

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005776.D
 Acq On : 08 Jun 2021 12:09
 Operator : CG/JU
 Sample : M2589-37
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 08 13:18:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	106633	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	405383	20.000	ng	-0.01
39) Acenaphthene-d10	14.587	164	261822	20.000	ng	-0.02
64) Phenanthrene-d10	17.334	188	603671	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	729562	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	799508	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	905074	131.961	ng	0.00
7) Phenol-d6	7.134	99	976950	104.487	ng	0.00
23) Nitrobenzene-d5	9.134	82	754768	103.545	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	641425	191.052	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1712492	86.561	ng	-0.01
79) Terphenyl-d14	19.875	244	3073810	79.059	ng	-0.01

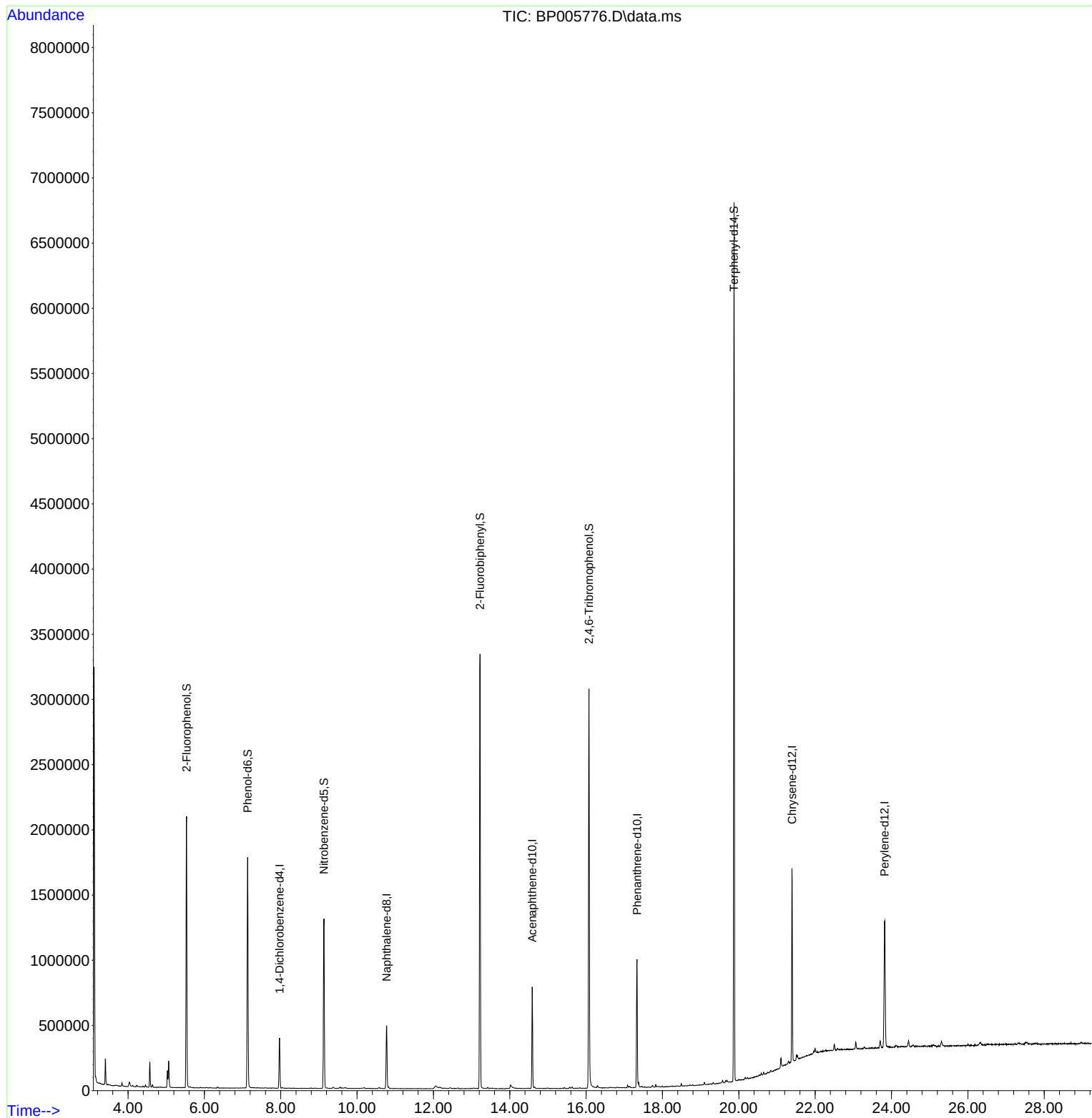
Target Compounds	Qvalue

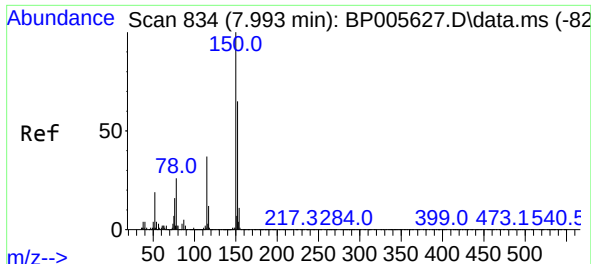
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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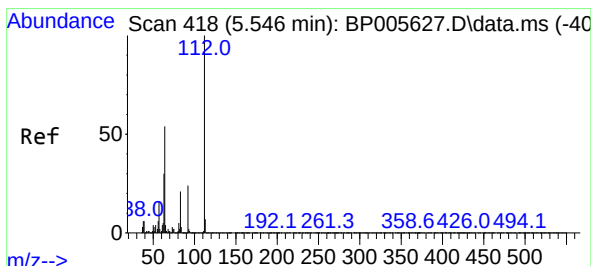
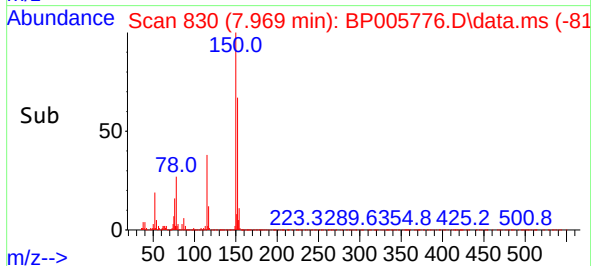
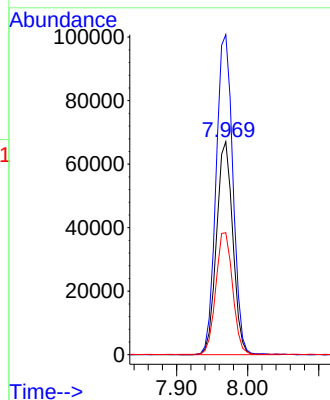
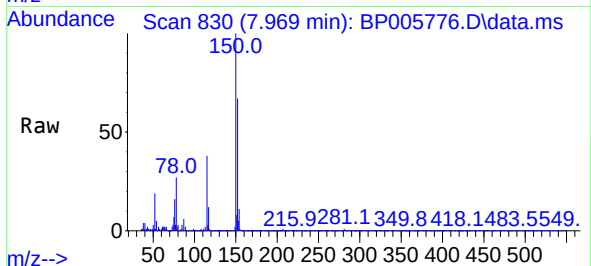




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

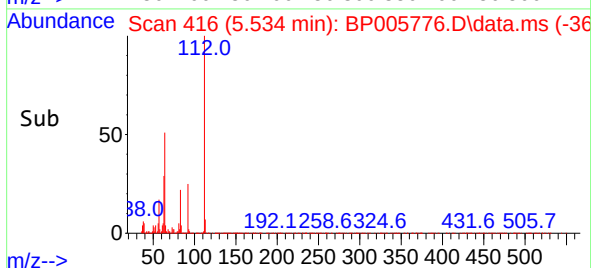
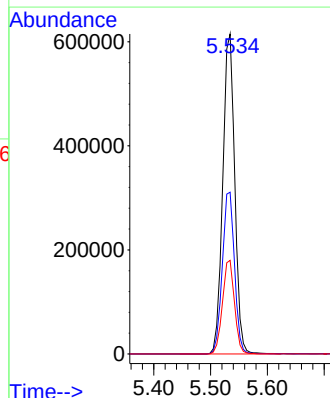
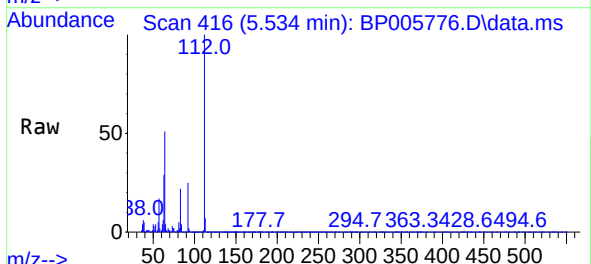
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

