

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
 Data File : BP009547.D
 Acq On : 25 Mar 2022 11:10
 Operator : CG/JU
 Sample : PB143517BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143517BL

Quant Time: Mar 26 02:59:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

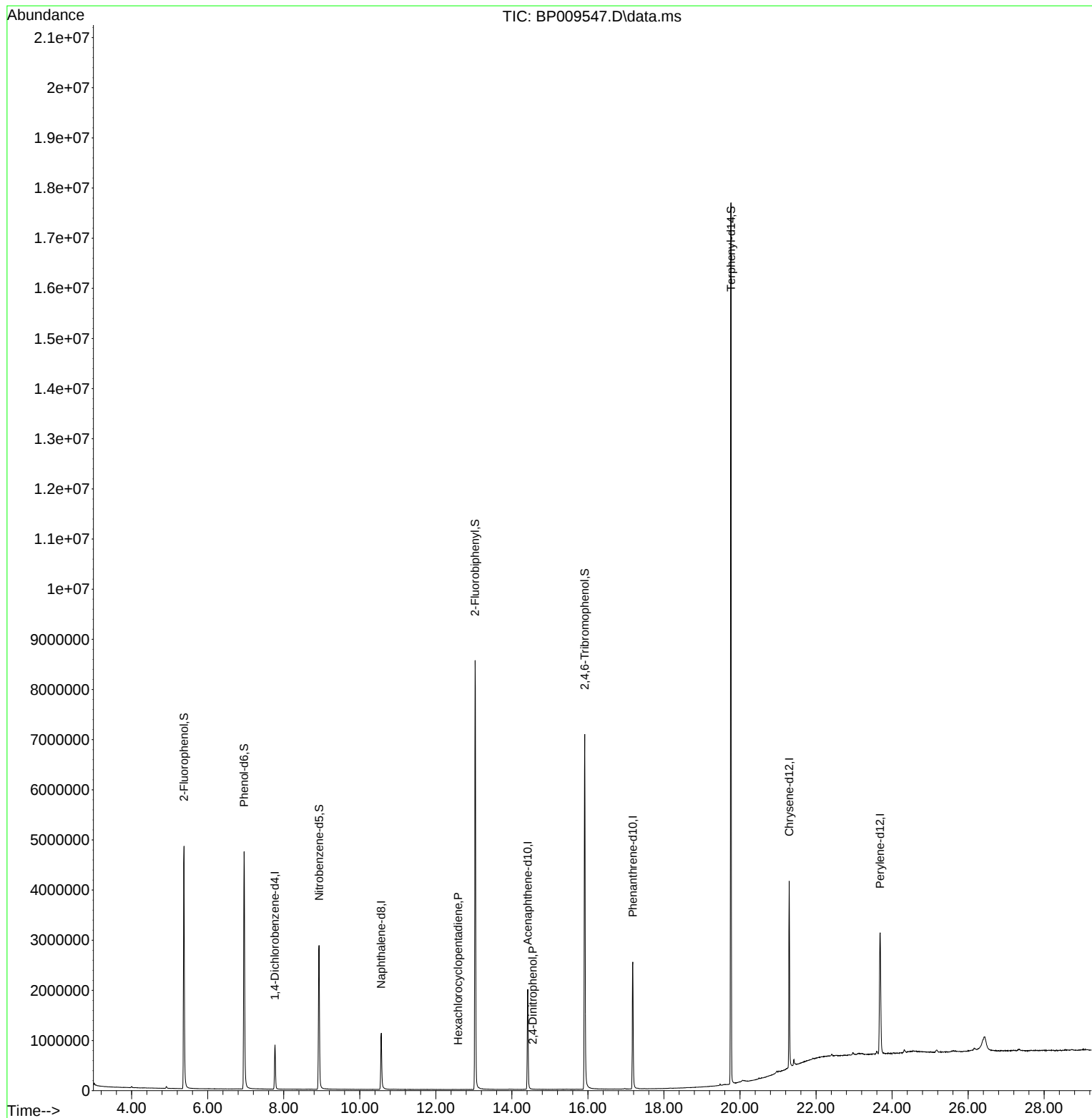
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	278862	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1163825	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	804055	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1813313	20.000	ng	0.00
76) Chrysene-d12	21.292	240	2012475	20.000	ng	0.00
86) Perylene-d12	23.686	264	2148448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2553542	159.875	ng	0.00
7) Phenol-d6	6.958	99	3311956	153.331	ng	0.00
23) Nitrobenzene-d5	8.928	82	2016615	92.079	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1685105	127.002	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	5093420	87.817	ng	0.00
79) Terphenyl-d14	19.763	244	9346343	83.358	ng	0.00
Target Compounds						
9) Benzaldehyde	6.887	77	242	Below Cal	#	38
41) Hexachlorocyclopentadiene	12.587	237	11	7.289	ng	94
54) 2,4-Dinitrophenol	14.551	184	35	4.537	ng	# 1

