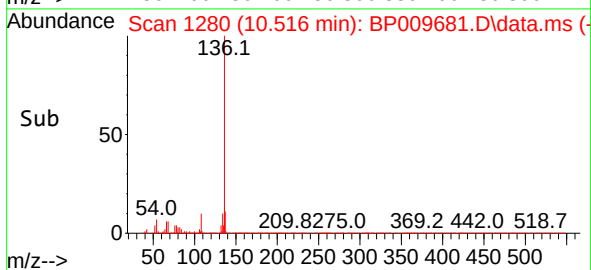
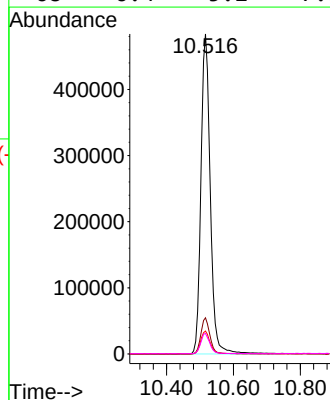
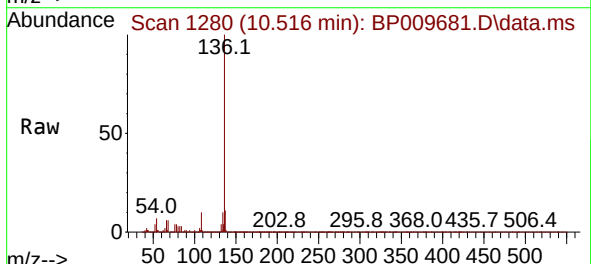
Instrument :
BNA_P
ClientSampleId :
20220349-AMENDED-096-21-01

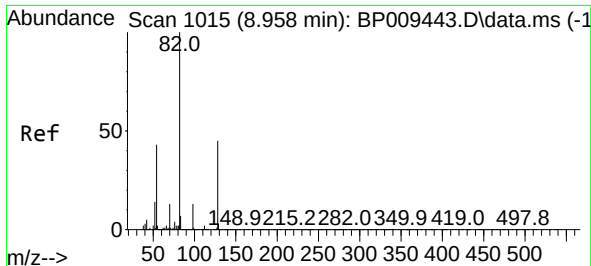
Tgt Ion: 99 Resp: 1107907
Ion Ratio Lower Upper
99 100
42 16.8 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

Tgt Ion: 136 Resp: 940230
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.2 5.8 8.8
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.398 ng

RT: 8.887 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP009681.D

Acq: 04 Apr 2022 16:26

Instrument :

BNA_P

ClientSampleId :

20220349-AMENDED-096-21-01

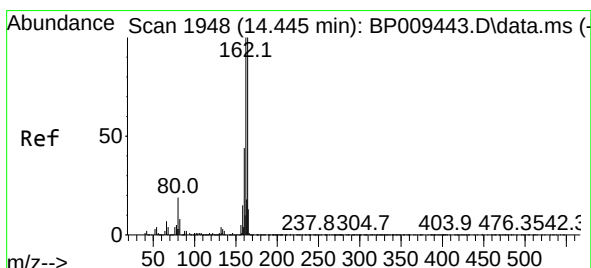
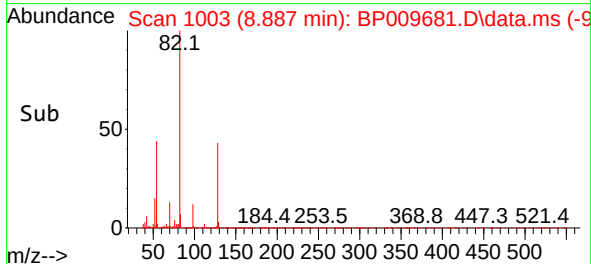
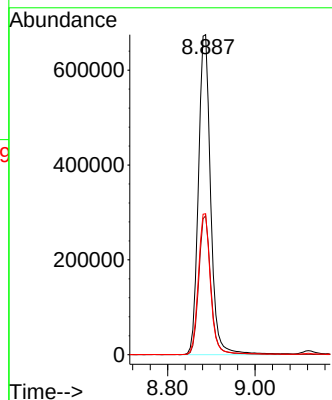
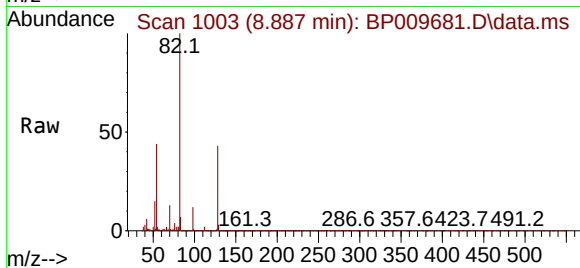
Tgt Ion: 82 Resp: 1316346

