

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009564.D
 Acq On : 28 Mar 2022 13:25
 Operator : CG/JU
 Sample : PB143558TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143558TB

Quant Time: Mar 29 03:11:30 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)

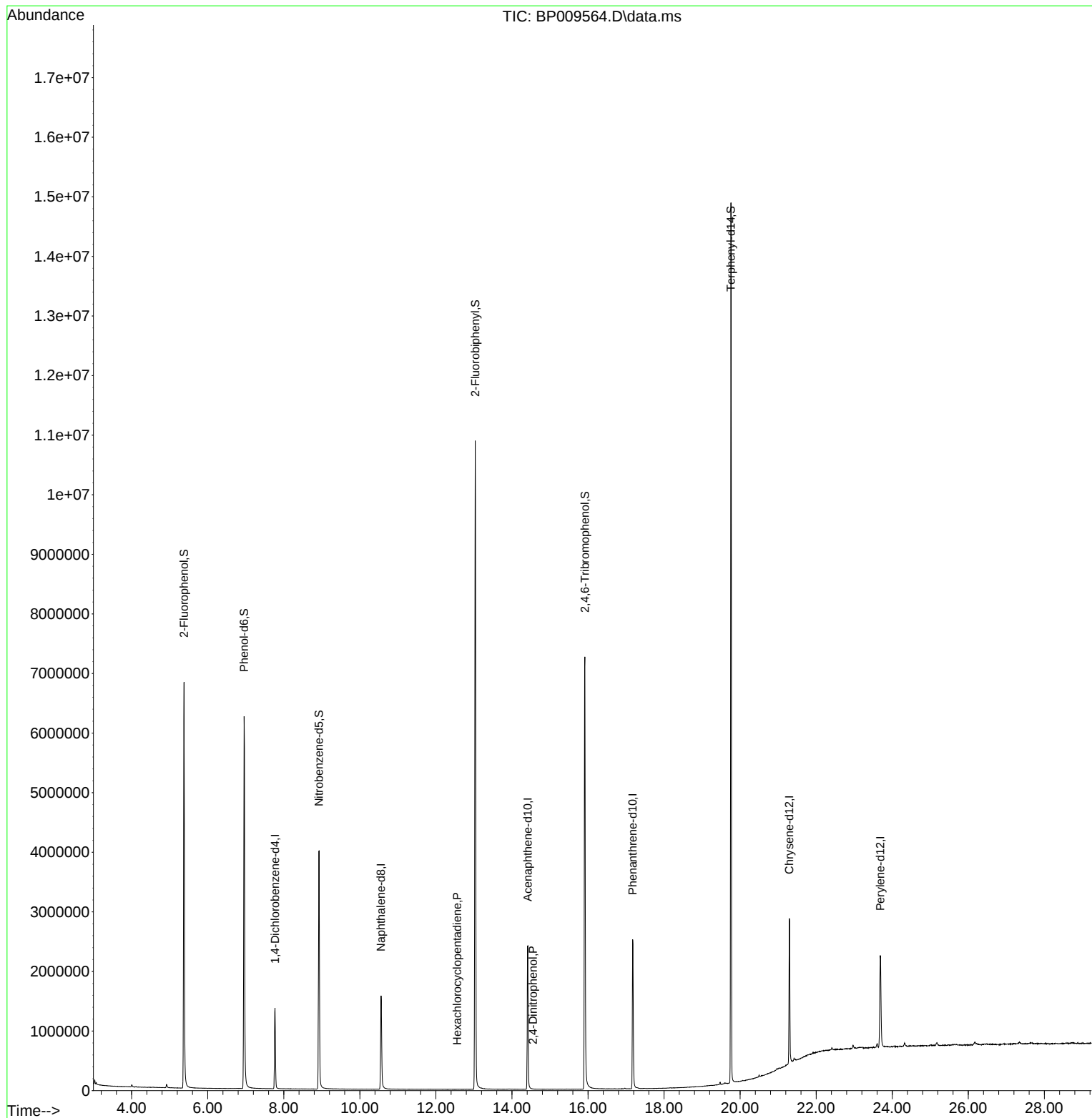
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	419328	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	1603184	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	970916	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1824747	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1429627	20.000	ng	0.00
86) Perylene-d12	23.686	264	1379073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3520879	146.597	ng	0.00
7) Phenol-d6	6.958	99	4299972	132.388	ng	0.00
23) Nitrobenzene-d5	8.922	82	2781915	92.212	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1788120	111.605	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	6455795	92.177	ng	0.00
79) Terphenyl-d14	19.757	244	7911763	99.332	ng	0.00
Target Compounds						
9) Benzaldehyde	6.869	77	298	Below Cal	#	28
41) Hexachlorocyclopentadiene	12.557	237	36	7.291	ng	85
54) 2,4-Dinitrophenol	14.551	184	37	4.536	ng	# 1

