

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
 Data File : BP005616.D
 Acq On : 19 May 2021 17:44
 Operator : CG/JU
 Sample : M2450-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EME-19

Quant Time: May 20 03:25:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

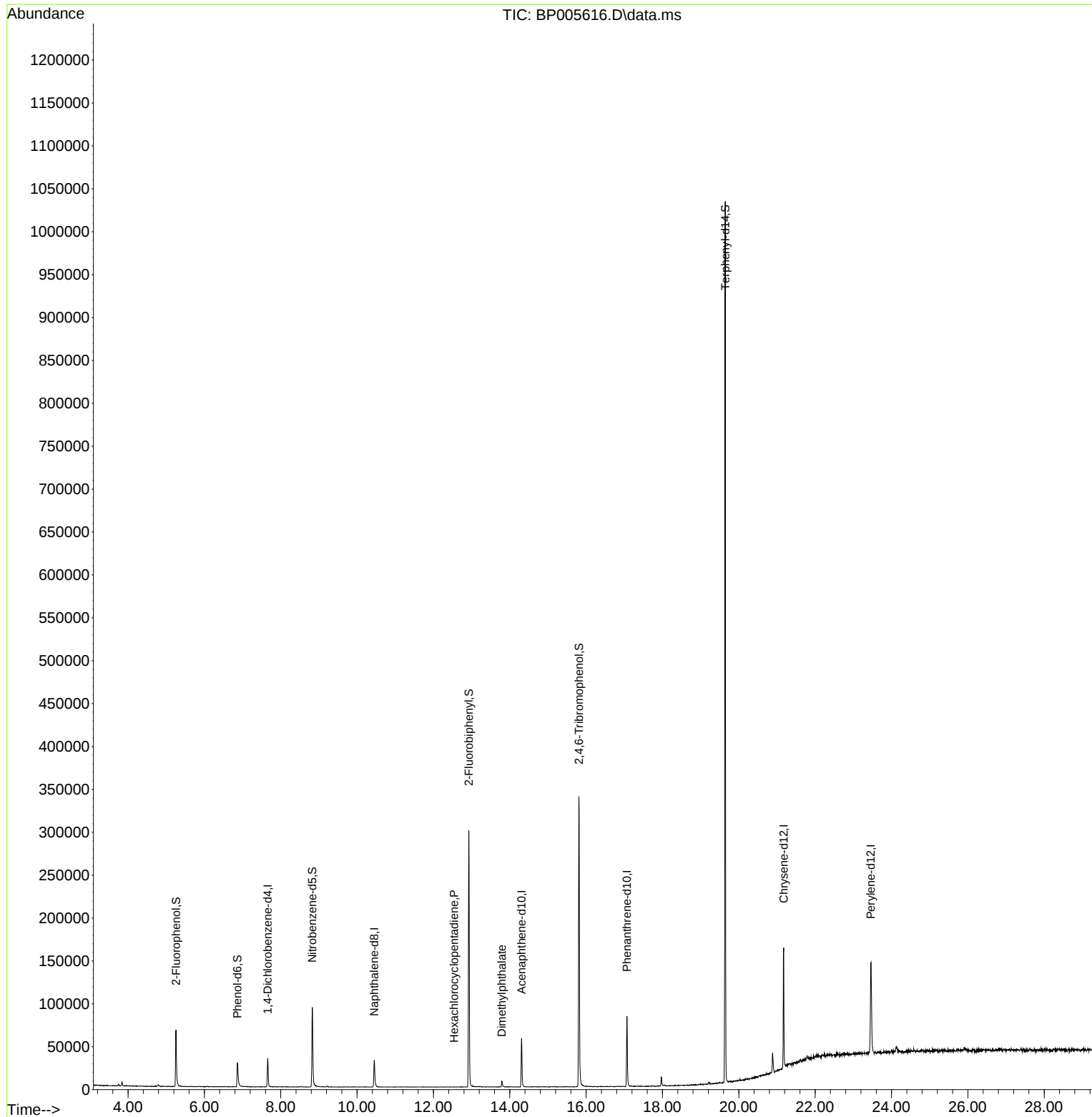
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	6228	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	19519	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	15886	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	46081	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	70485	20.00	ng	# 0.00
86) Perylene-d12	23.457	264	87843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	20306	62.57	ng	0.00
7) Phenol-d6	6.863	99	12501	30.89	ng	0.00
23) Nitrobenzene-d5	8.828	82	49238	99.29	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	62711	139.11	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	127933	90.84	ng	0.00
79) Terphenyl-d14	19.645	244	403295	97.17	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	21	Below Cal	#	1
9) Benzaldehyde	6.828	77	24	Below Cal	#	20
41) Hexachlorocyclopentadiene	12.540	237	11	7.90	ng	87
50) Dimethylphthalate	13.793	163	3926	2.86	ng	# 94

