

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009523.D
 Acq On : 24 Mar 2022 00:49
 Operator : CG/JU
 Sample : N2031-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B1-031822-0-2-BD

Quant Time: Mar 24 02:15:02 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 24 01:19:11 2022
 Response via : Initial Calibration

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

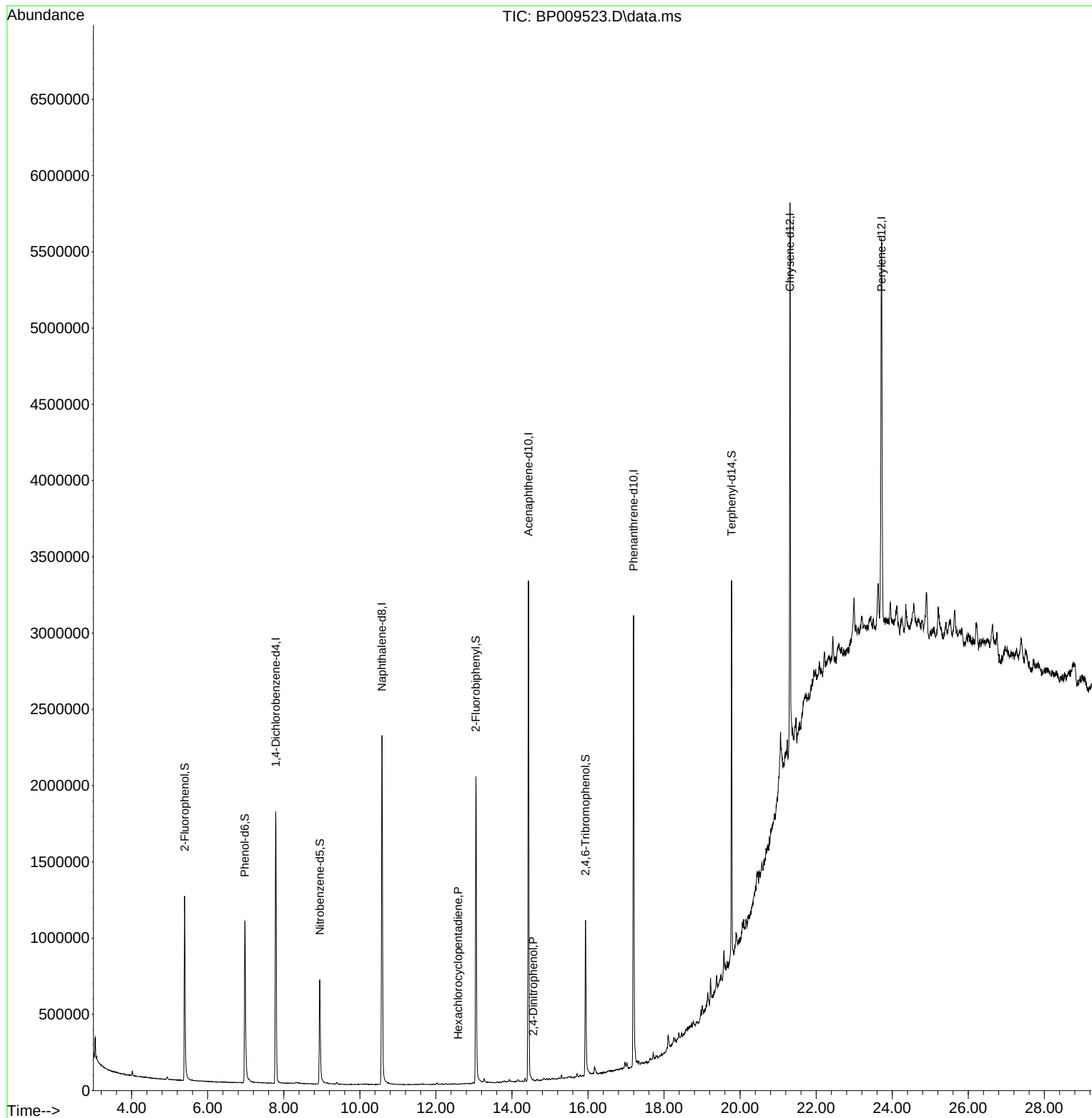
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	560575	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	2244737	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1270795	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2023550	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1847629	20.000	ng	0.00
86) Perylene-d12	23.716	264	2055288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	671358	20.910	ng	0.00
7) Phenol-d6	6.975	99	854867	19.688	ng	0.00
23) Nitrobenzene-d5	8.946	82	531233	12.576	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	258217	12.313	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1287624	14.046	ng	0.00
79) Terphenyl-d14	19.775	244	1269298	12.331	ng	0.00
Target Compounds						
9) Benzaldehyde	6.922	77	409	Below Cal	Qvalue #	39
41) Hexachlorocyclopentadiene	12.581	237	66	7.292 ng	#	46
54) 2,4-Dinitrophenol	14.557	184	104	4.540 ng	#	1

