

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009640.D
 Acq On : 31 Mar 2022 15:35
 Operator : CG/JU
 Sample : N2202-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHF

Quant Time: Apr 01 04:09:55 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)

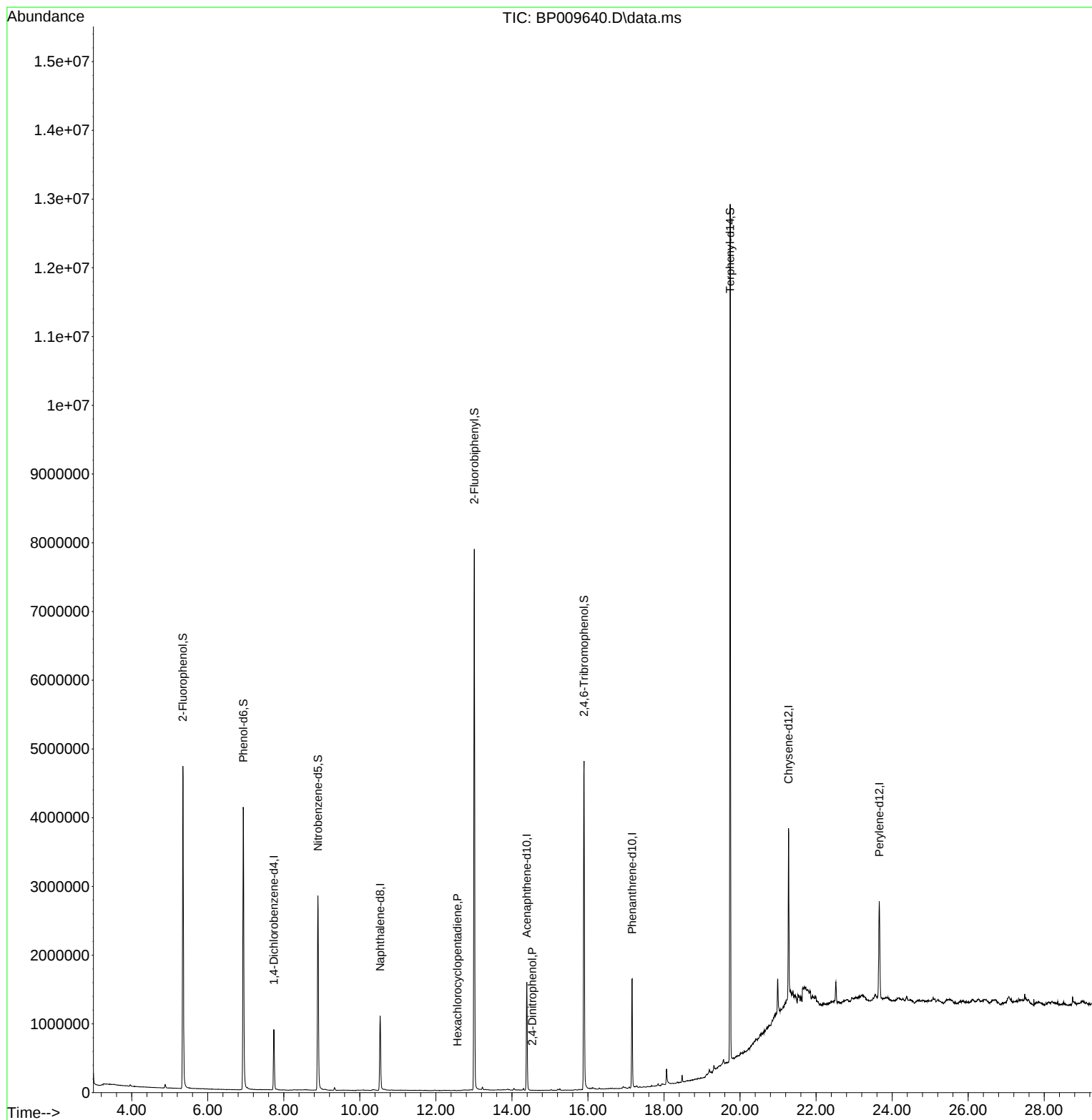
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	276403	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1063382	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	601450	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1128579	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1294198	20.000	ng	0.00
86) Perylene-d12	23.662	264	1190983	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2484754	156.952	ng	0.00
7) Phenol-d6	6.934	99	2882359	134.630	ng	0.00
23) Nitrobenzene-d5	8.899	82	1930959	96.496	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1252133	126.160	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4527481	104.355	ng	0.00
79) Terphenyl-d14	19.739	244	6524677	90.489	ng	0.00
Target Compounds						
9) Benzaldehyde	6.881	77	244	Below Cal	#	38
41) Hexachlorocyclopentadiene	12.569	237	23	7.291	ng	81
54) 2,4-Dinitrophenol	14.534	184	191	4.563	ng	# 81