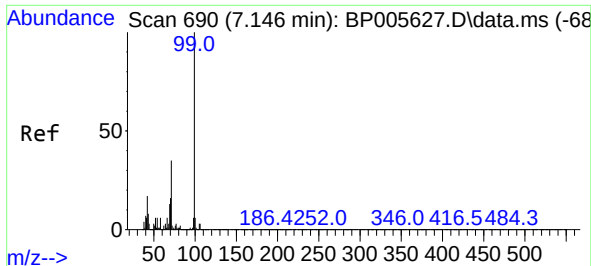
Tgt Ion:152 Resp: 106633
Ion Ratio Lower Upper
152 100
150 150.3 119.8 179.8
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 131.961 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:112 Resp: 905074
Ion Ratio Lower Upper
112 100
64 50.6 33.6 50.4#
63 29.2 18.6 27.8#



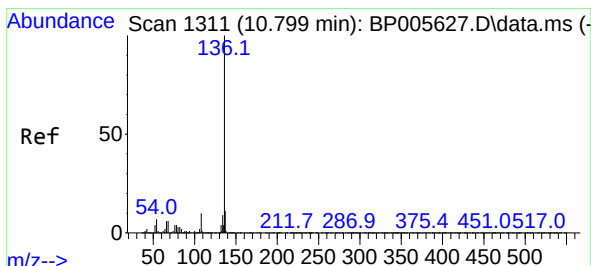
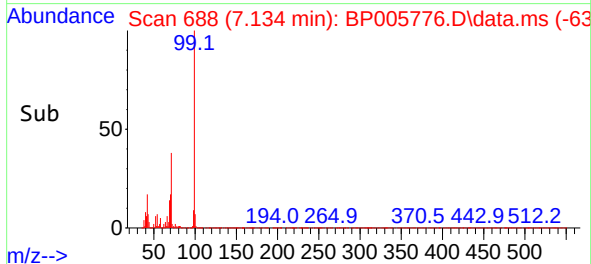
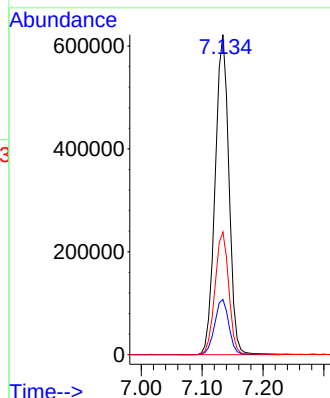
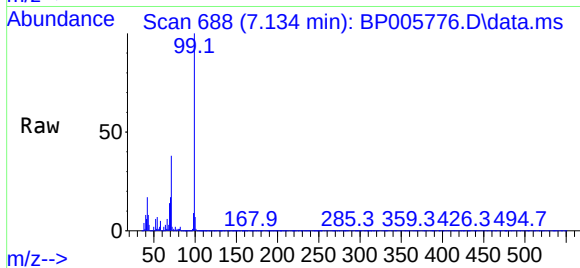


#7
Phenol-d6
Concen: 104.487 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Tgt Ion: 99 Resp: 976950

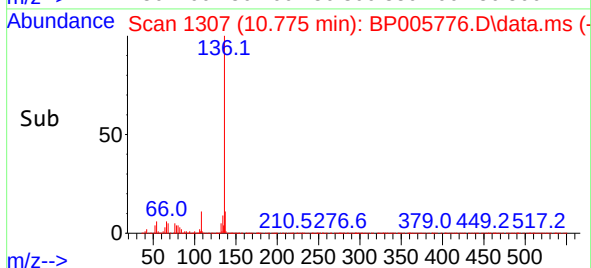
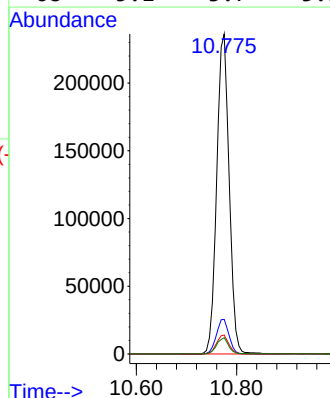
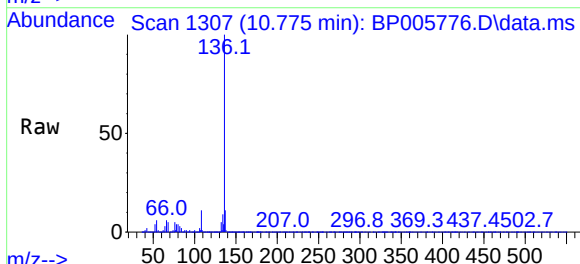
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	38.3	26.7	40.1