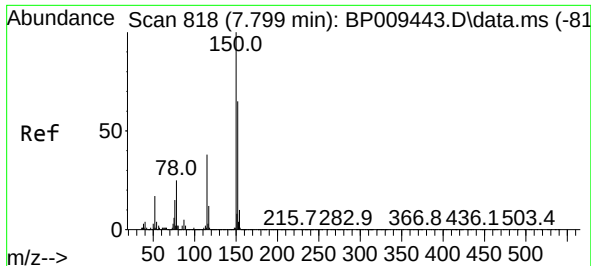
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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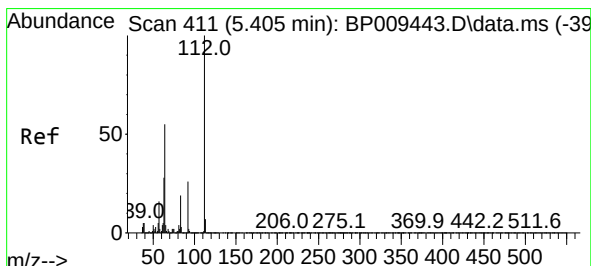
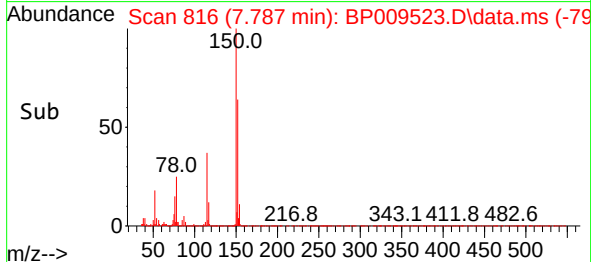
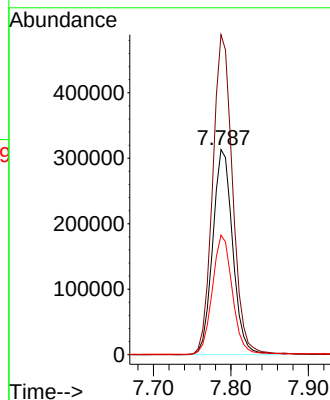
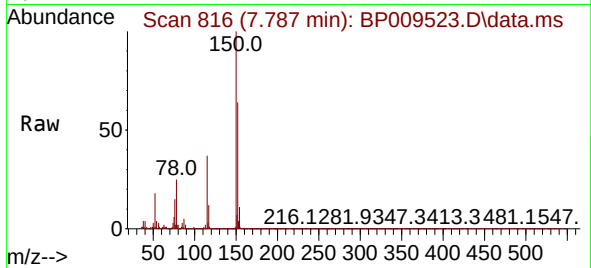




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

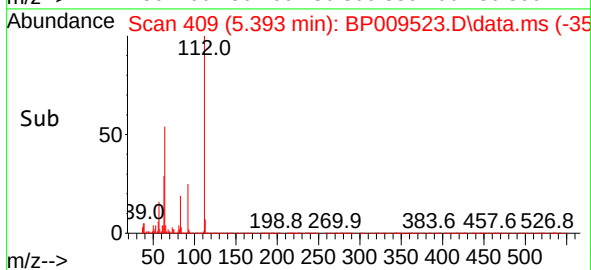
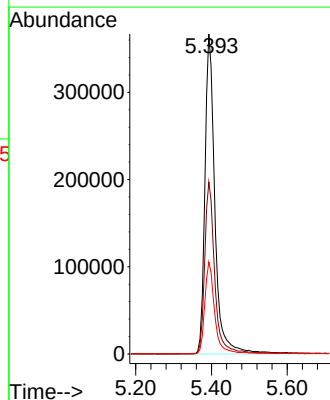
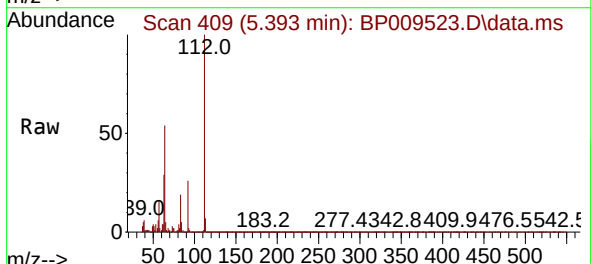
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2-BD