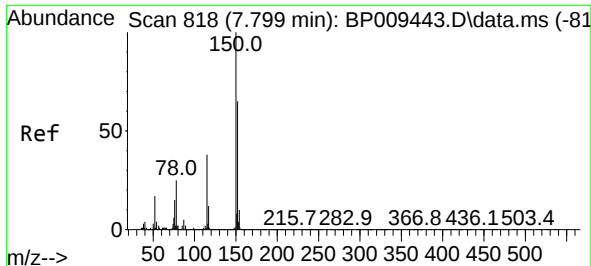
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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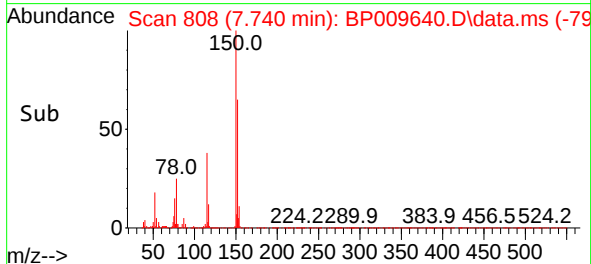
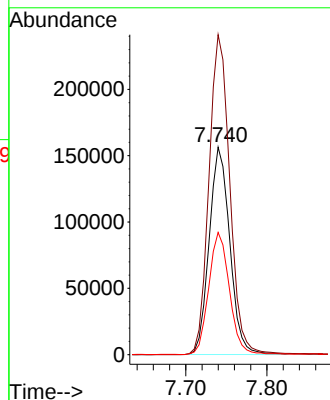
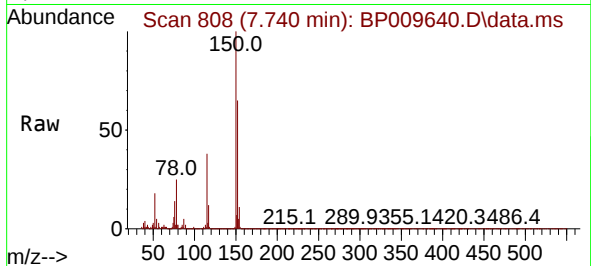




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009640.D
 Acq: 31 Mar 2022 15:35

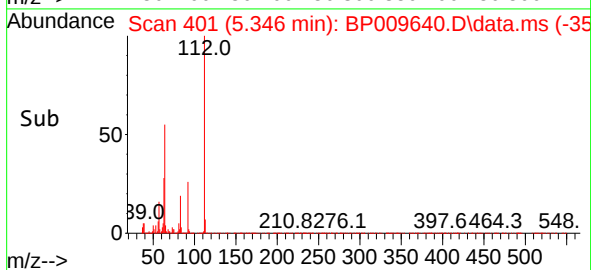
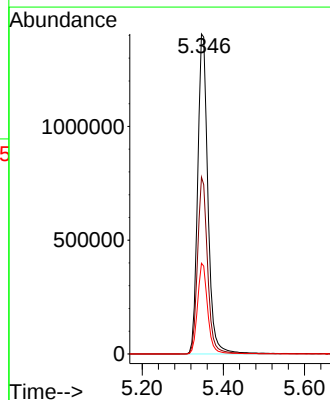
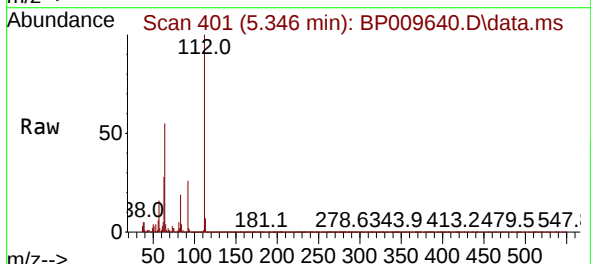
Instrument :
 BNA_P
 ClientSampleId :
 MHF