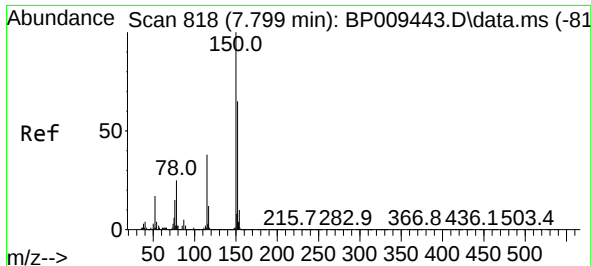
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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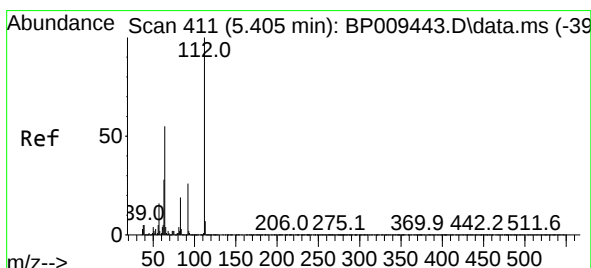
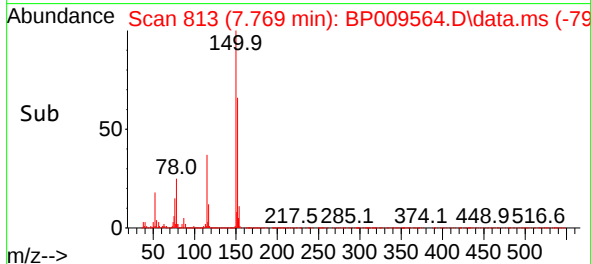
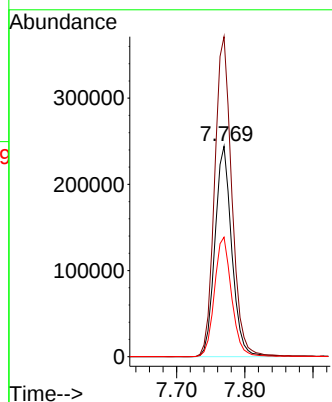
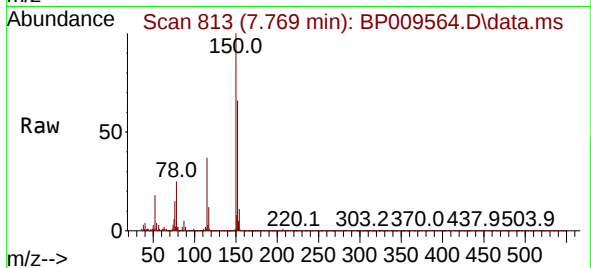




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009564.D
 Acq: 28 Mar 2022 13:25

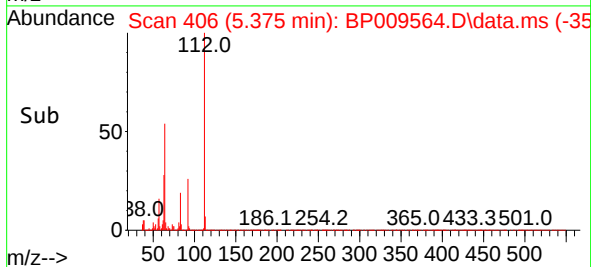
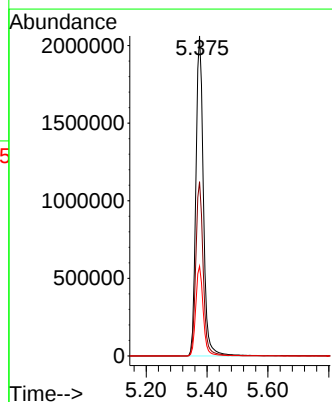
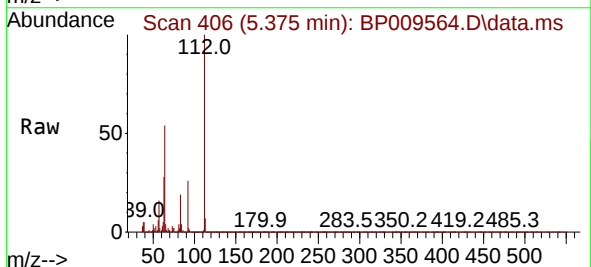
Instrument :
 BNA_P
 ClientSampleId :
 PB143558TB