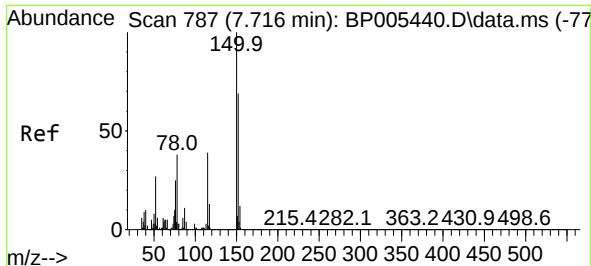
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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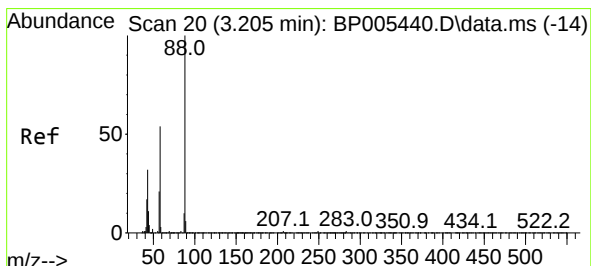
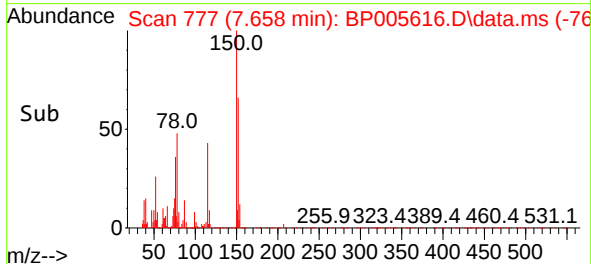
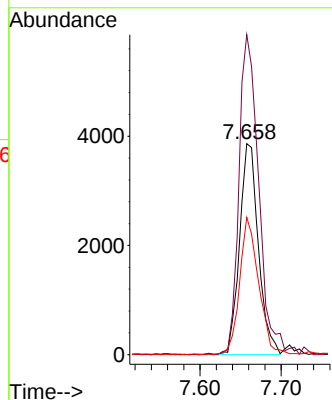
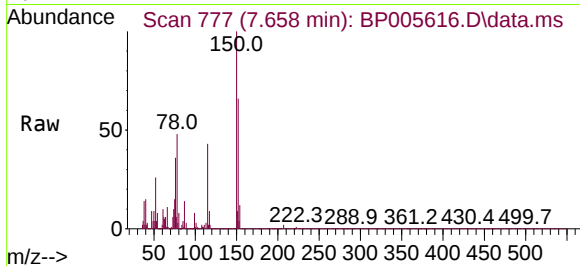




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

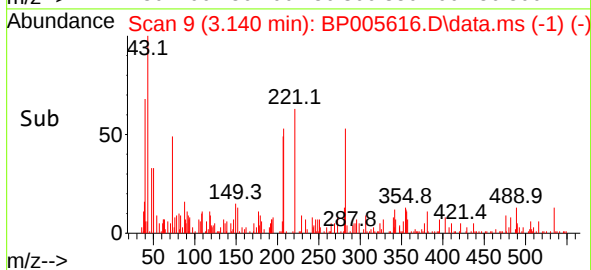
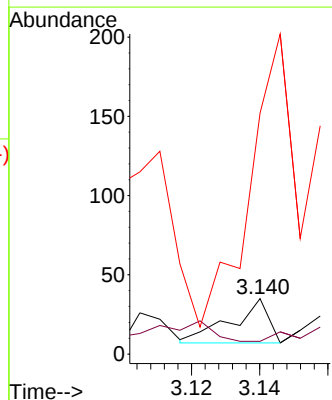
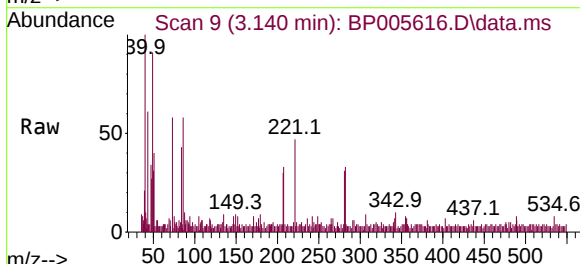
Instrument :
BNA_P
ClientSampled :
EME-19

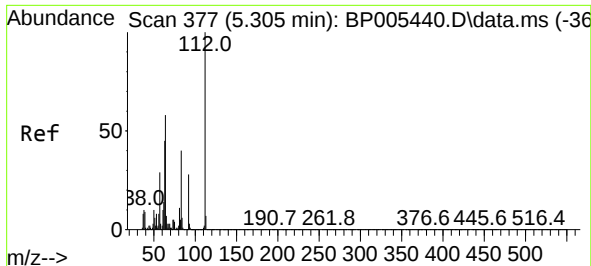
Tgt Ion:152 Resp: 6228
Ion Ratio Lower Upper
152 100
150 151.6 119.8 179.8
115 65.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 1147.6 19.8 29.8#