Ion Ratio Lower Upper

82 100

128 43.4 34.2 51.4

54 44.0 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BP009681.D

Acq: 04 Apr 2022 16:26

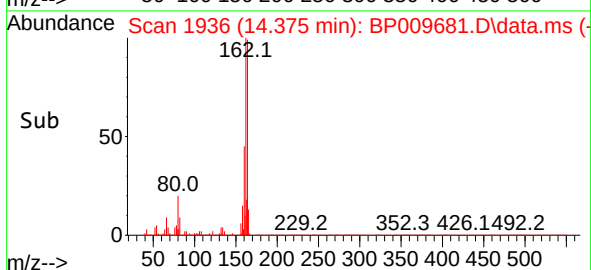
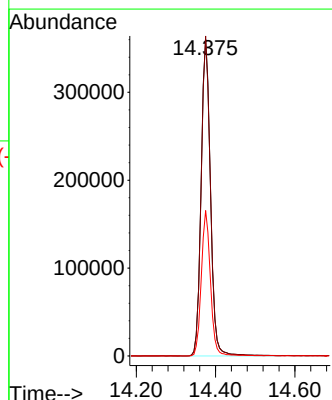
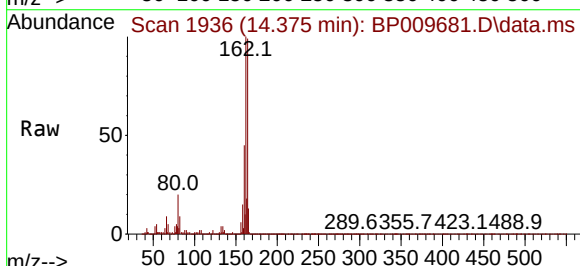
Tgt Ion:164 Resp: 589965