Tgt Ion:152 Resp: 419328
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.5 186.7
 115 56.8 48.2 72.4



#5
 2-Fluorophenol
 Concen: 146.597 ng
 RT: 5.375 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BP009564.D
 Acq: 28 Mar 2022 13:25

Tgt Ion:112 Resp: 3520879
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.0 67.4
 63 28.0 23.0 34.6



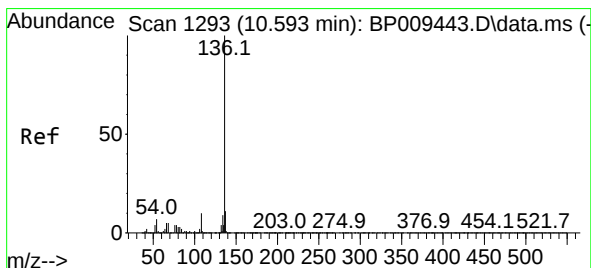
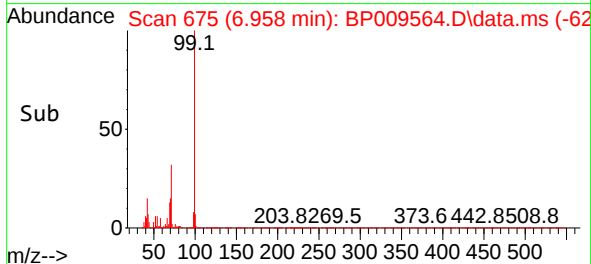
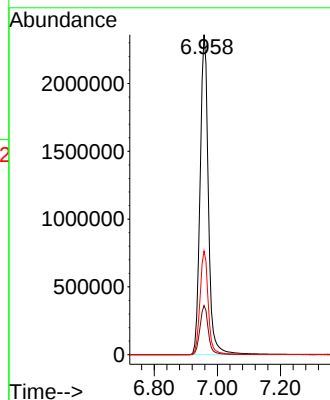
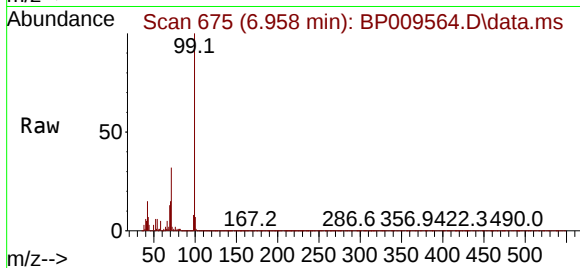


#7
Phenol-d6
Concen: 132.388 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Instrument :
BNA_P
ClientSampleId :
PB143558TB

Tgt Ion: 99 Resp: 4299972

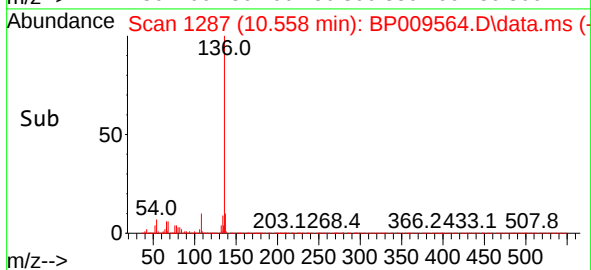
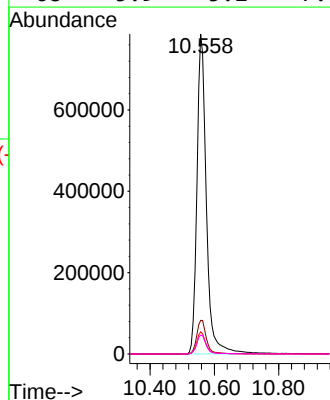
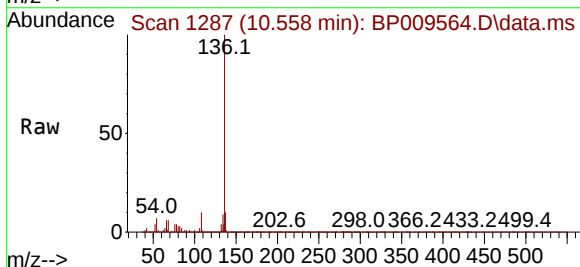
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	32.4	26.3	39.5