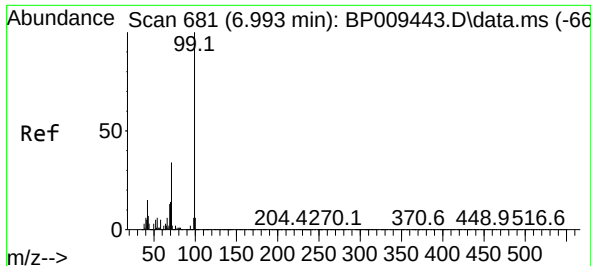
Tgt Ion:152 Resp: 560575
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 20.910 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

Tgt Ion:112 Resp: 671358
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 28.7 23.0 34.6

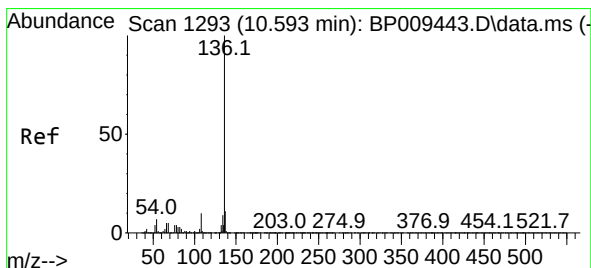
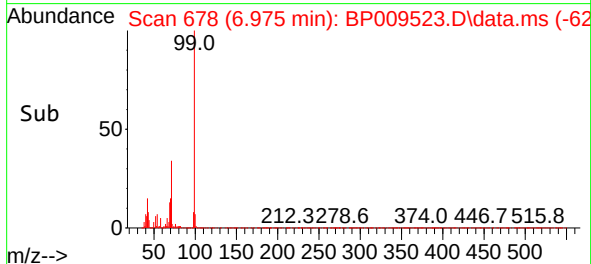
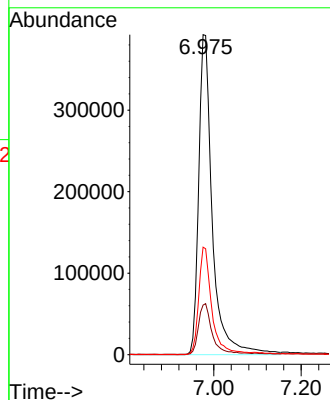
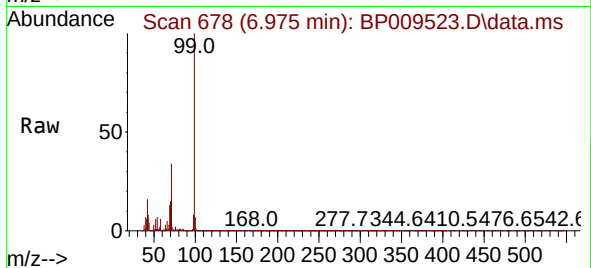




#7
Phenol-d6
Concen: 19.688 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

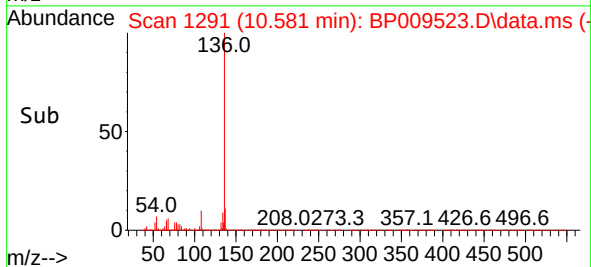
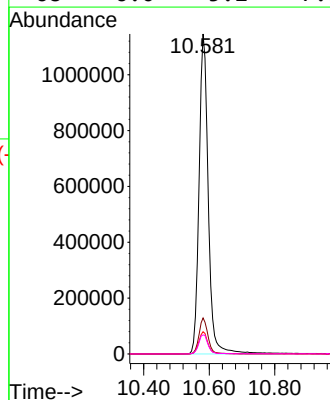
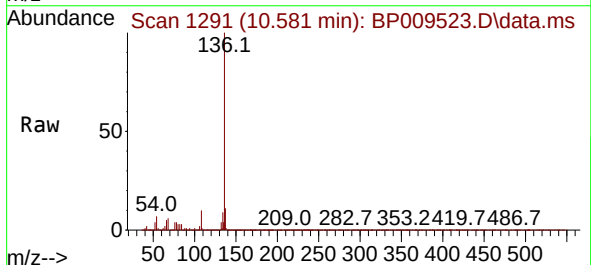
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2-BD