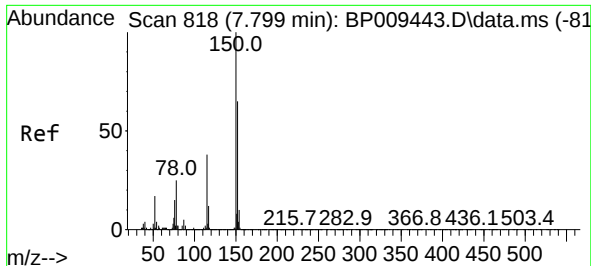
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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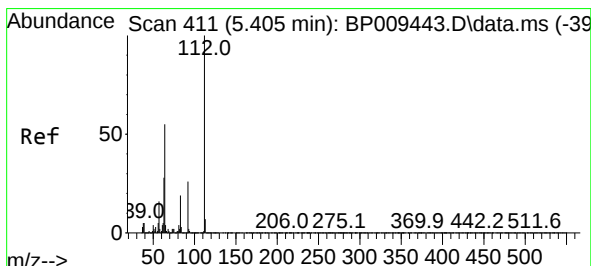
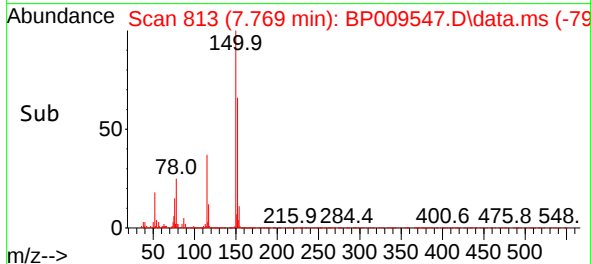
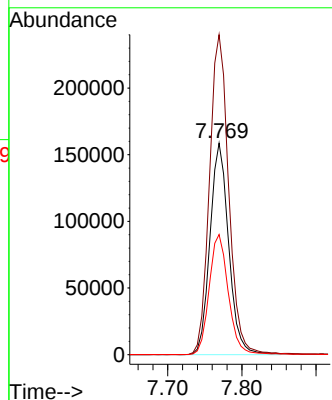
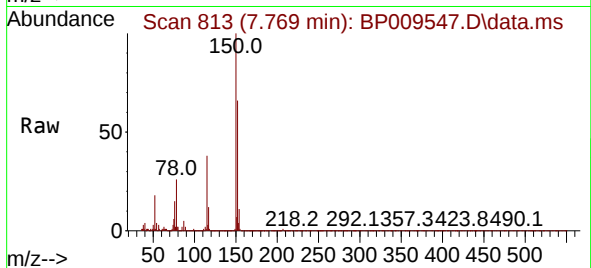




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009547.D
 Acq: 25 Mar 2022 11:10

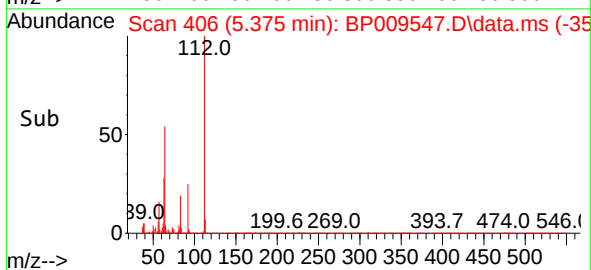
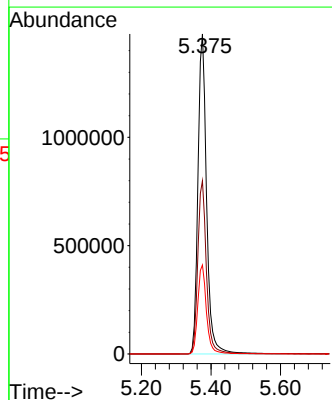
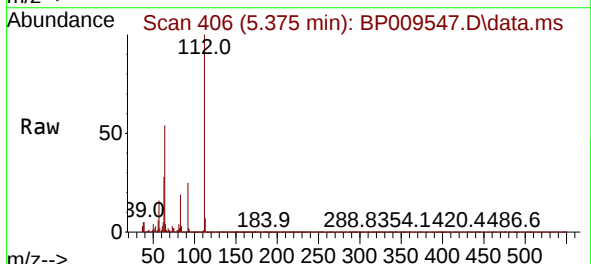
Instrument :
 BNA_P
 ClientSampleId :
 PB143517BL