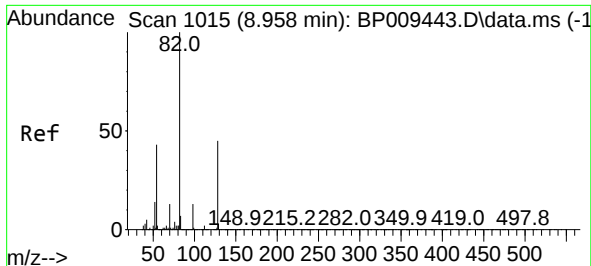


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.558 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Tgt Ion: 136 Resp: 1603184

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.9	5.8	8.8
68	5.9	5.2	7.8

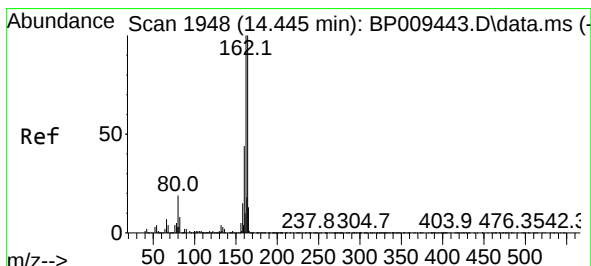
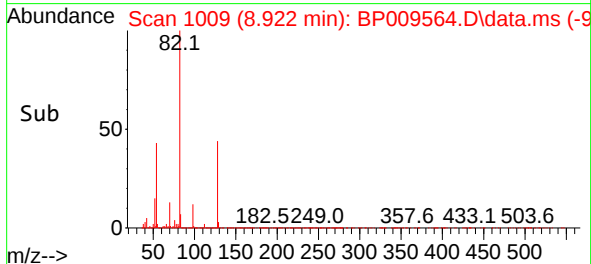
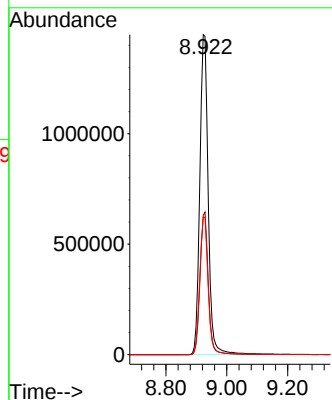
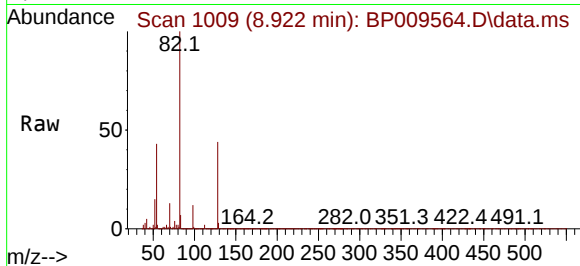




#23
Nitrobenzene-d5
Concen: 92.212 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