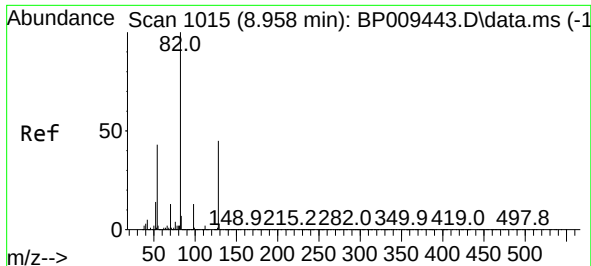
Tgt Ion: 99 Resp: 854867
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 33.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

Tgt Ion: 136 Resp: 2244737
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8

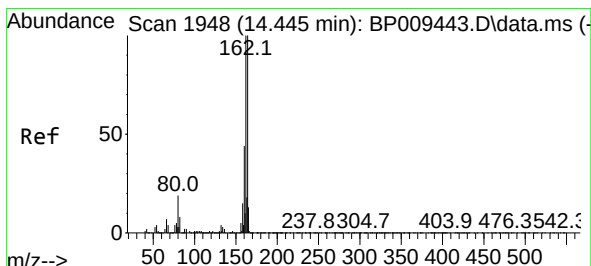
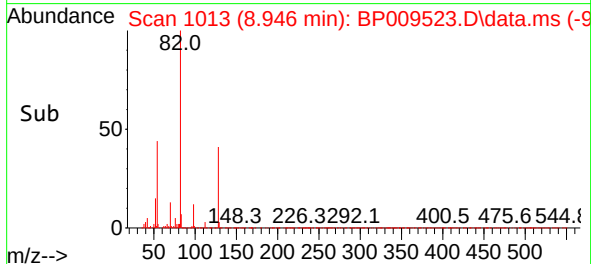
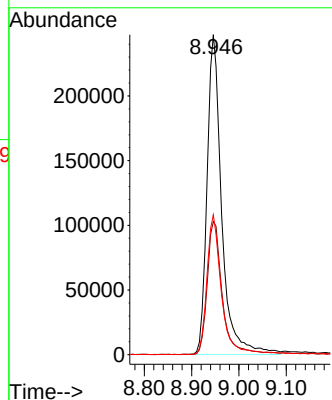
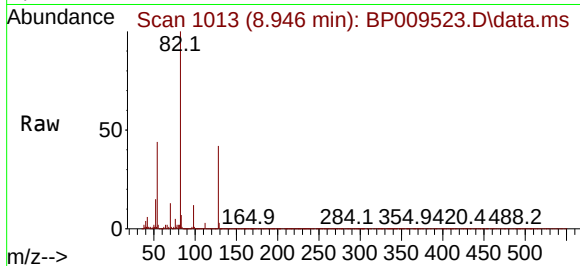




#23
Nitrobenzene-d5
Concen: 12.576 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

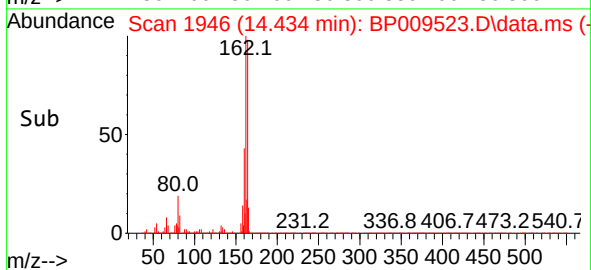
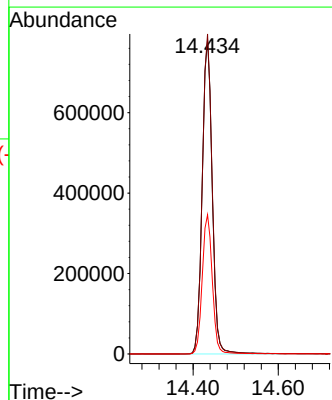
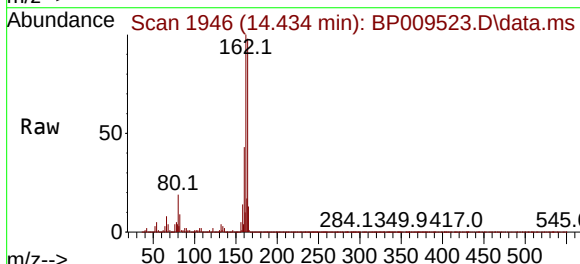
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2-BD