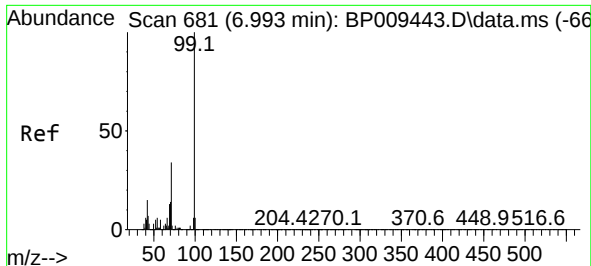
Tgt Ion:152 Resp: 278862
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.5 186.7
 115 56.8 48.2 72.4



#5
 2-Fluorophenol
 Concen: 159.875 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: BP009547.D
 Acq: 25 Mar 2022 11:10

Tgt Ion:112 Resp: 2553542
 Ion Ratio Lower Upper
 112 100
 64 54.1 45.0 67.4
 63 27.8 23.0 34.6

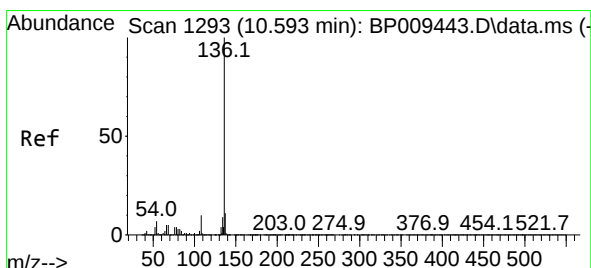
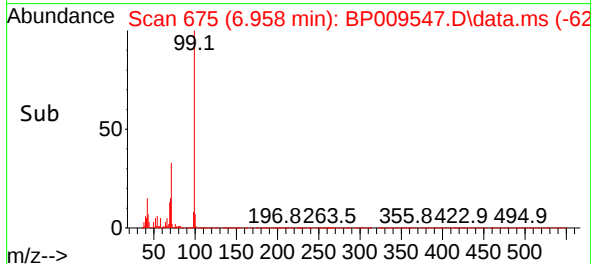
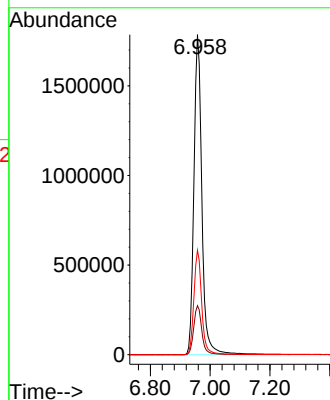
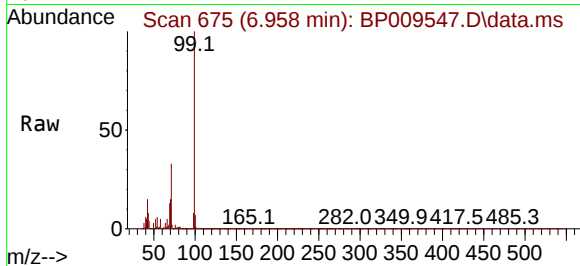




#7
Phenol-d6
Concen: 153.331 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