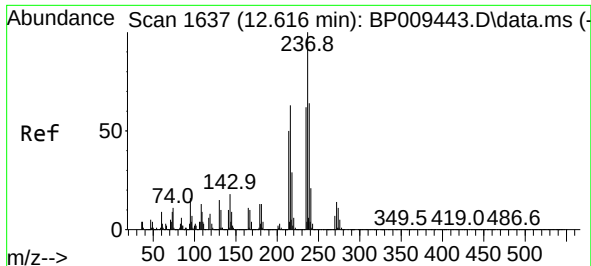
Ion Ratio Lower Upper

164 100

162 101.0 79.1 118.7

160 45.9 34.9 52.3

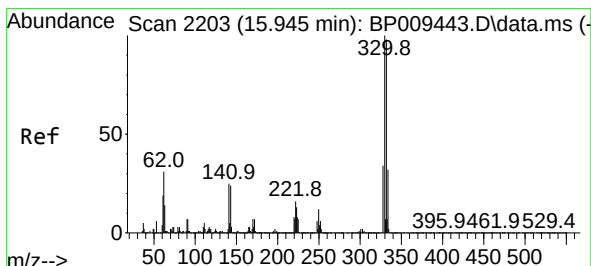
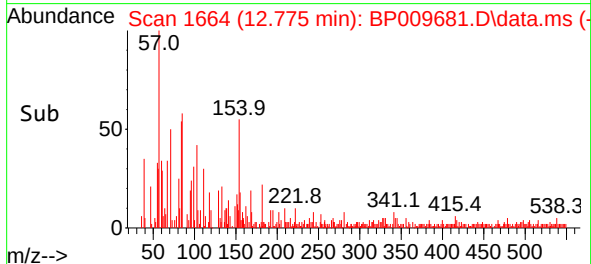
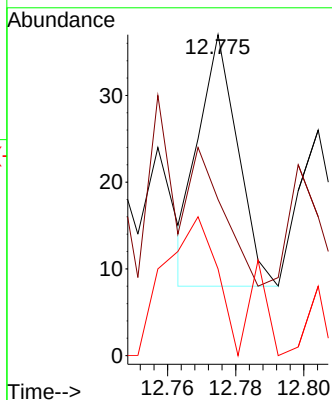
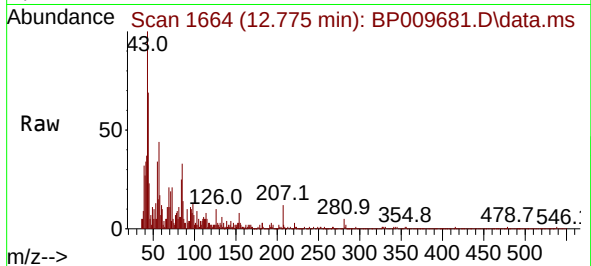




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.775 min Scan# 1
Delta R.T. 0.218 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

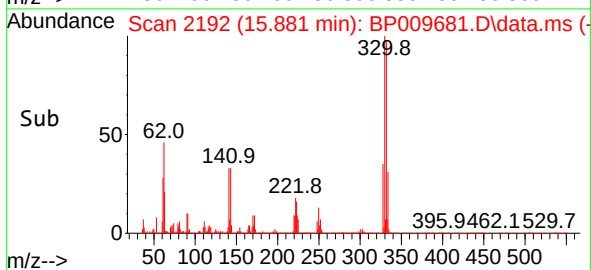
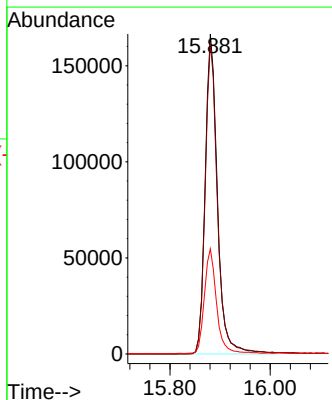
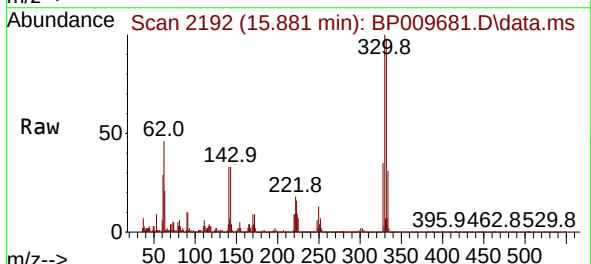
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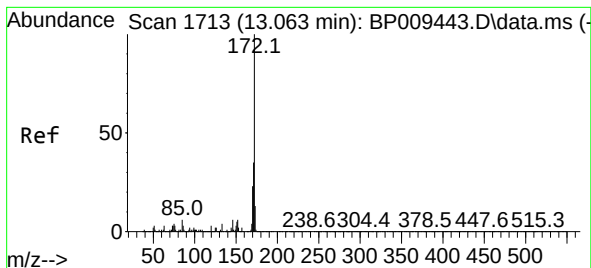
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	48.6	42.6	82.6
272	27.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 29.082 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

Tgt Ion:	330	Resp:	283129
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.6	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 64.310 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP009681.D