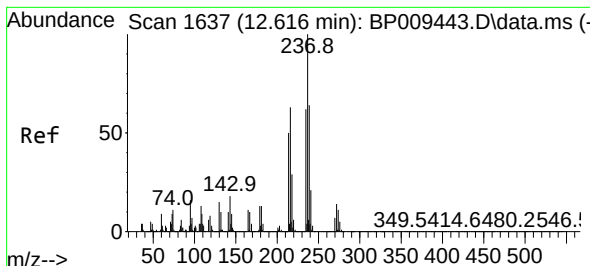
Tgt Ion: 82 Resp: 531233
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.4
54 43.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

Tgt Ion:164 Resp: 1270795
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 44.3 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.292 ng

RT: 12.581 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

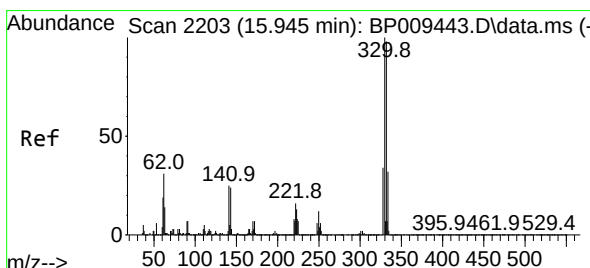
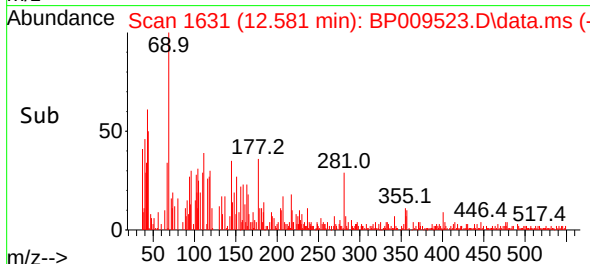
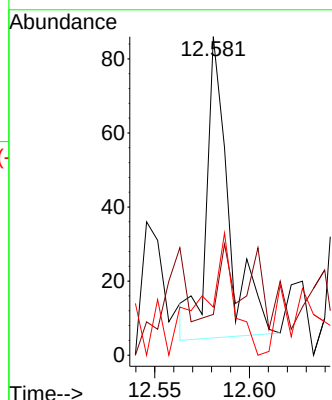
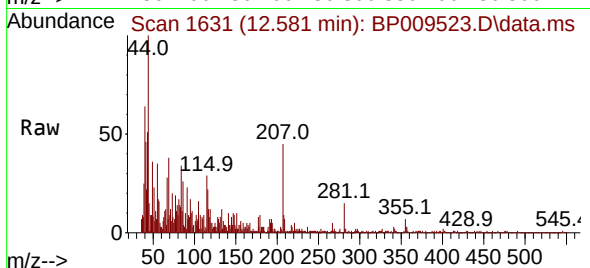
Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-0-2-BD

Tgt Ion:	237	Resp:	66
Ion	Ratio	Lower	Upper
237	100		
235	12.8	42.6	82.6#
272	15.1	0.0	32.8