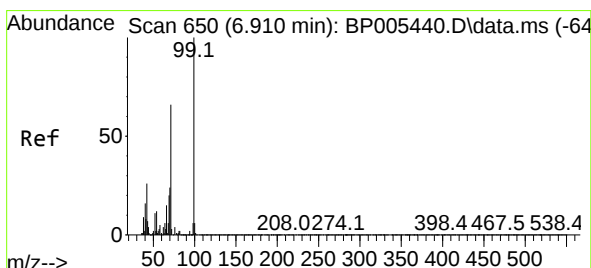
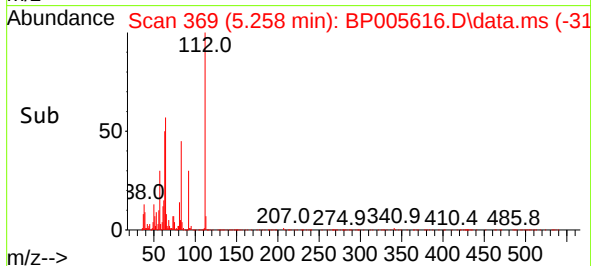
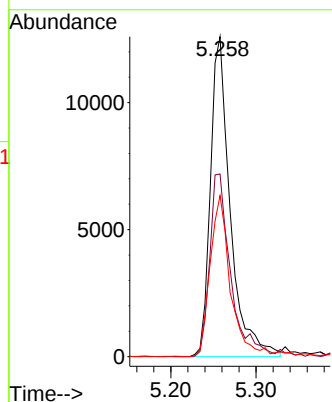
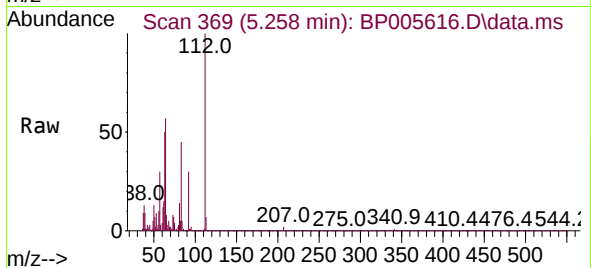




#5
2-Fluorophenol
Concen: 62.57 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

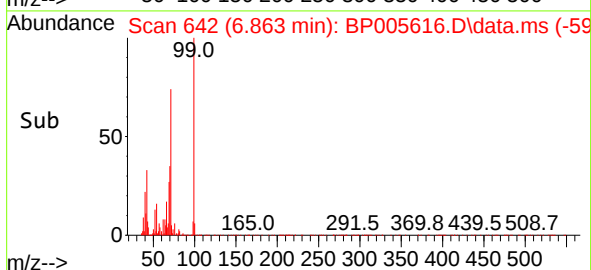
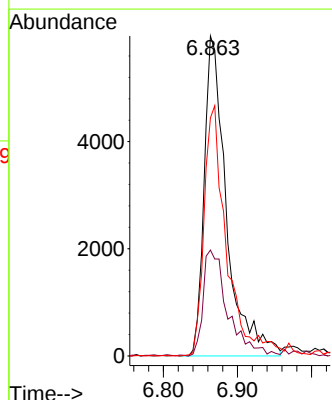
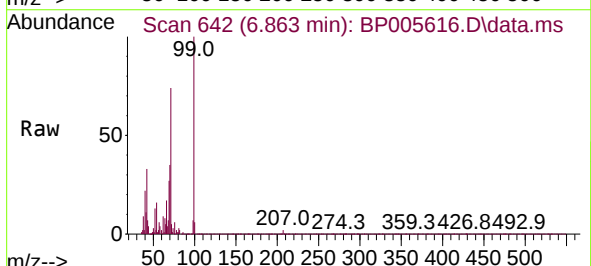
Instrument :
BNA_P
ClientSampleId :
EME-19

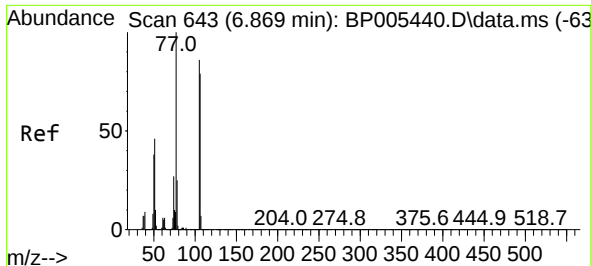
Tgt Ion:112 Resp: 20306
Ion Ratio Lower Upper
112 100
64 57.1 33.6 50.4#
63 50.4 18.6 27.8#



#7
Phenol-d6
Concen: 30.89 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion: 99 Resp: 12501
Ion Ratio Lower Upper
99 100
42 33.1 12.9 19.3#
71 74.4 26.7 40.1#