Acq: 04 Apr 2022 16:26

Instrument :

BNA_P

ClientSampleId :

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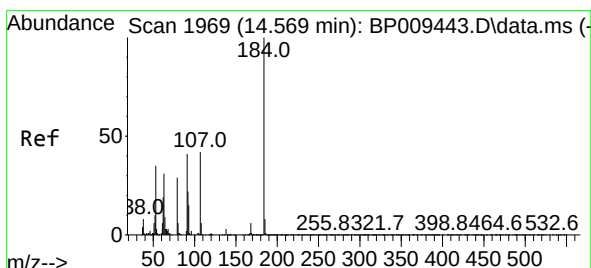
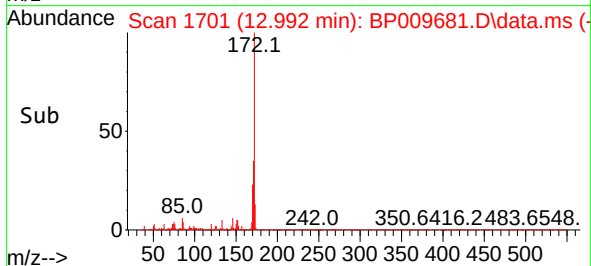
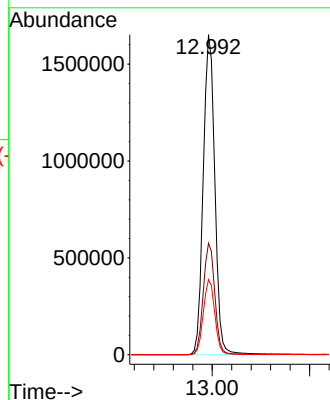
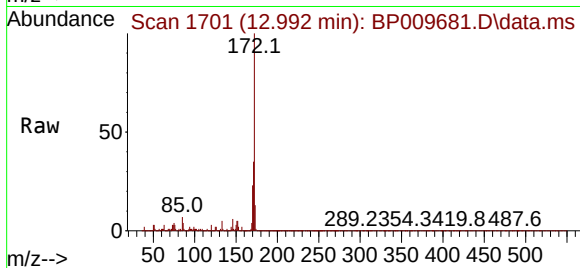
Tgt Ion:172 Resp: 2736868

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.4 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.578 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.012 min

Lab File: BP009681.D

Acq: 04 Apr 2022 16:26

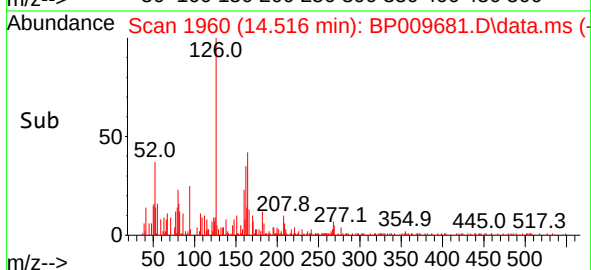
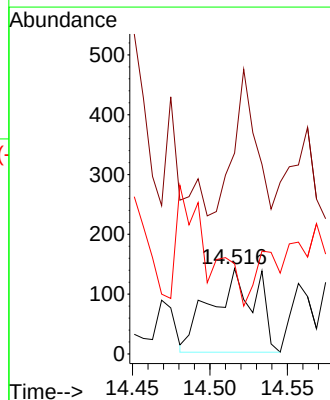
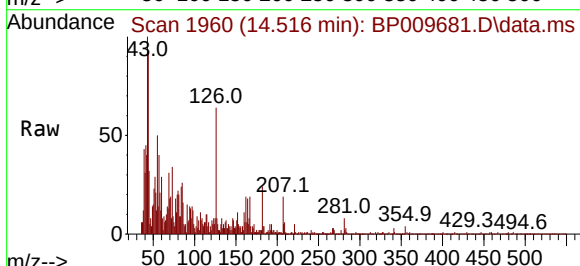
Tgt Ion:184 Resp: 280