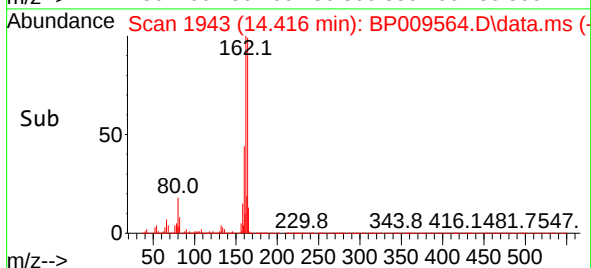
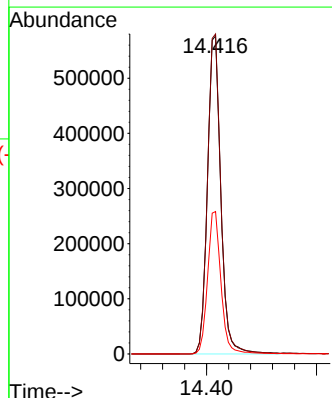
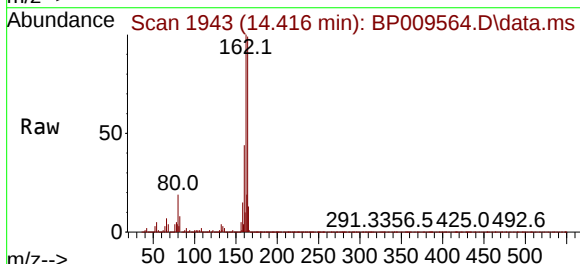
Instrument :
BNA_P
ClientSampleId :
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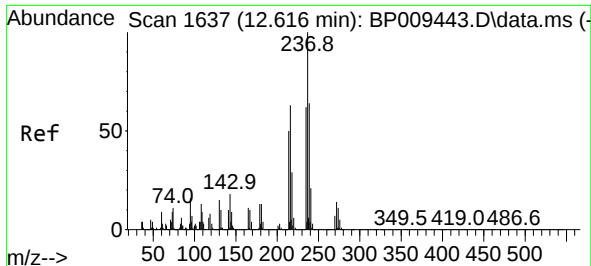
Tgt Ion: 82 Resp: 2781915
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Tgt Ion:164 Resp: 970916
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 44.8 34.9 52.3

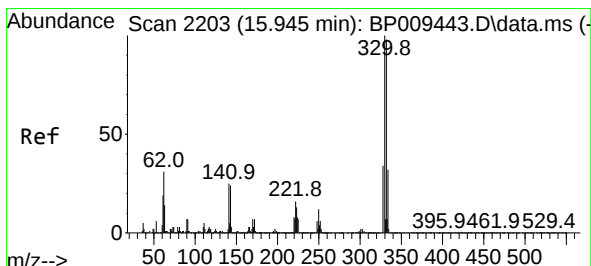
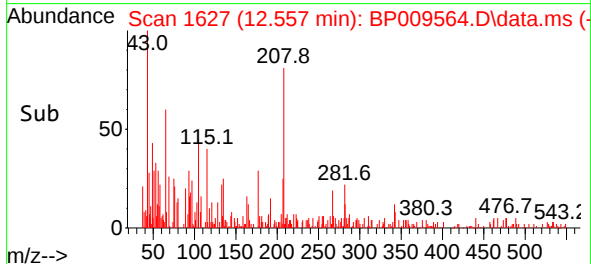
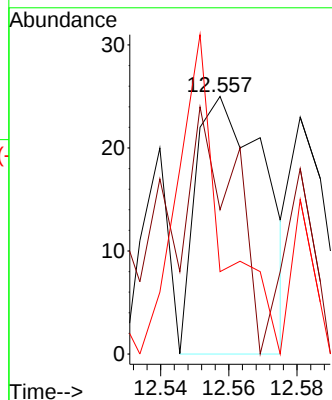
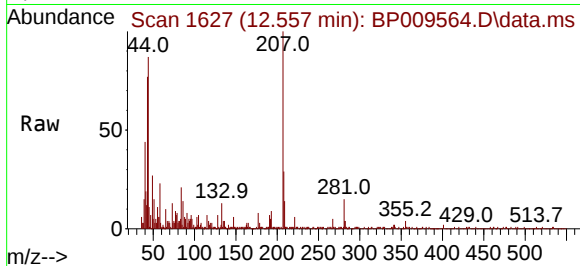