Tgt Ion:152 Resp: 276403
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.5 186.7
 115 58.9 48.2 72.4



#5
 2-Fluorophenol
 Concen: 156.952 ng
 RT: 5.346 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP009640.D
 Acq: 31 Mar 2022 15:35

Tgt Ion:112 Resp: 2484754
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.0 67.4
 63 28.4 23.0 34.6



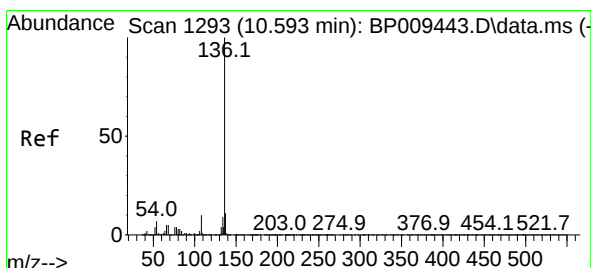
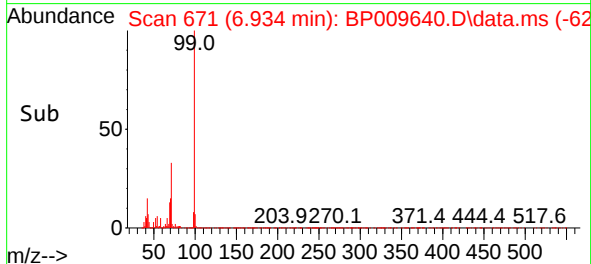
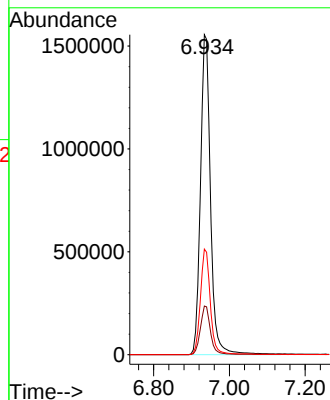
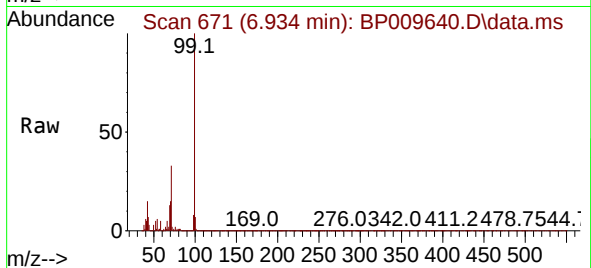


#7
Phenol-d6
Concen: 134.630 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Instrument :
BNA_P
ClientSampleId :
MHF

Tgt Ion: 99 Resp: 2882359

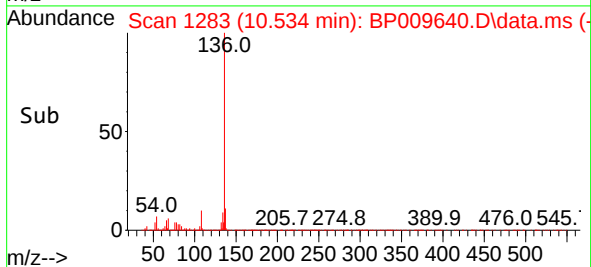
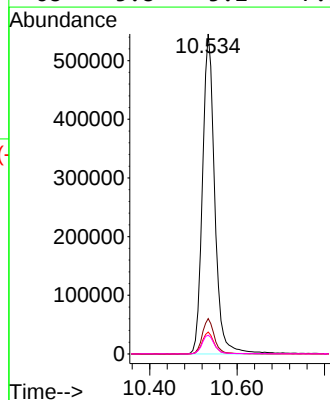
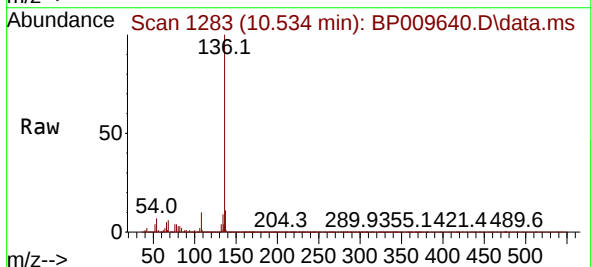
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	33.0	26.3	39.5