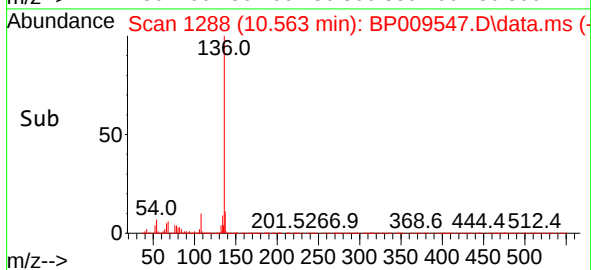
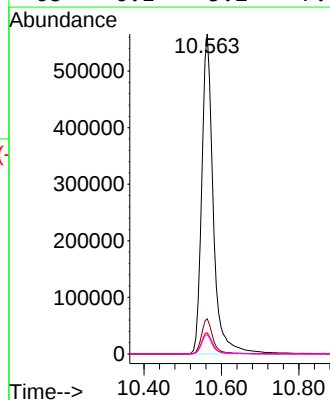
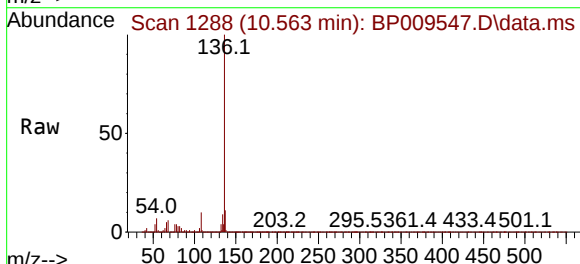
Instrument :
BNA_P
ClientSampleId :
PB143517BL

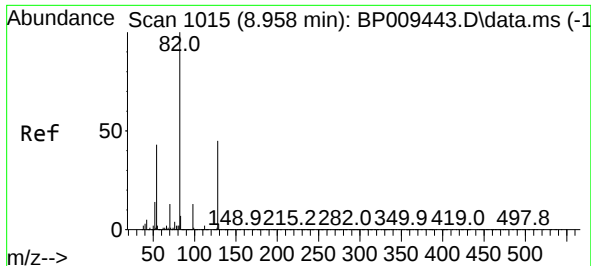
Tgt Ion: 99 Resp: 3311956
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

Tgt Ion: 136 Resp: 1163825
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8

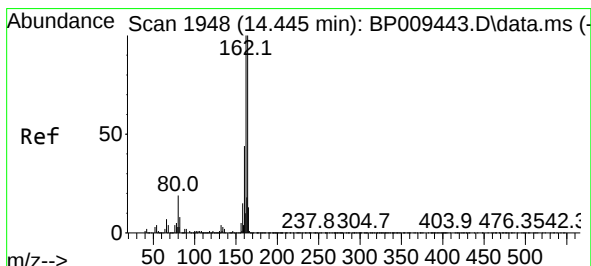
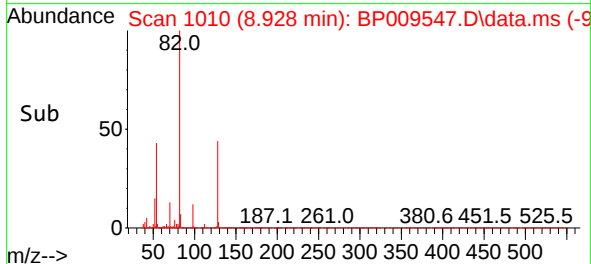
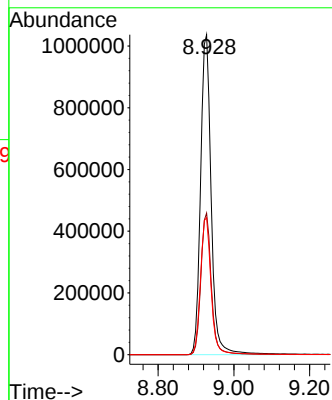
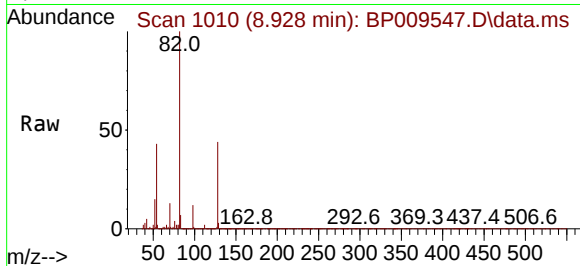




#23
Nitrobenzene-d5
Concen: 92.079 ng
RT: 8.928 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