#42

2,4,6-Tribromophenol

Concen: 12.313 ng

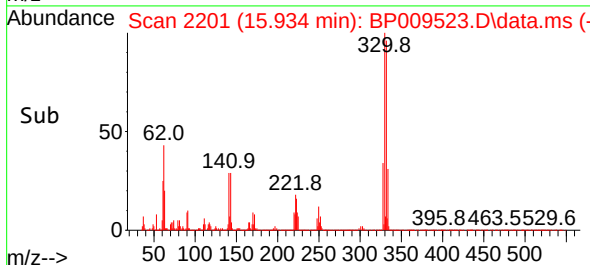
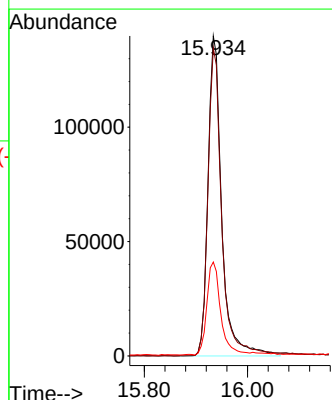
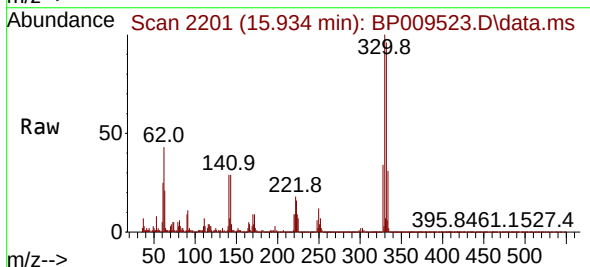
RT: 15.934 min Scan# 2201

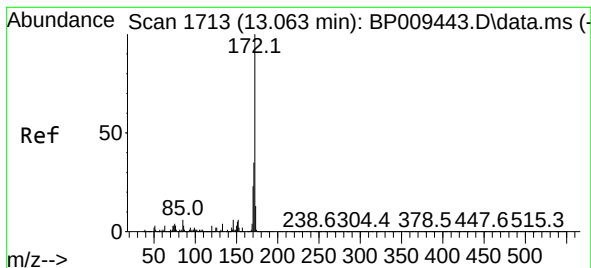
Delta R.T. 0.000 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

Tgt Ion:	330	Resp:	258217
Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	29.3	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 14.046 ng

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-0-2-BD

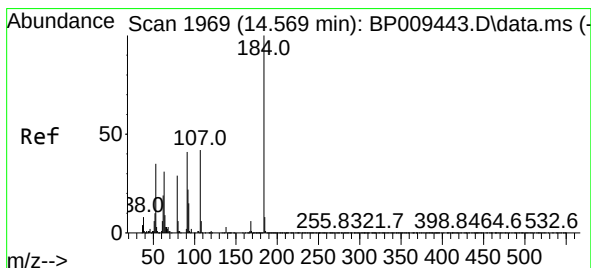
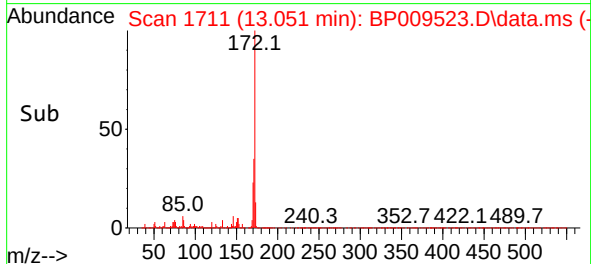
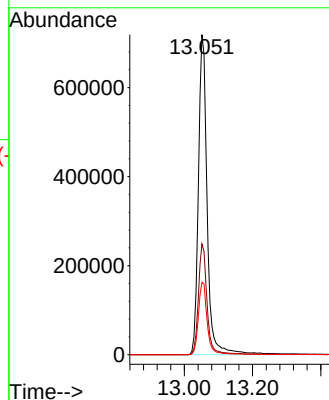
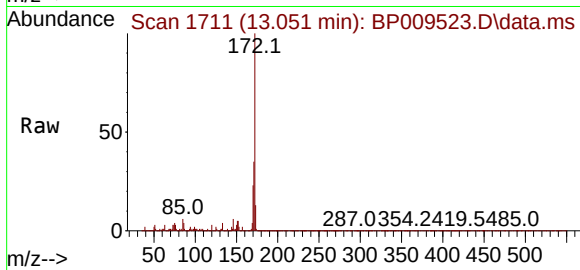
Tgt Ion:172 Resp: 1287624

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 22.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.540 ng