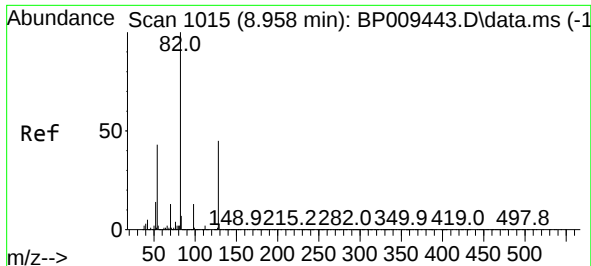


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Tgt Ion: 136 Resp: 1063382

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.8	5.8	8.8
68	5.8	5.2	7.8

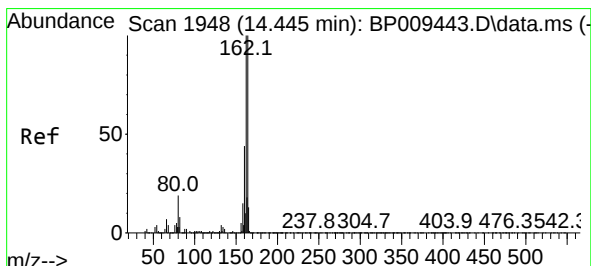
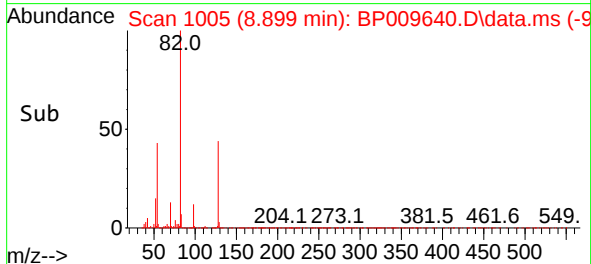
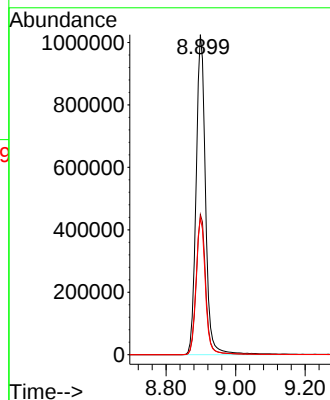
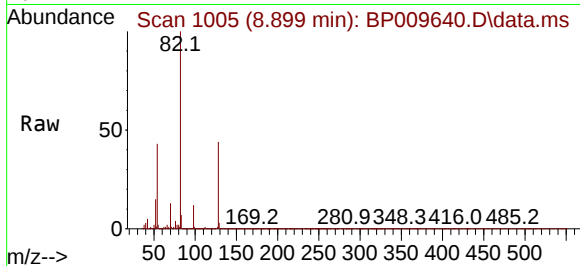




#23
Nitrobenzene-d5
Concen: 96.496 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

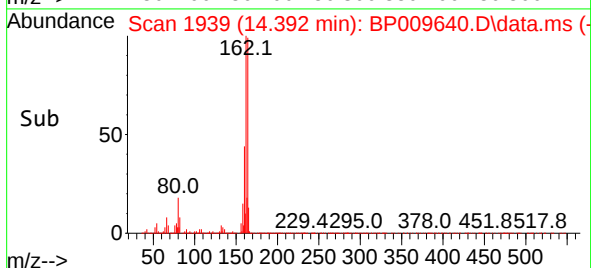
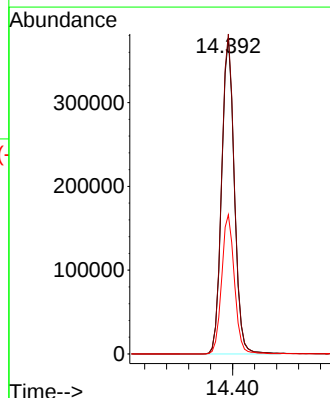
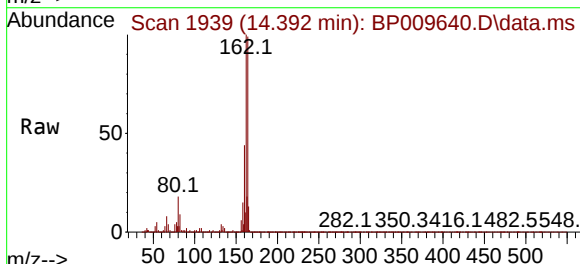
Instrument :
BNA_P
ClientSampleId :
MHF