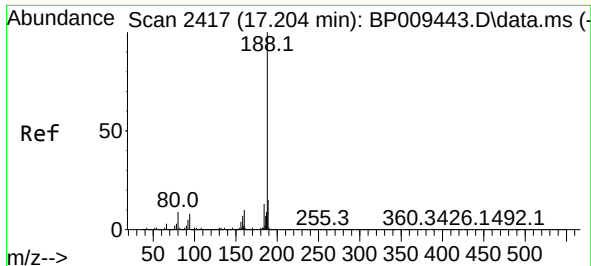
Ion Ratio Lower Upper

184 100

63 233.3 46.3 69.5#

154 104.9 45.8 68.6#

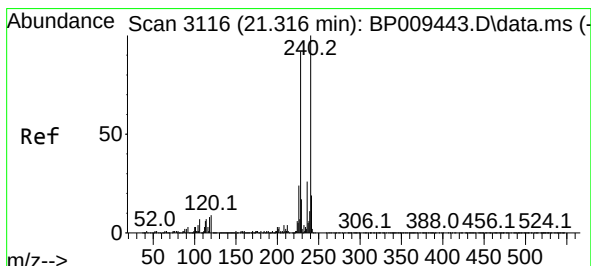
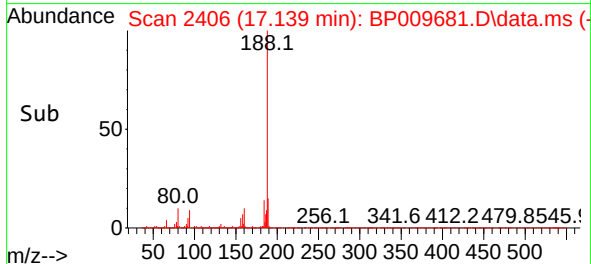
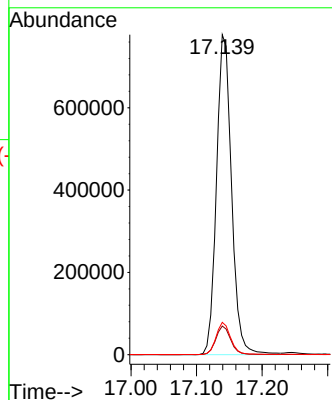
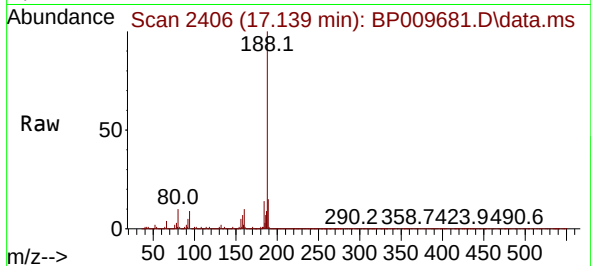