RT: 14.557 min Scan# 1967

Delta R.T. -0.006 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

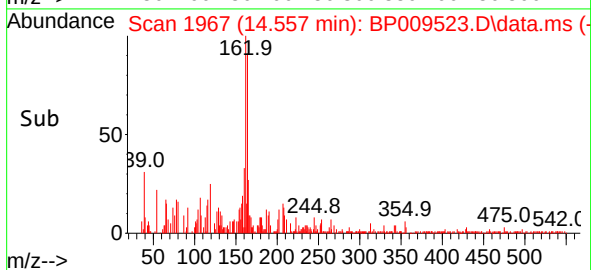
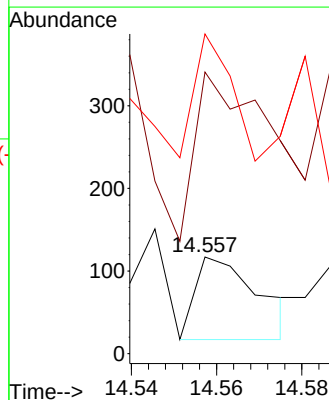
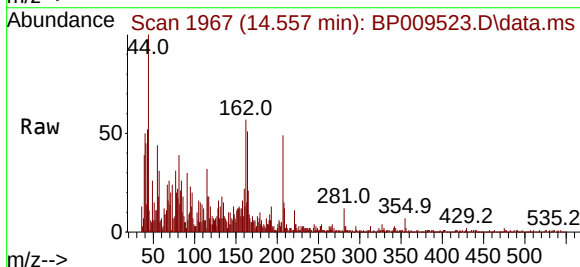
Tgt Ion:184 Resp: 104

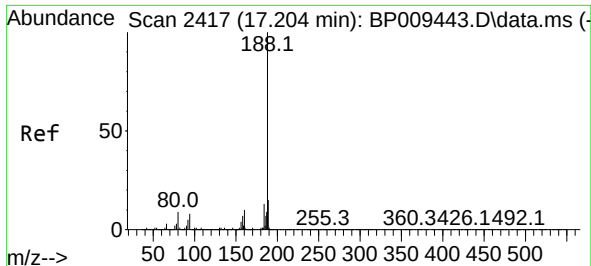
Ion Ratio Lower Upper

184 100

63 291.5 46.3 69.5#

154 330.8 45.8 68.6#

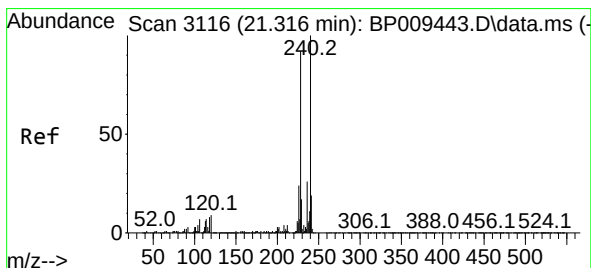
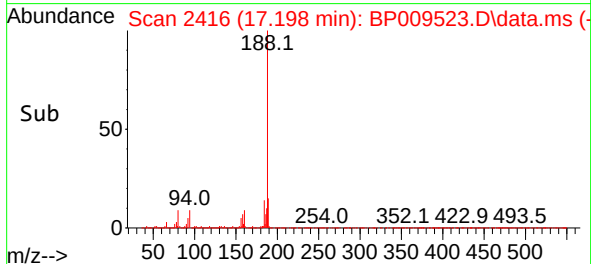
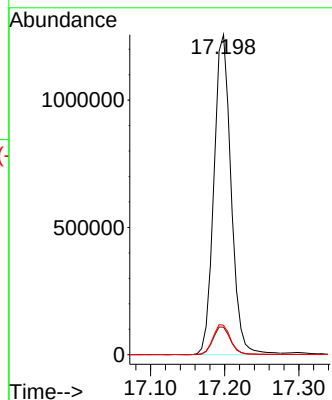
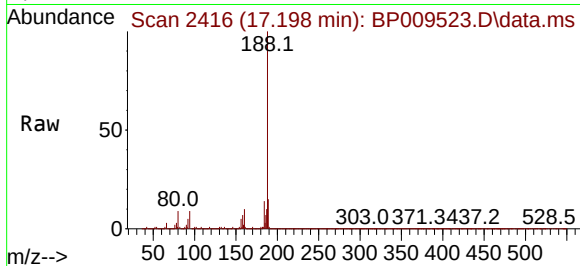