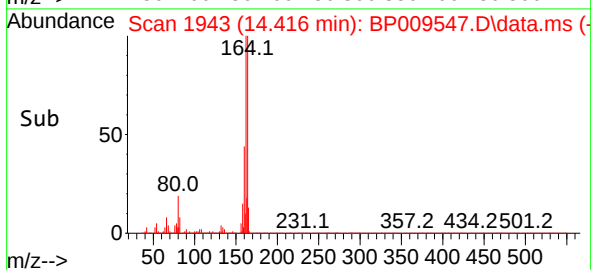
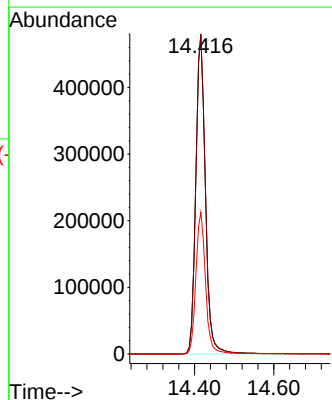
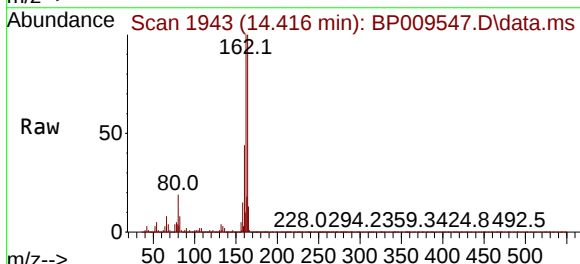
Instrument :
BNA_P
ClientSampleId :
PB143517BL

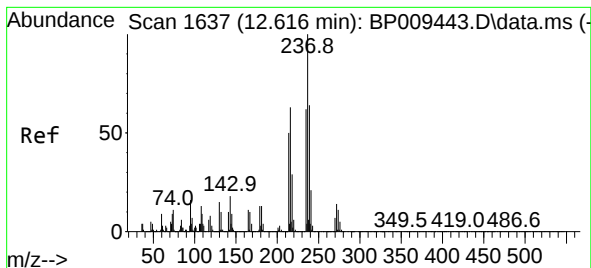
Tgt Ion: 82 Resp: 2016615
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 42.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

Tgt Ion: 164 Resp: 804055
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.5 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.289 ng

RT: 12.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009547.D

Acq: 25 Mar 2022 11:10

Instrument :

BNA_P

ClientSampleId :

PB143517BL

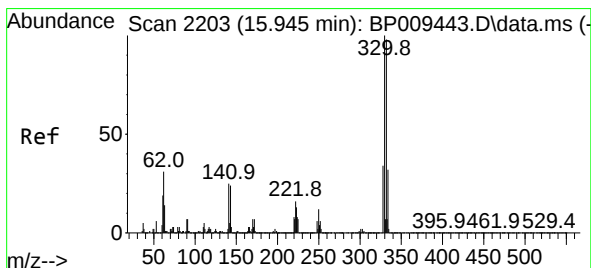
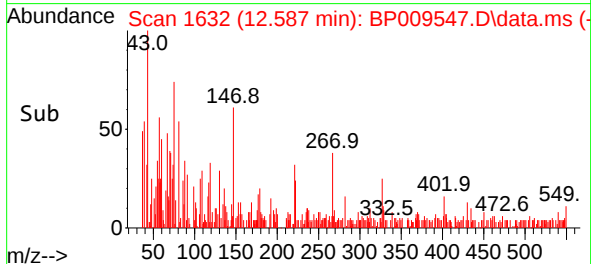
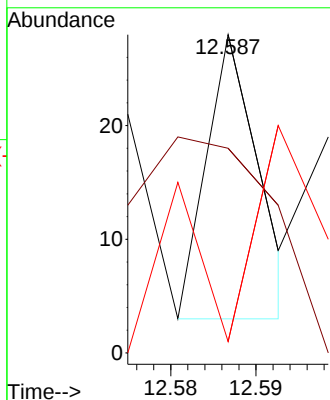
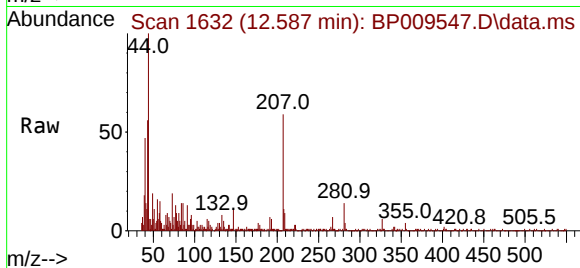
Tgt Ion:237 Resp: 11

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

272 3.6 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 127.002 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BP009547.D