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

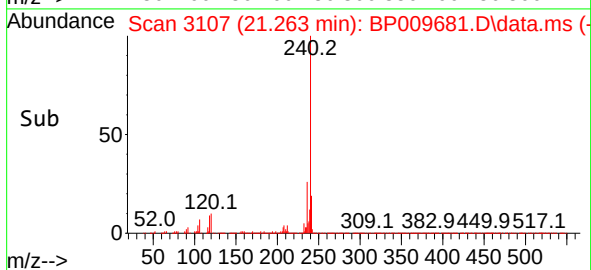
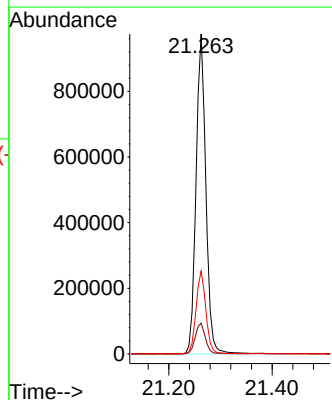
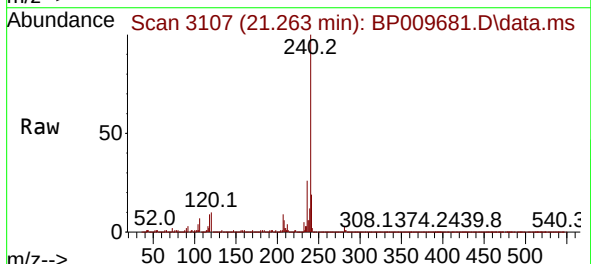
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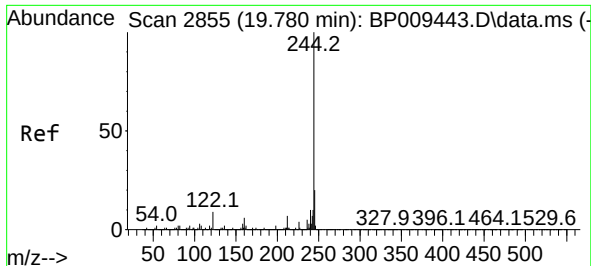
Tgt Ion:188 Resp: 1236471
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009681.D
Acq: 04 Apr 2022 16:26

Tgt Ion:240 Resp: 1288754
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.0 20.6 30.8

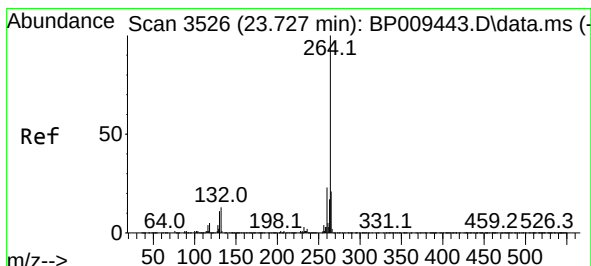
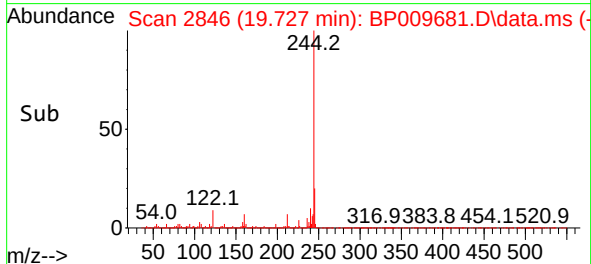
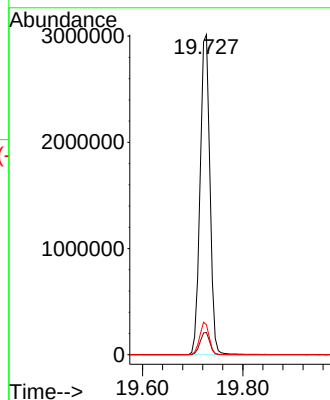
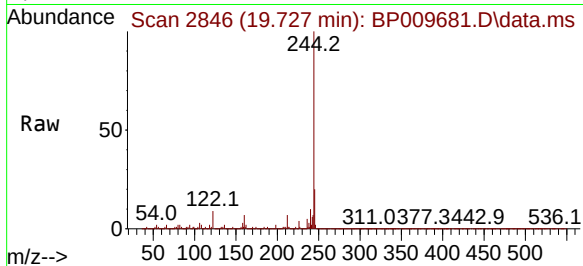




#79
 Terphenyl-d14
 Concen: 56.641 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009681.D
 Acq: 04 Apr 2022 16:26

Instrument :
 BNA_P
 ClientSampleId :
 20220349-AMENDED-096-21-01

Tgt Ion:244 Resp: 4066903
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3510
 Delta R.T. -0.018 min
 Lab File: BP009681.D
 Acq: 04 Apr 2022 16:26

Tgt Ion:264 Resp: 1355218
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.3 17.2 25.8