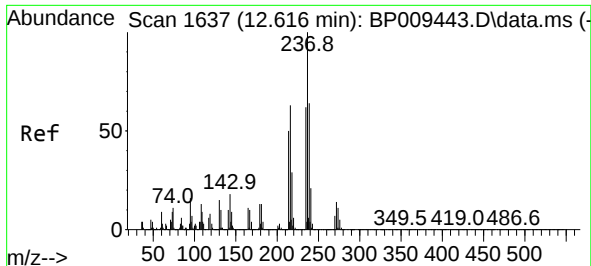
Tgt Ion: 82 Resp: 1930959
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Tgt Ion:164 Resp: 601450
Ion Ratio Lower Upper
164 100
162 101.3 79.1 118.7
160 44.1 34.9 52.3

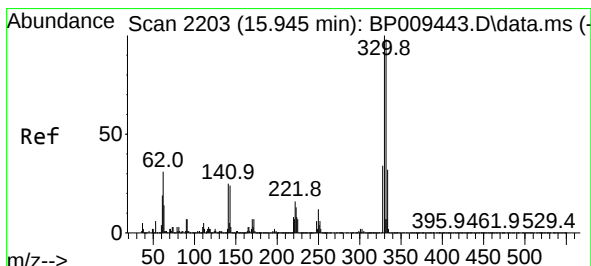
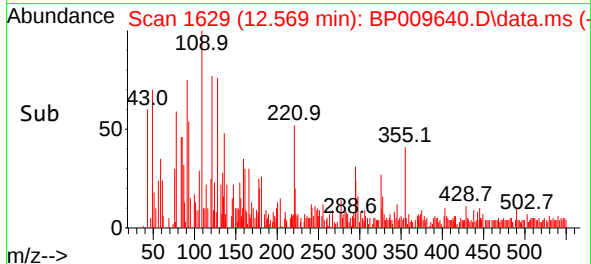
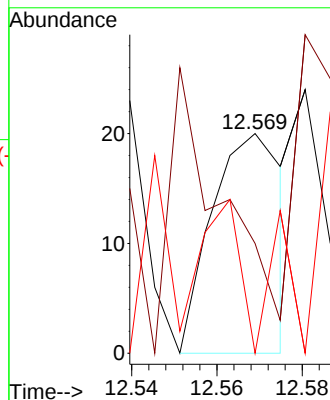
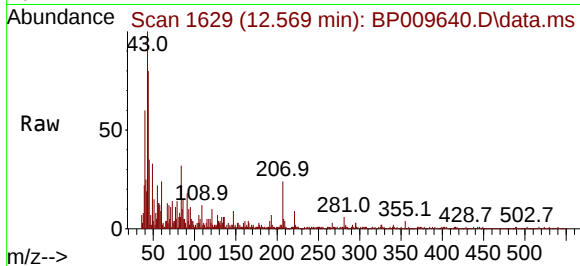




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

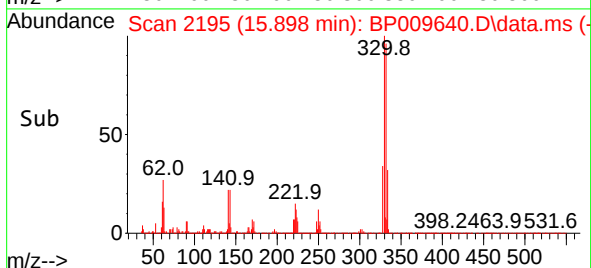
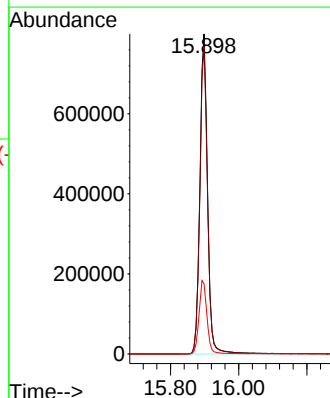
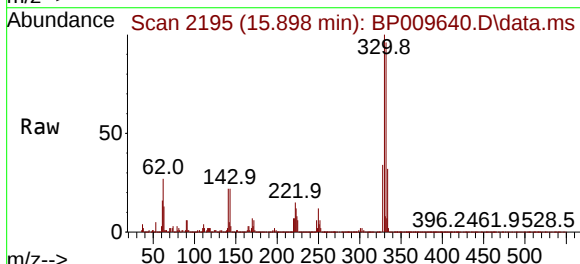
Instrument :
BNA_P
ClientSampleId :
MHF