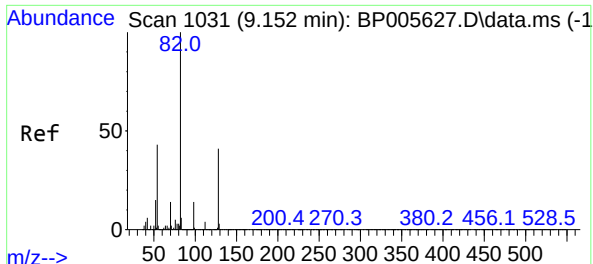


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:136 Resp: 405383

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	5.0	7.4
68	5.1	3.7	5.5

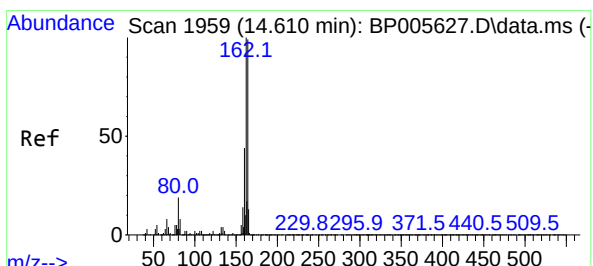
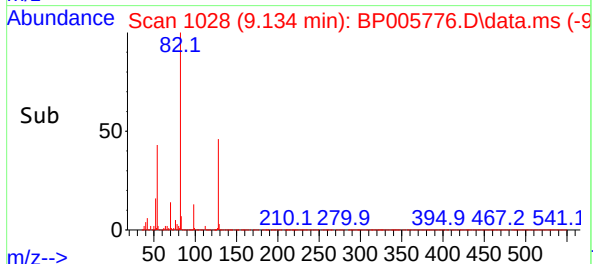
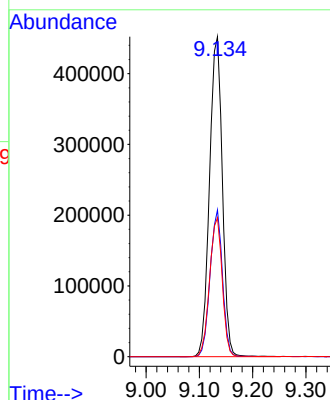
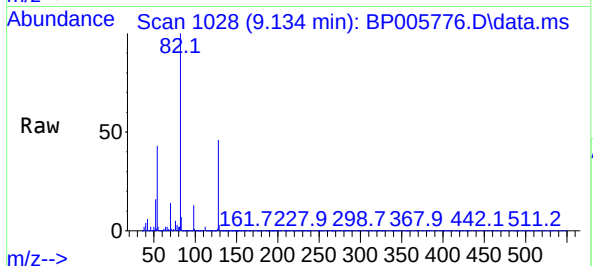




#23
Nitrobenzene-d5
Concen: 103.545 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

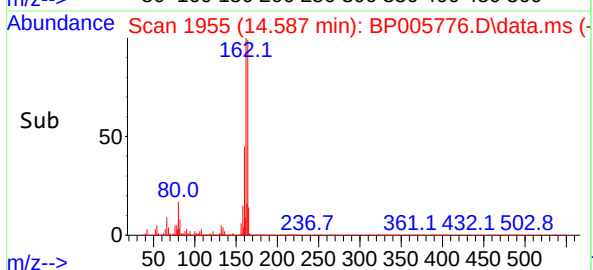
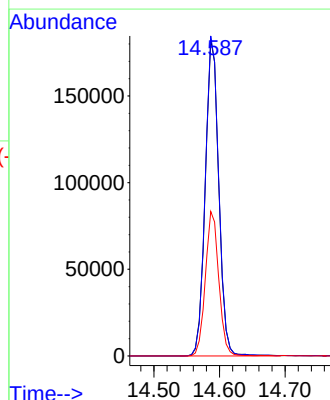
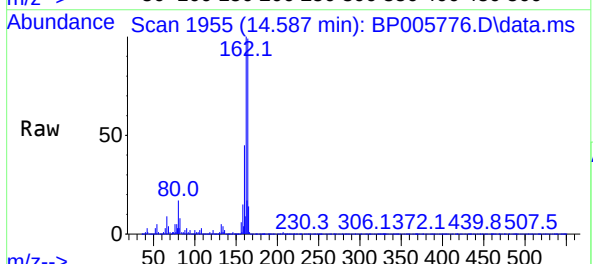
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