Acq: 25 Mar 2022 11:10

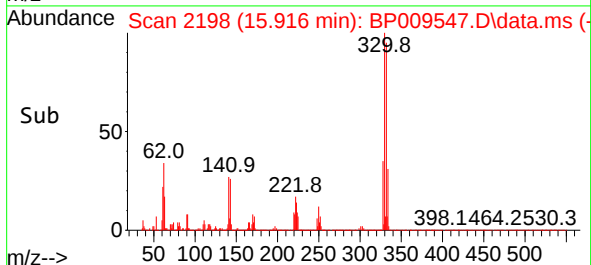
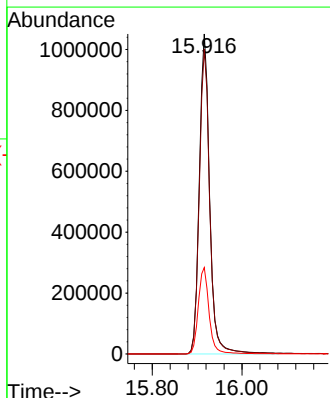
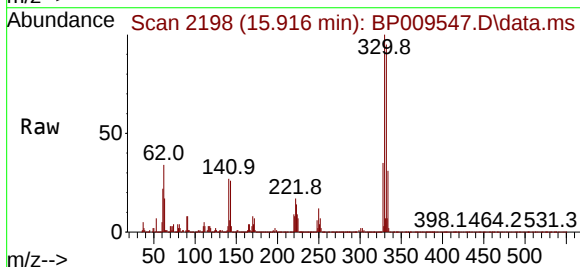
Tgt Ion:330 Resp: 1685105

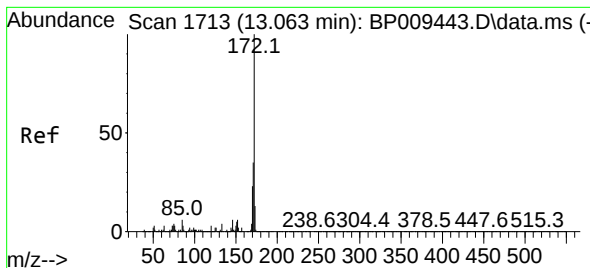
Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 28.4 27.6 41.4

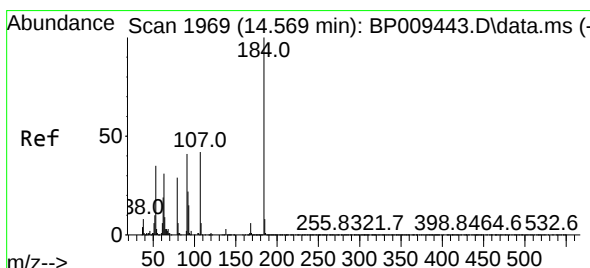
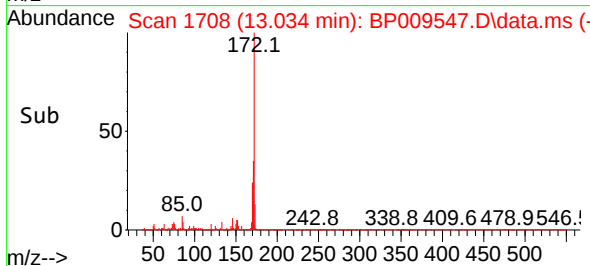
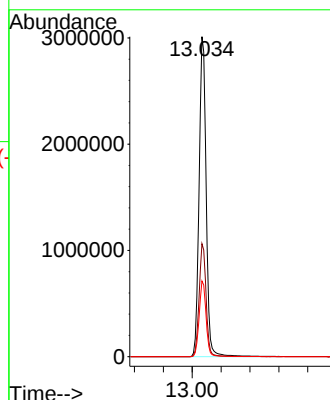
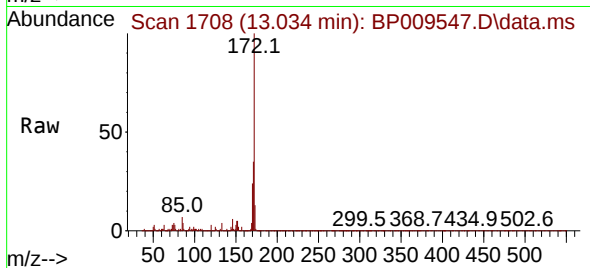




#45
2-Fluorobiphenyl
Concen: 87.817 ng
RT: 13.034 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