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

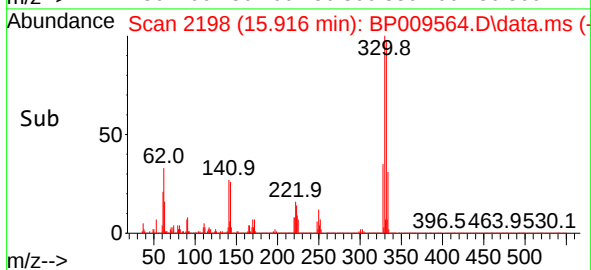
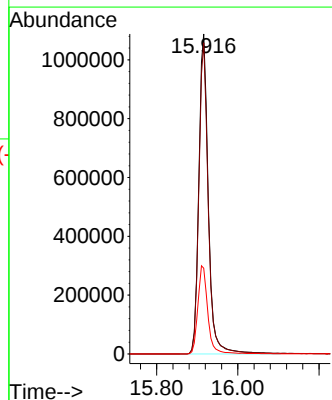
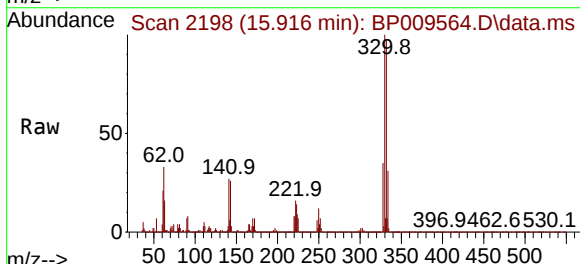
Instrument :
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ClientSampleId :
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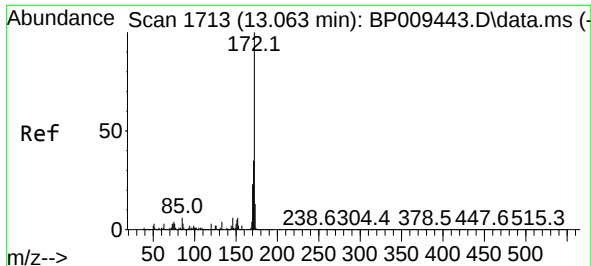
Tgt Ion:237	Resp:	36
Ion	Ratio	Lower Upper
237	100	
235	56.0	42.6 82.6
272	32.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 111.605 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Tgt Ion:330	Resp:	1788120
Ion	Ratio	Lower Upper
330	100	
332	95.9	77.0 115.6
141	28.9	27.6 41.4

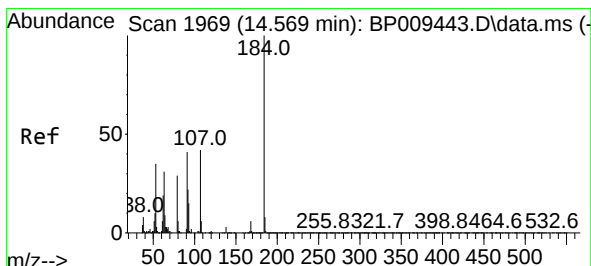
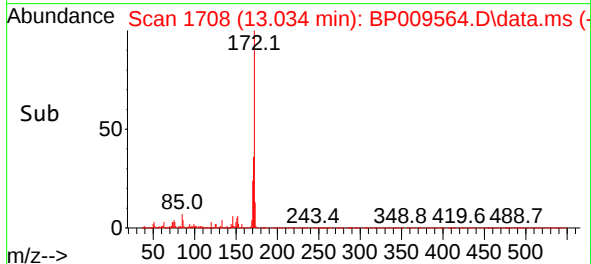
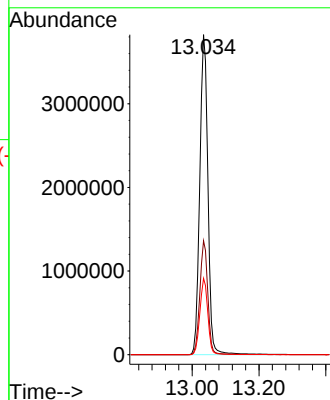
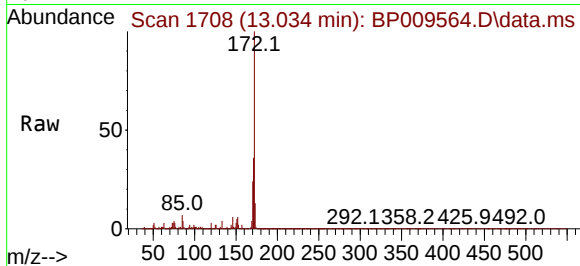




#45
2-Fluorobiphenyl
Concen: 92.177 ng
RT: 13.034 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