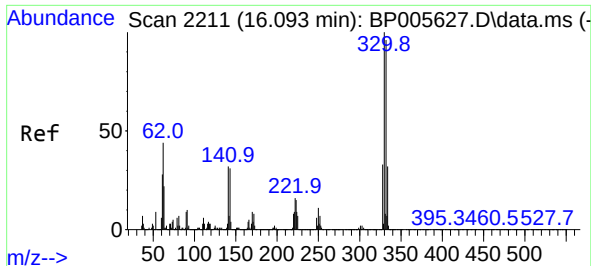
Tgt Ion: 82 Resp: 754768
Ion Ratio Lower Upper
82 100
128 45.8 30.5 45.7#
54 43.4 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion: 164 Resp: 261822
Ion Ratio Lower Upper
164 100
162 101.2 73.5 110.3
160 45.7 40.6 61.0

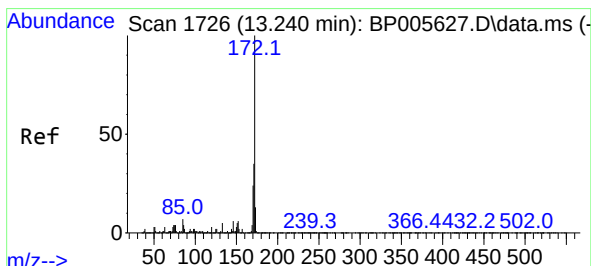
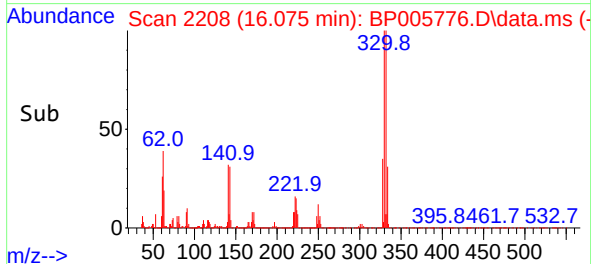
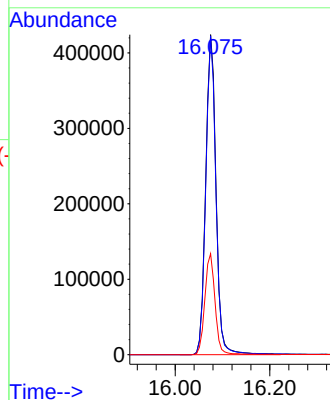
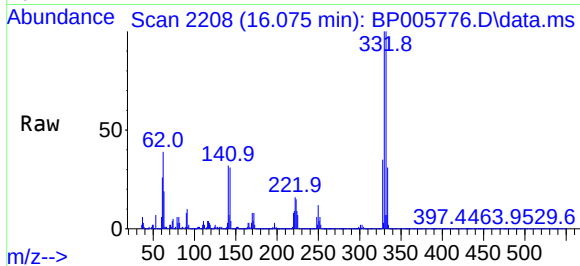




#42
2,4,6-Tribromophenol
Concen: 191.052 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