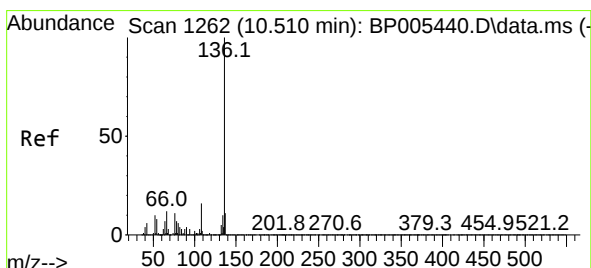
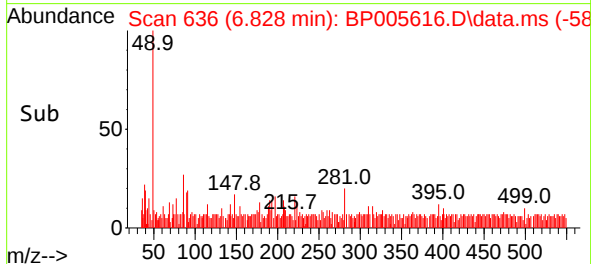
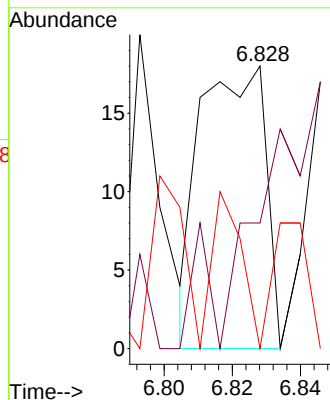
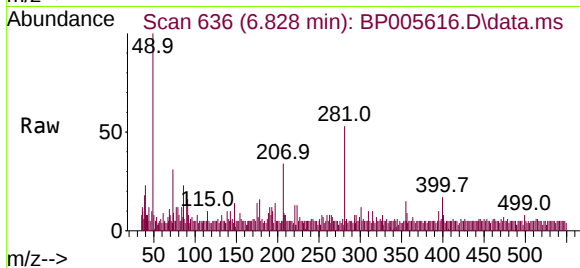




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. 0.012 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

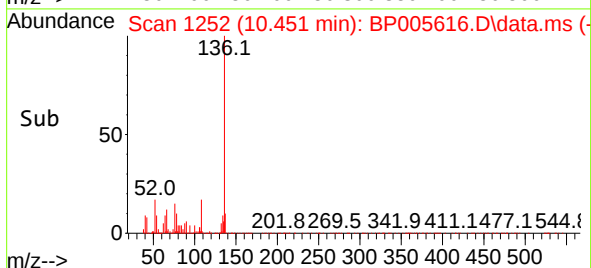
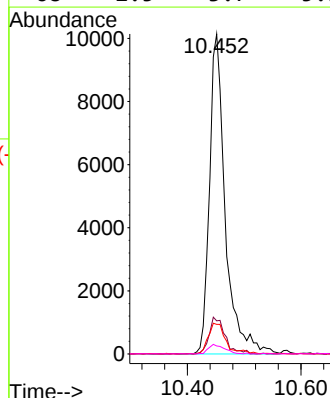
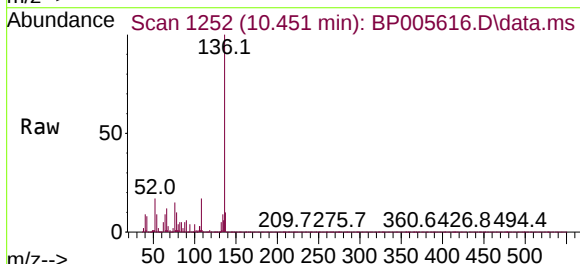
Instrument :
BNA_P
ClientSampled :
EME-19

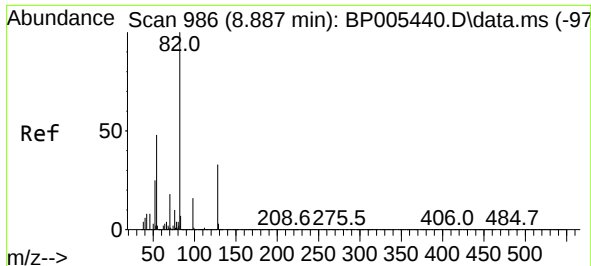
Tgt Ion: 77 Resp: 24
Ion Ratio Lower Upper
77 100
105 44.4 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion: 136 Resp: 19519
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.2 5.0 7.4#
68 2.5 3.7 5.5#