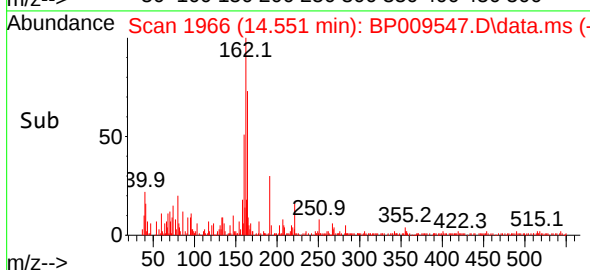
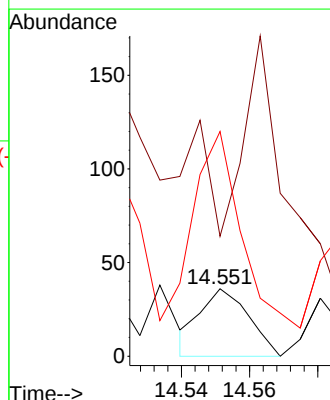
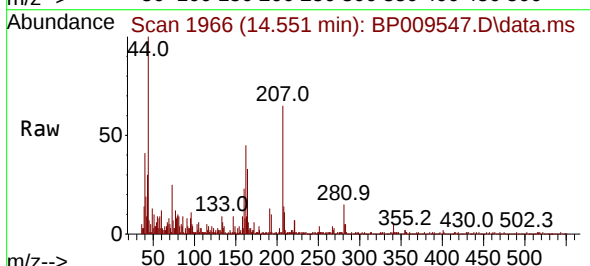
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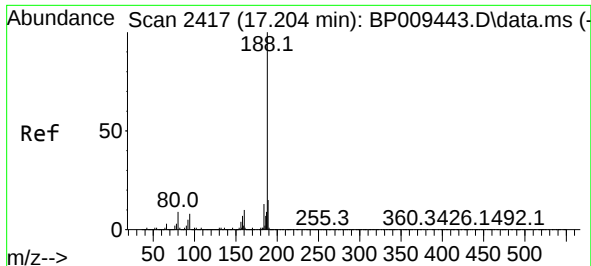
Tgt Ion:172 Resp: 5093420
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.6 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.537 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 177.8 46.3 69.5#
154 333.3 45.8 68.6#

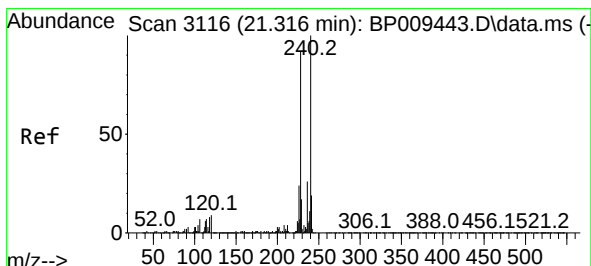
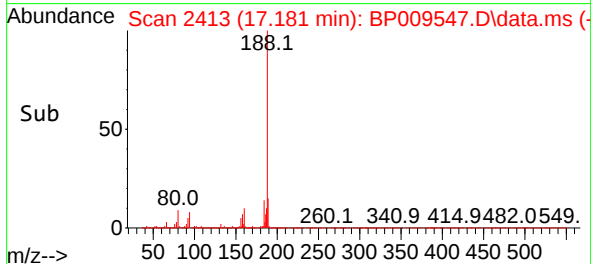
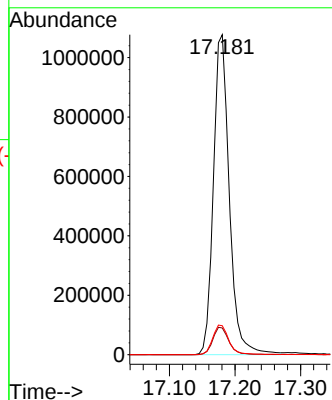
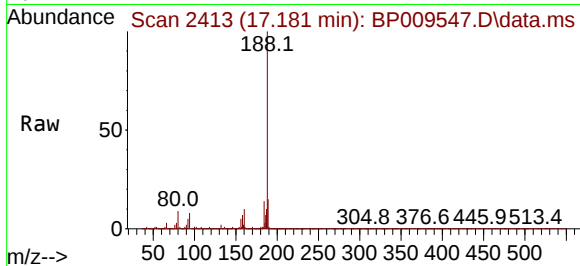