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

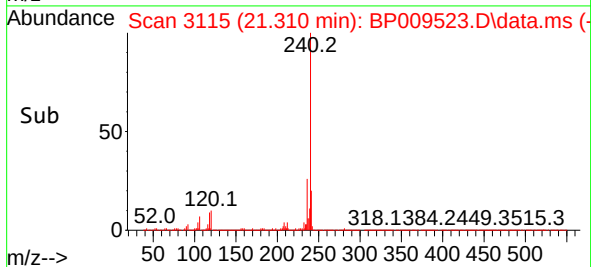
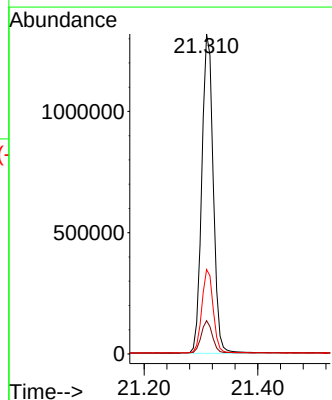
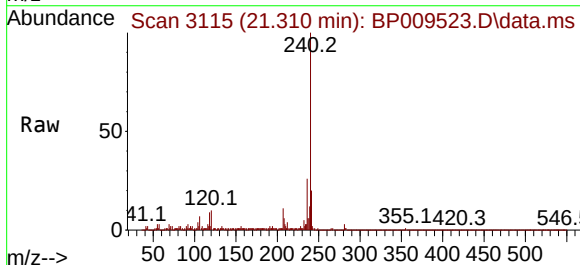
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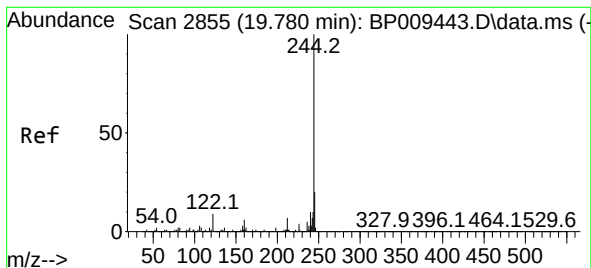
Tgt Ion:188 Resp: 2023550
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.2 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009523.D
Acq: 24 Mar 2022 00:49

Tgt Ion:240 Resp: 1847629
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 12.331 ng

RT: 19.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-0-2-BD

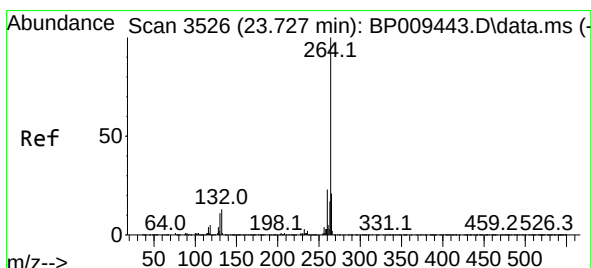
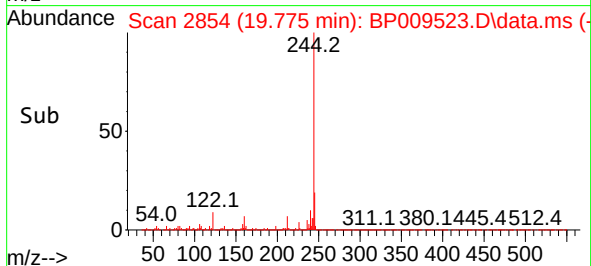
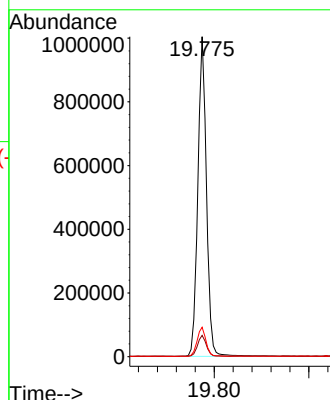
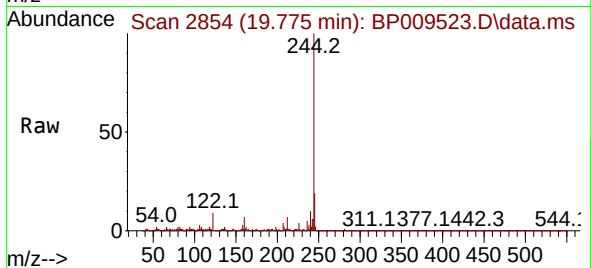
Tgt Ion:244 Resp: 1269298

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 9.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.716 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP009523.D

Acq: 24 Mar 2022 00:49

Tgt Ion:264 Resp: 2055288

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.3 17.2 25.8