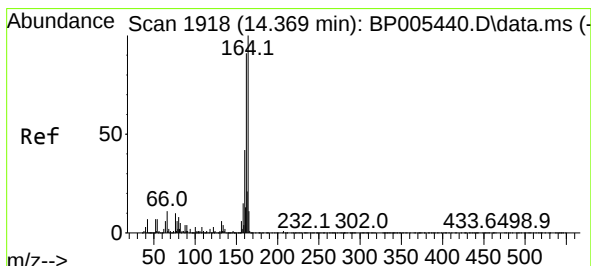
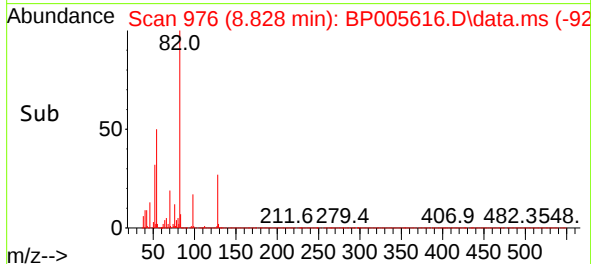
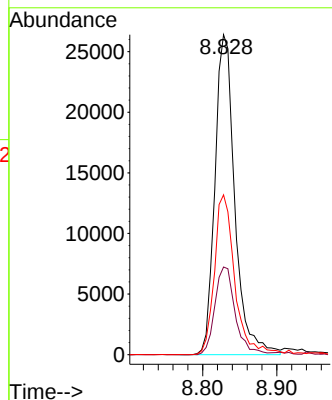
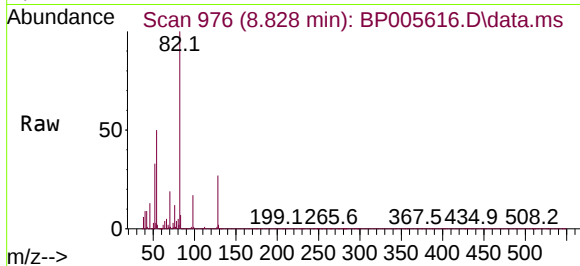




#23
Nitrobenzene-d5
Concen: 99.29 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

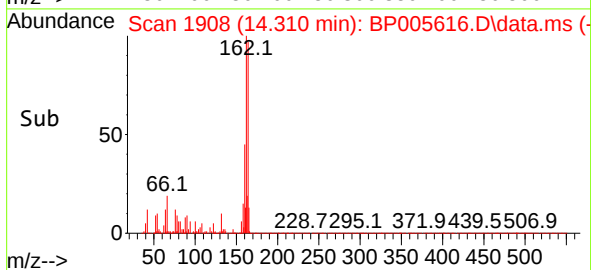
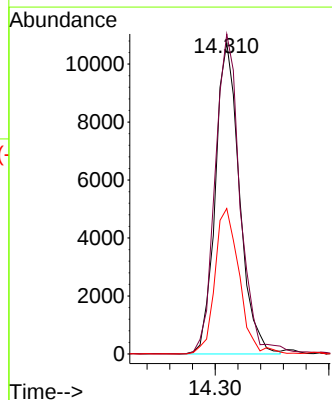
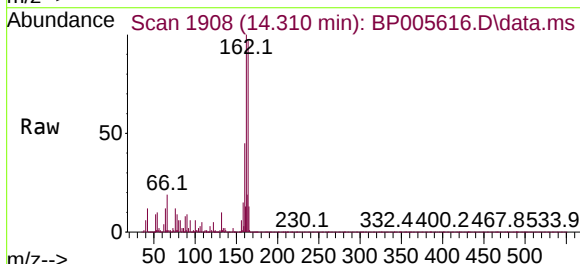
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ClientSampleId :
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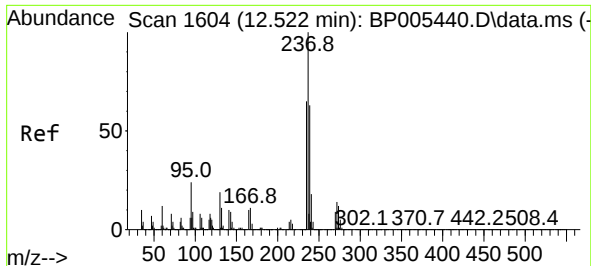
Tgt Ion: 82 Resp: 49238
Ion Ratio Lower Upper
82 100
128 27.4 30.5 45.7#
54 50.0 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion: 164 Resp: 15886
Ion Ratio Lower Upper
164 100
162 102.8 73.5 110.3
160 46.7 40.6 61.0

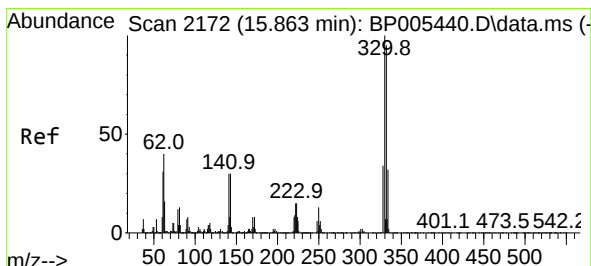
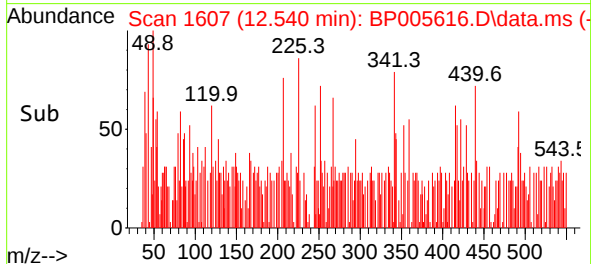
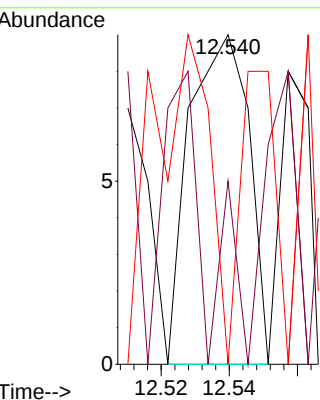
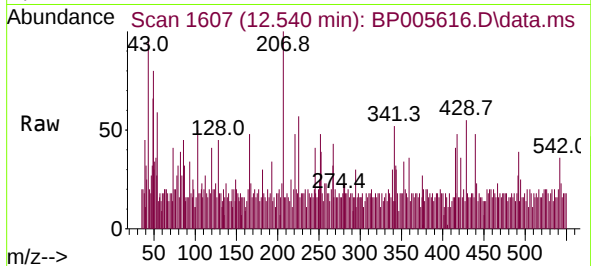