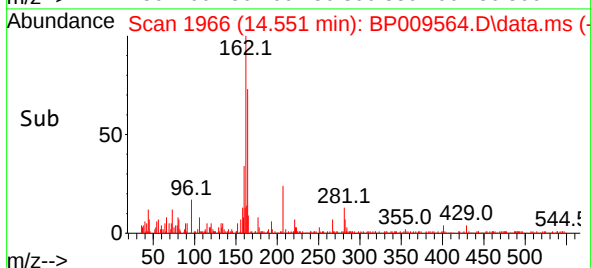
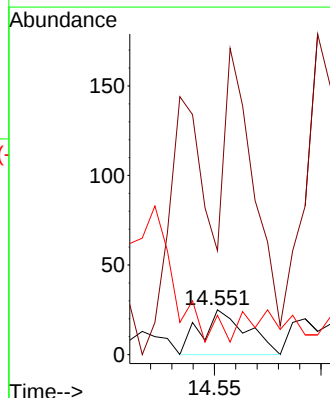
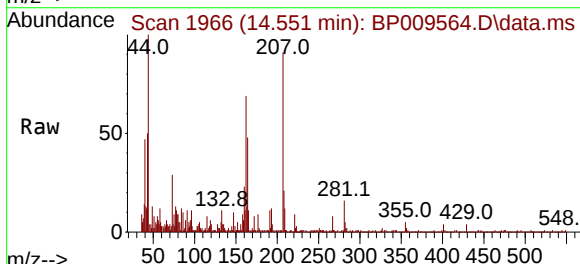
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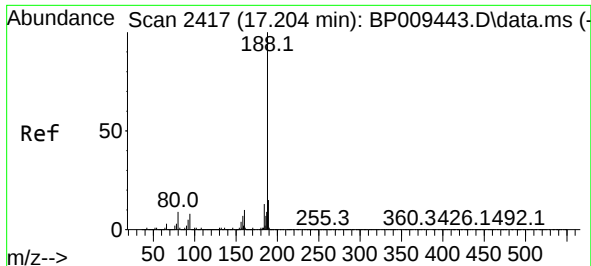
Tgt Ion:172 Resp: 6455795
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.8 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.536 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 232.0 46.3 69.5#
154 88.0 45.8 68.6#

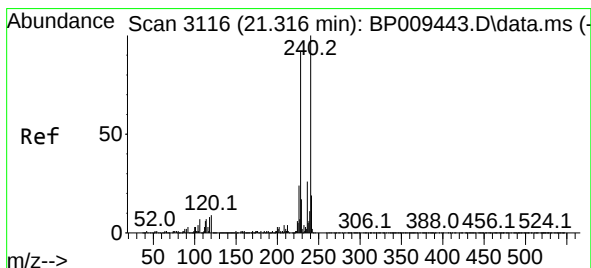
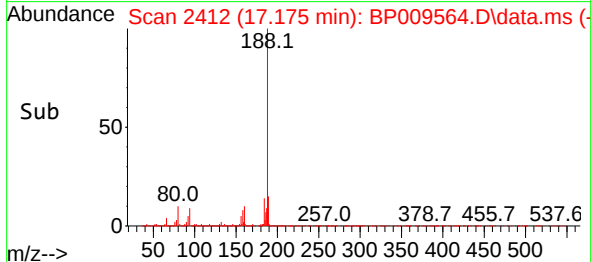
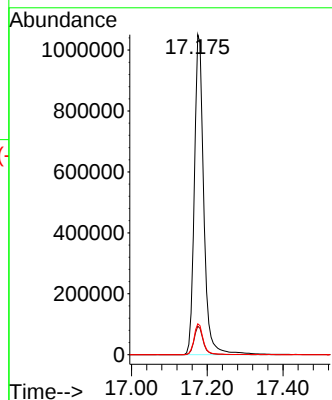
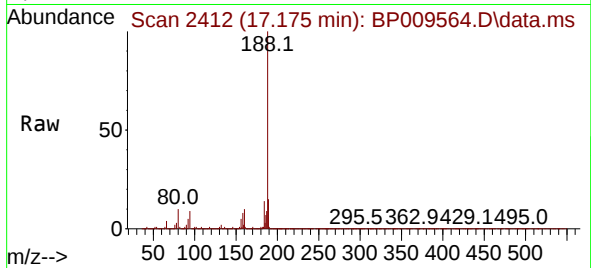