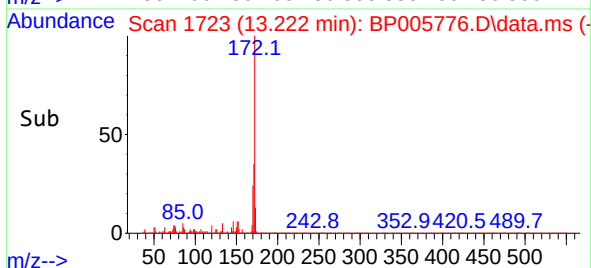
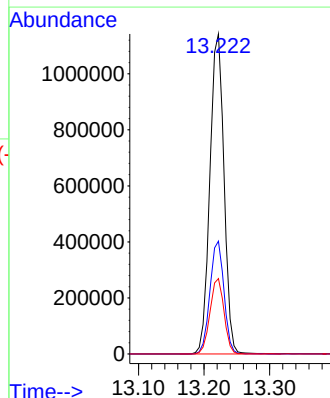
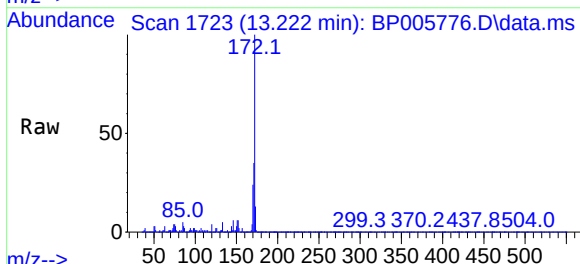
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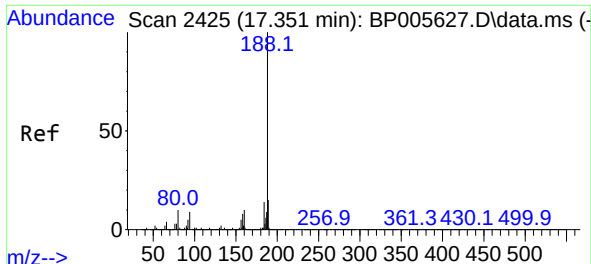
Tgt Ion:330 Resp: 641425
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 31.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 86.561 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:172 Resp: 1712492
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.6 29.4

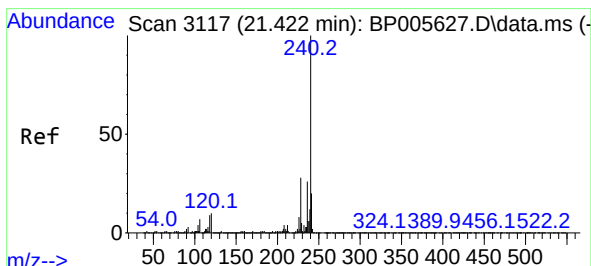
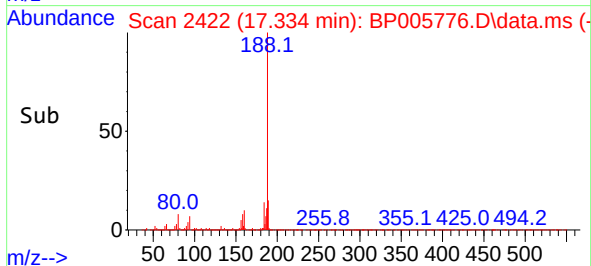
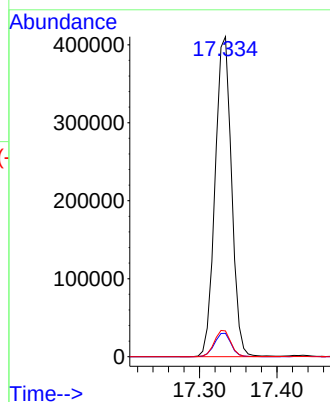
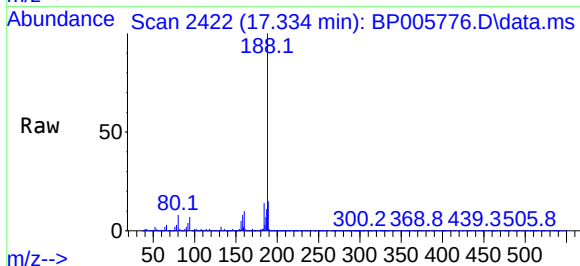