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.540 min Scan# 1607
Delta R.T. 0.076 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

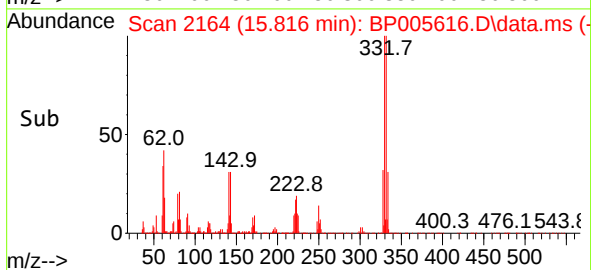
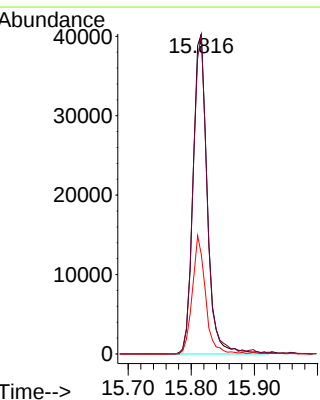
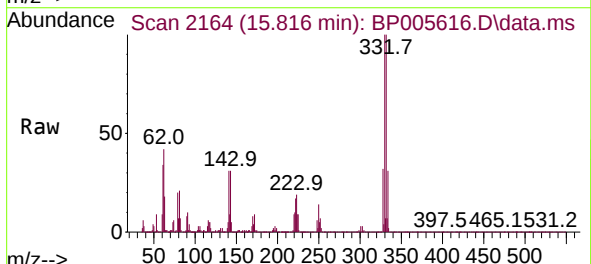
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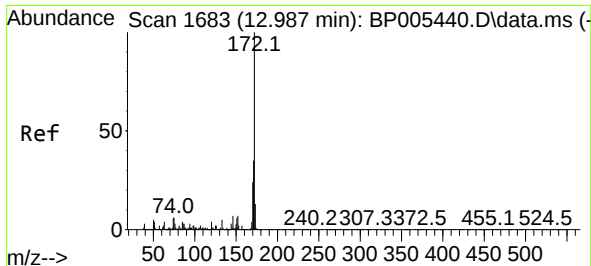
Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	55.6	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 139.11 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion:330	Resp:	62711
Ion Ratio	Lower	Upper
330	100	
332	98.6	76.3 114.5
141	34.4	22.8 34.2#

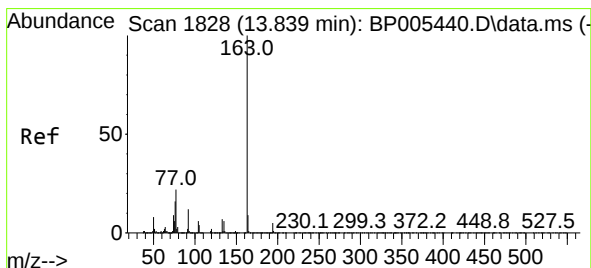
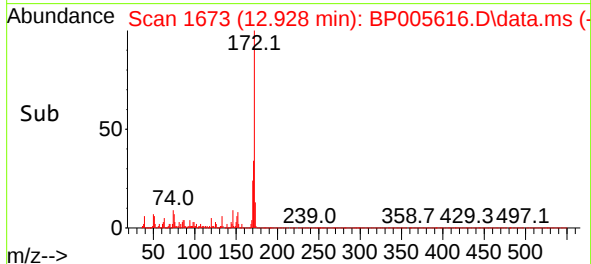
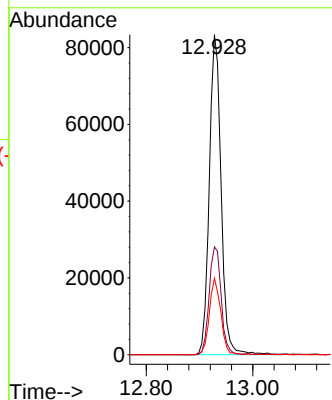
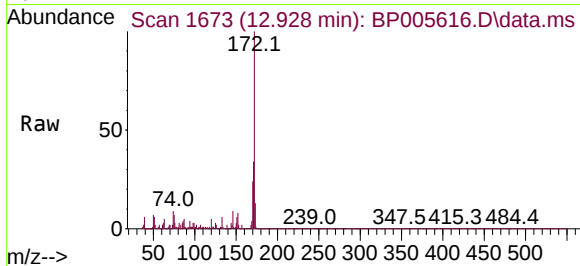