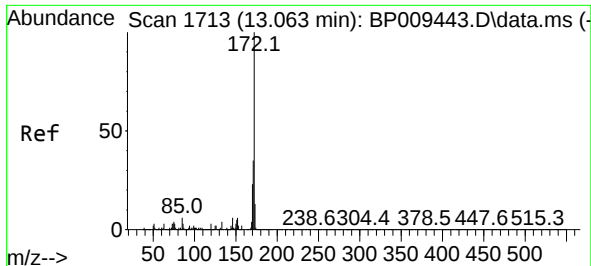
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 126.160 ng
RT: 15.898 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Tgt Ion:	330	Resp:	1252133
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.7	27.6	41.4

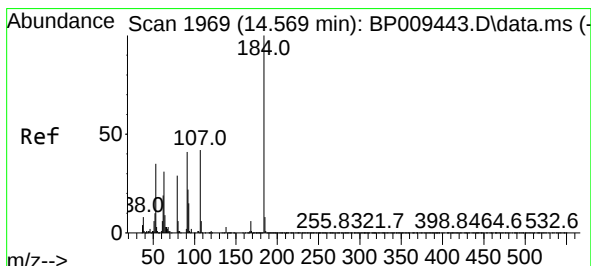
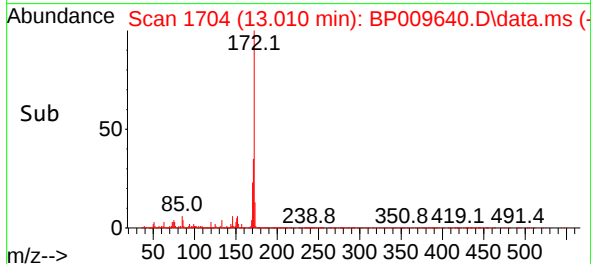
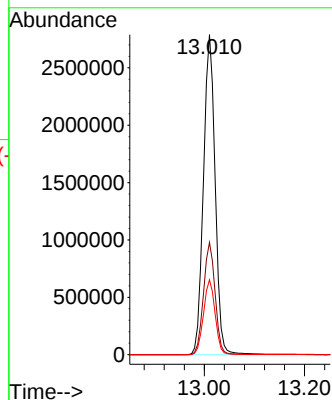
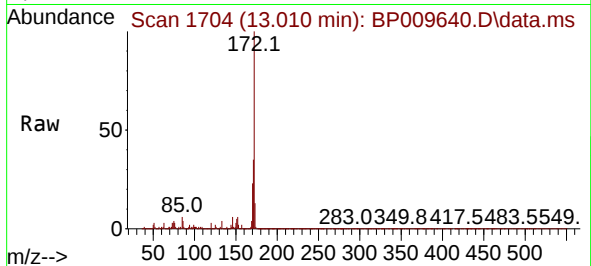




#45
2-Fluorobiphenyl
Concen: 104.355 ng
RT: 13.010 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