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

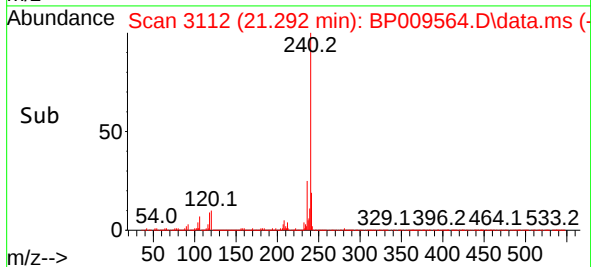
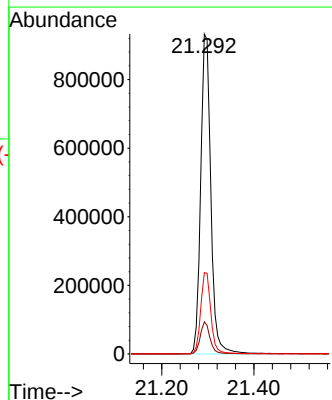
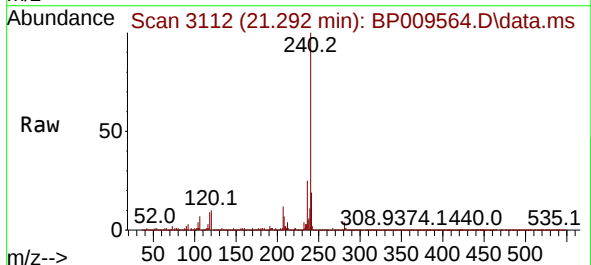
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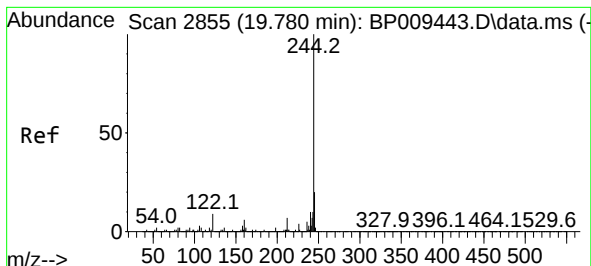
Tgt Ion:188 Resp: 1824747
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.7 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009564.D
Acq: 28 Mar 2022 13:25

Tgt Ion:240 Resp: 1429627
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.4 20.6 30.8





#79

Terphenyl-d14

Concen: 99.332 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009564.D

Acq: 28 Mar 2022 13:25

Instrument :

BNA_P

ClientSampleId :

PB143558TB

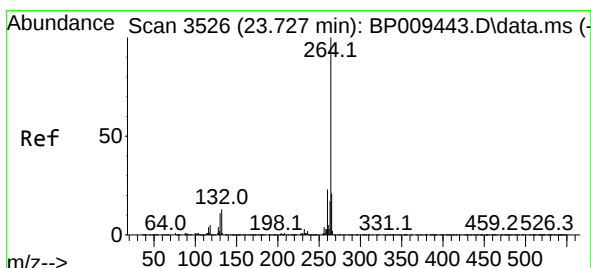
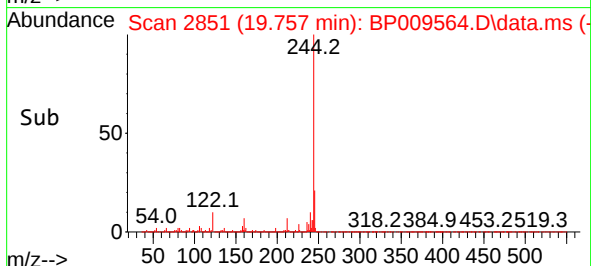
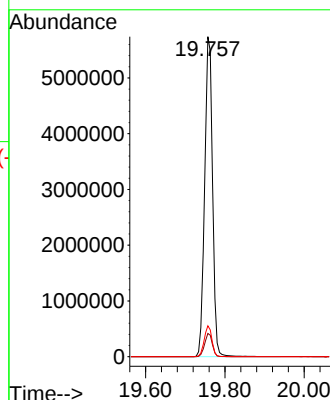
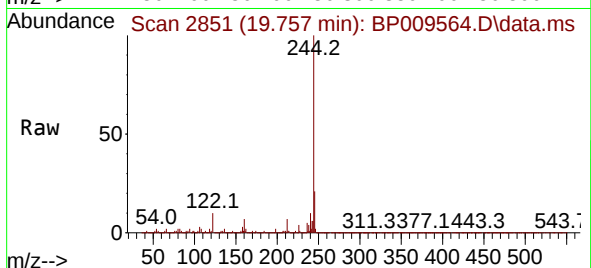
Tgt Ion:244 Resp: 7911763

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.7 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: BP009564.D

Acq: 28 Mar 2022 13:25

Tgt Ion:264 Resp: 1379073

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.5 17.2 25.8