#45
2-Fluorobiphenyl
Concen: 90.84 ng
RT: 12.928 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

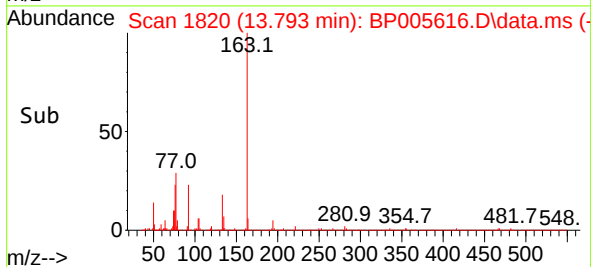
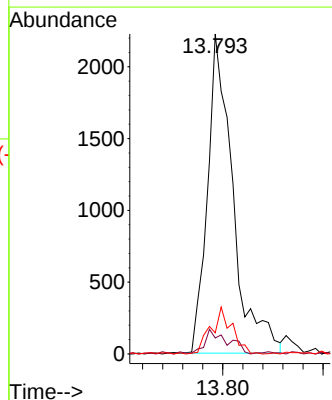
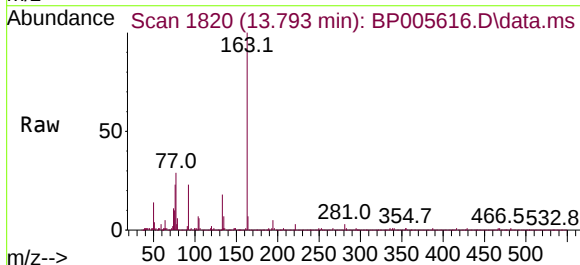
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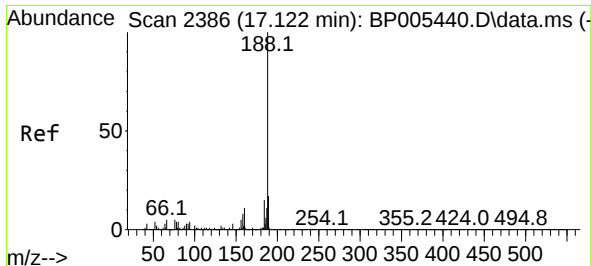
Tgt Ion:172	Resp:	127933
Ion Ratio	Lower	Upper
172	100	
171	33.7	28.1 42.1
170	23.8	19.6 29.4



#50
Dimethylphthalate
Concen: 2.86 ng
RT: 13.793 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion:163	Resp:	3926
Ion Ratio	Lower	Upper
163	100	
194	5.0	3.9 5.9
164	6.6	8.1 12.1#

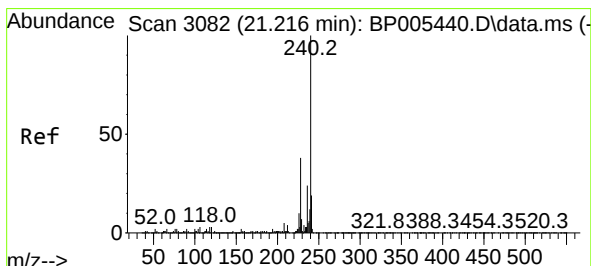
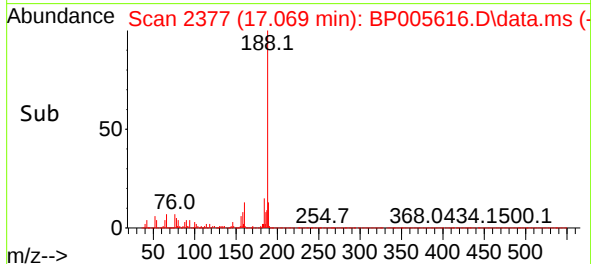
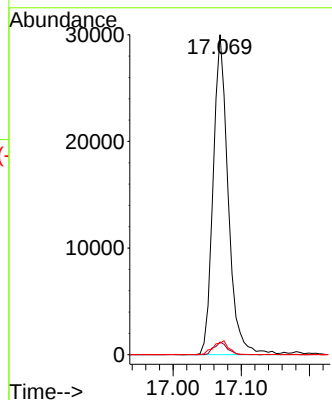
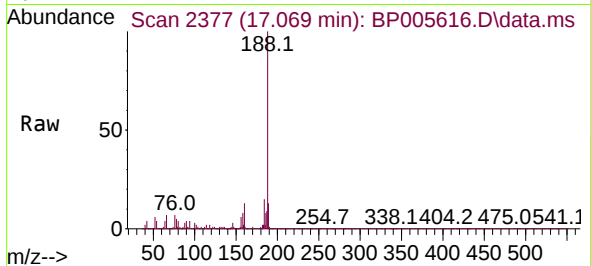