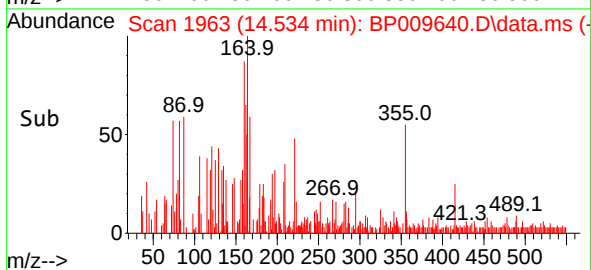
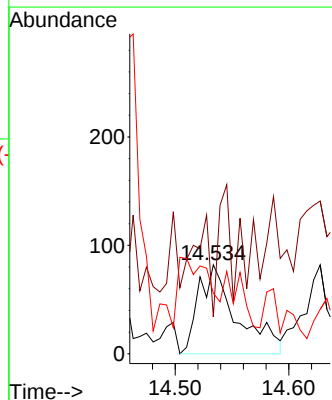
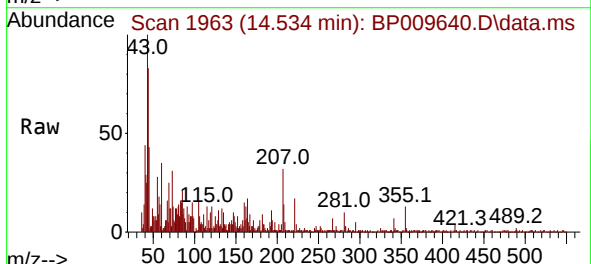
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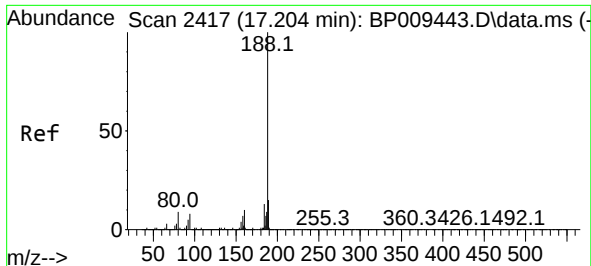
Tgt Ion:172 Resp: 4527481
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.4 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.563 ng
RT: 14.534 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Tgt Ion:184 Resp: 191
Ion Ratio Lower Upper
184 100
63 41.5 46.3 69.5#
154 68.3 45.8 68.6

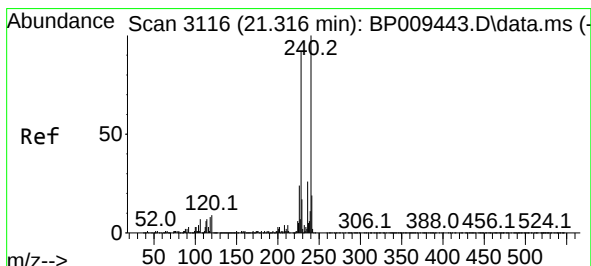
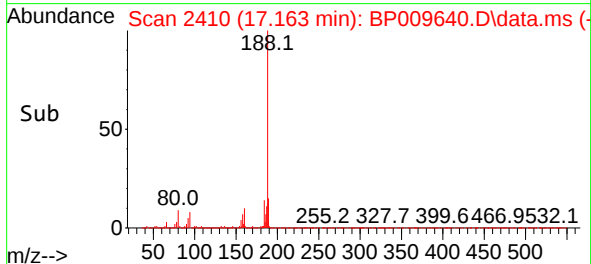
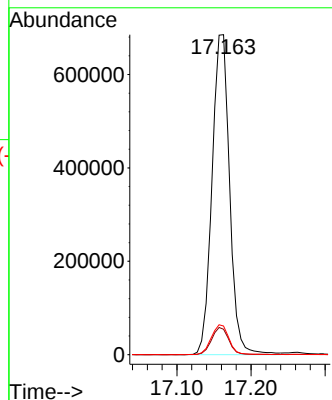
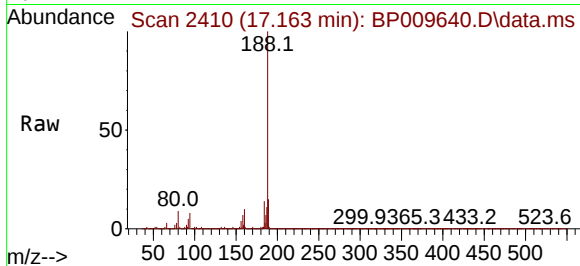