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

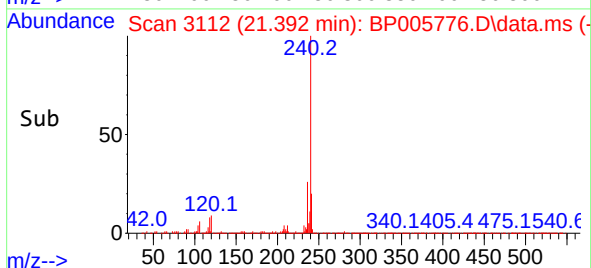
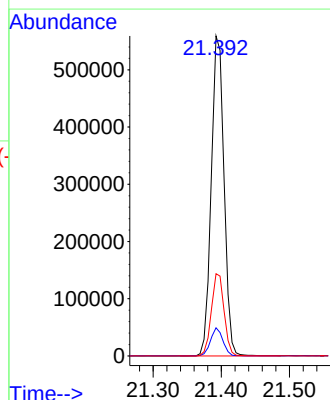
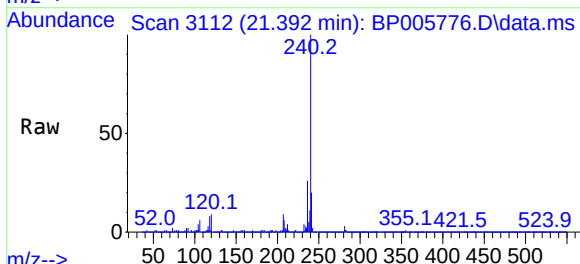
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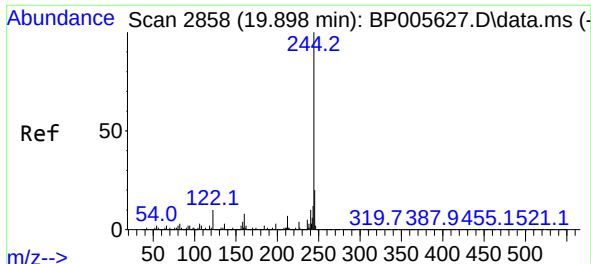
Tgt Ion:	188	Resp:	603671
Ion Ratio	Lower	Upper	
188	100		
94	7.3	5.0	7.6
80	8.1	5.9	8.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.024 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:	240	Resp:	729562
Ion Ratio	Lower	Upper	
240	100		
120	8.8	4.2	6.2
236	25.7	20.2	30.2

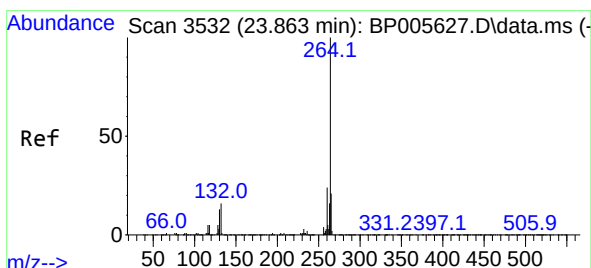
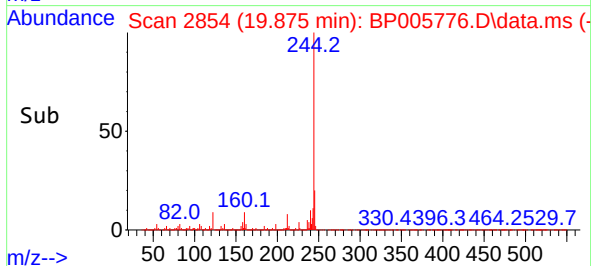
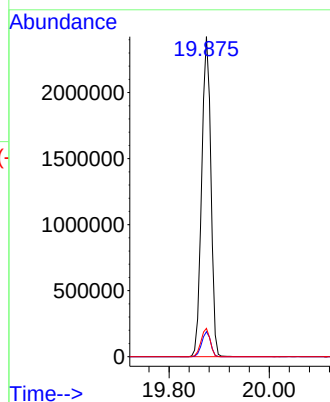
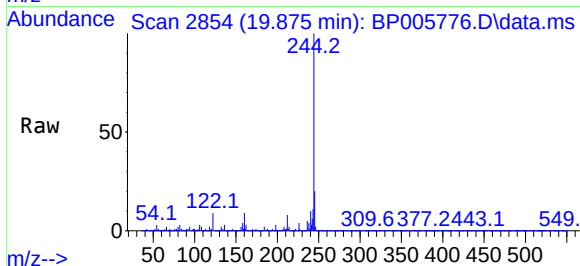




#79
Terphenyl-d14
Concen: 79.059 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

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Tgt Ion:244 Resp: 3073810
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 8.9 5.2 7.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.029 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:264 Resp: 799508
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 22.0 19.0 28.6