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

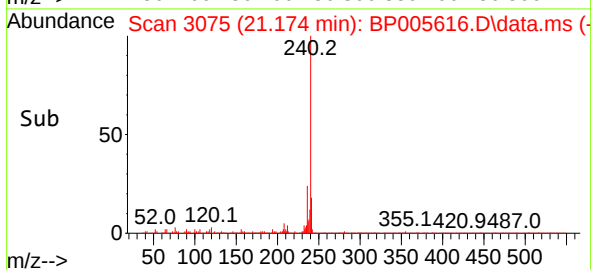
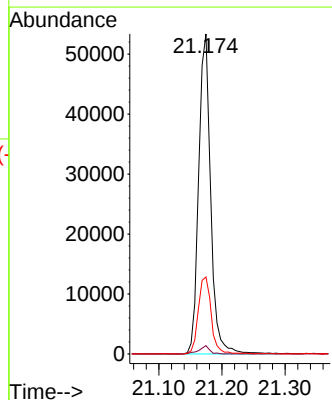
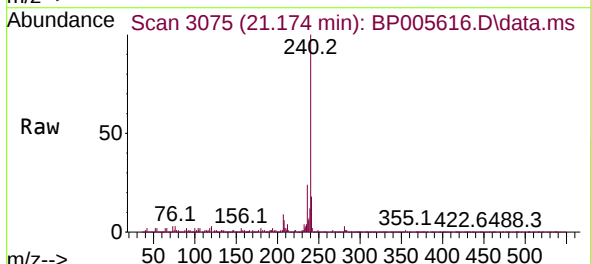
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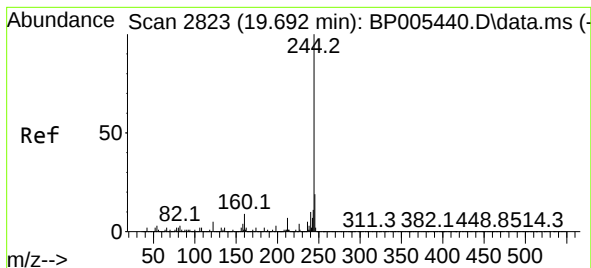
Tgt Ion:188	Resp:	46081
Ion Ratio	Lower	Upper
188	100	
94	4.0	5.0 7.6#
80	3.9	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion:240	Resp:	70485
Ion Ratio	Lower	Upper
240	100	
120	2.6	4.2 6.2#
236	24.1	20.2 30.2

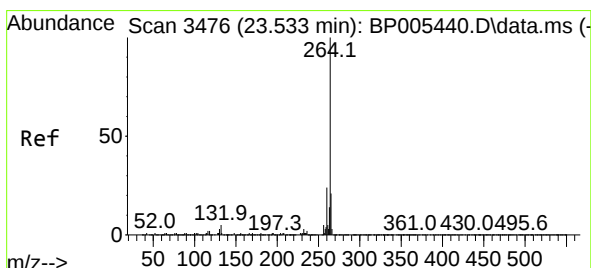
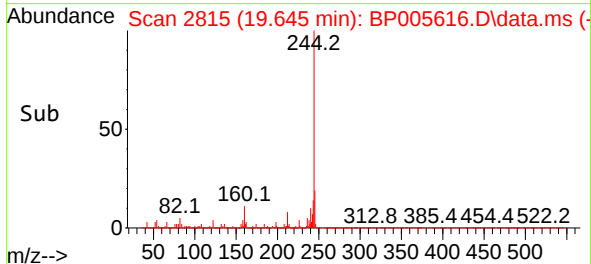
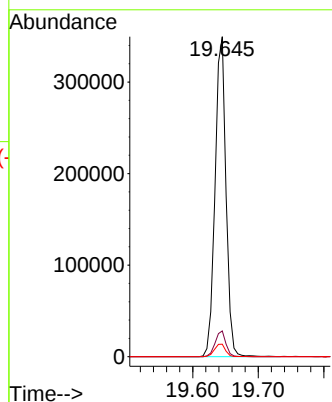
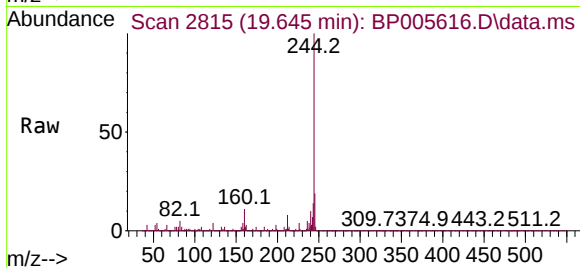




#79
Terphenyl-d14
Concen: 97.17 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Instrument :
BNA_P
ClientSampleId :
EME-19

Tgt Ion:244 Resp: 403295
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 3.9 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.018 min
Lab File: BP005616.D
Acq: 19 May 2021 17:44

Tgt Ion:264 Resp: 87843
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 19.7 19.0 28.6