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

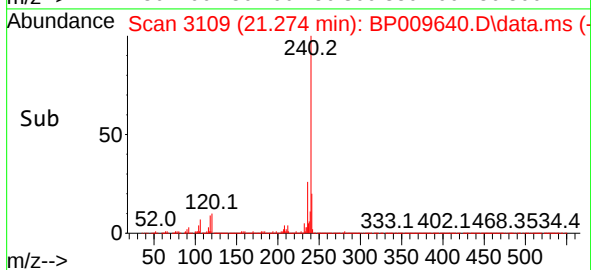
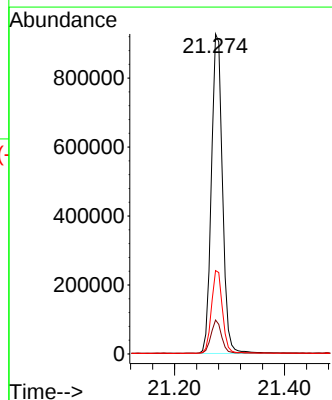
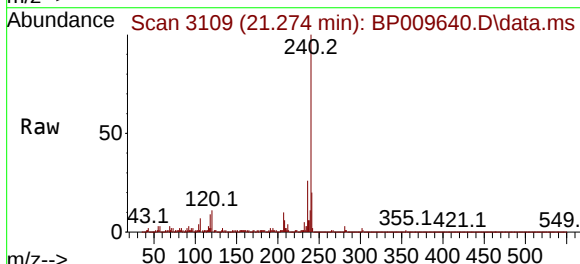
Instrument :
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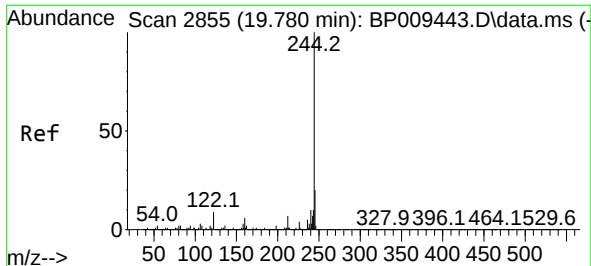
Tgt Ion:188 Resp: 1128579
Ion Ratio Lower Upper
188 100
94 8.0 7.9 11.9
80 9.0 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BP009640.D
Acq: 31 Mar 2022 15:35

Tgt Ion:240 Resp: 1294198
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.0 20.6 30.8

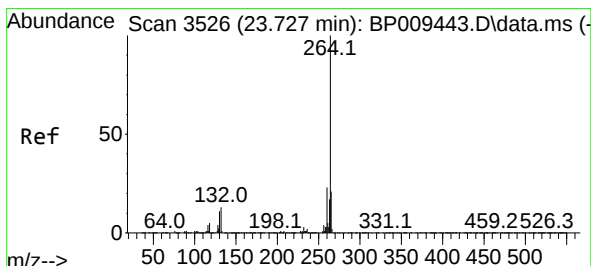
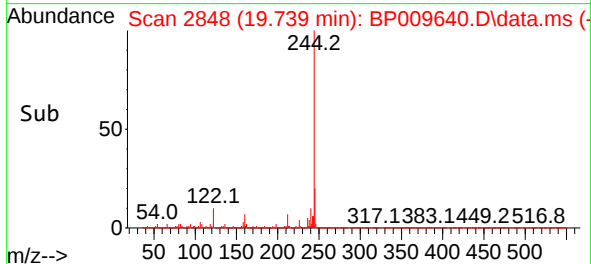
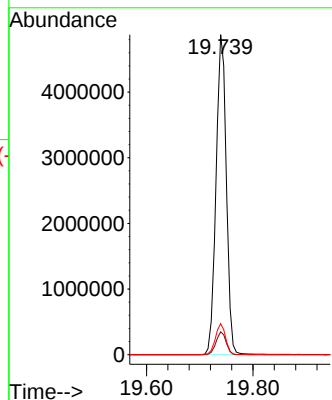
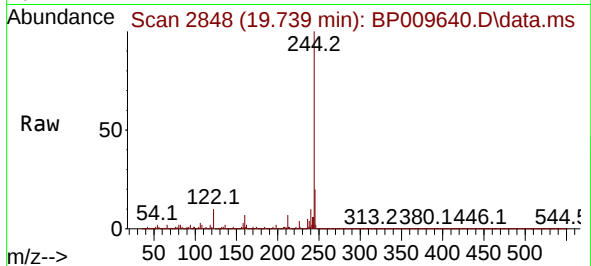




#79
 Terphenyl-d14
 Concen: 90.489 ng
 RT: 19.739 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP009640.D
 Acq: 31 Mar 2022 15:35

Instrument :
 BNA_P
 ClientSampleId :
 MHF

Tgt Ion:244 Resp: 6524677
 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: 23.662 min Scan# 3515
 Delta R.T. 0.012 min
 Lab File: BP009640.D
 Acq: 31 Mar 2022 15:35

Tgt Ion:264 Resp: 1190983
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.4 17.2 25.8