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

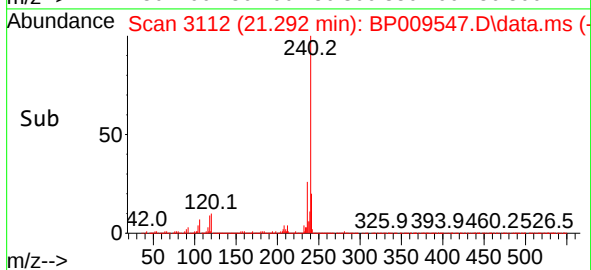
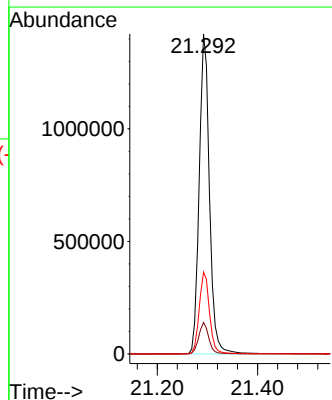
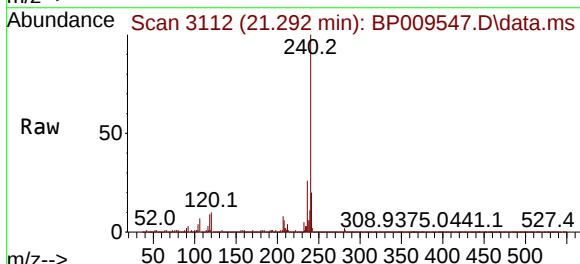
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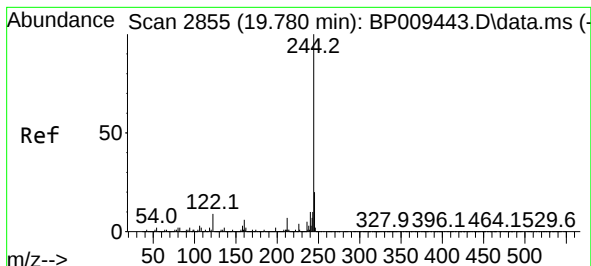
Tgt Ion:188 Resp: 1813313
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009547.D
Acq: 25 Mar 2022 11:10

Tgt Ion:240 Resp: 2012475
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 83.358 ng

RT: 19.763 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009547.D

Acq: 25 Mar 2022 11:10

Instrument :

BNA_P

ClientSampleId :

PB143517BL

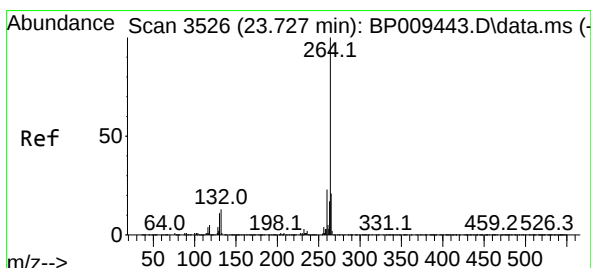
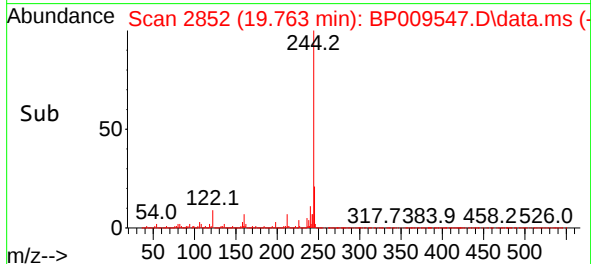
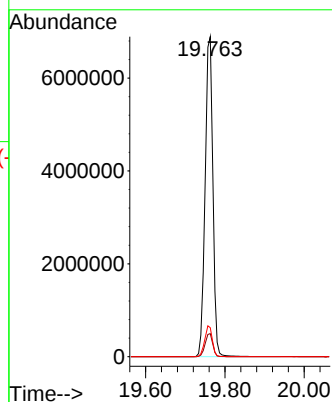
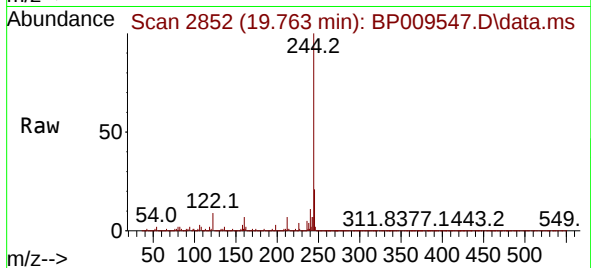
Tgt Ion:244 Resp: 9346343

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP009547.D

Acq: 25 Mar 2022 11:10

Tgt Ion:264 Resp: 2148448

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.7 17.2 25.8

