

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005519.D
 Acq On : 12 May 2021 23:37
 Operator : CG/JU
 Sample : M2354-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-01-051121

Quant Time: May 13 03:29:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

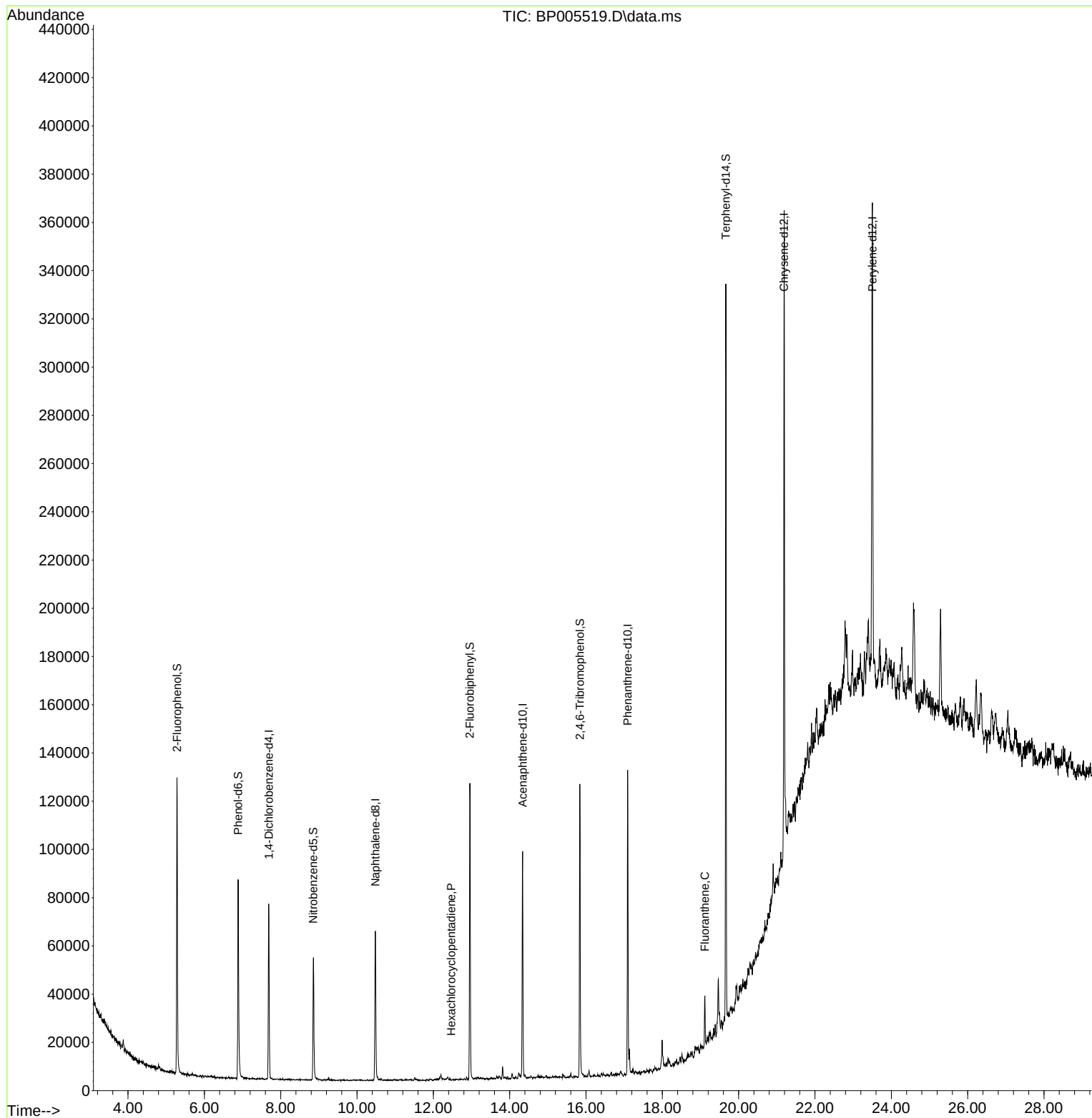
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13839	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	36309	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	26316	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	65827	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	117438	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	152262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	40060	55.55	ng	0.00
7) Phenol-d6	6.887	99	33913	37.72	ng	0.00
23) Nitrobenzene-d5	8.852	82	27608	29.93	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	22260	29.81	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	50983	21.85	ng	-0.01
79) Terphenyl-d14	19.663	244	121059	17.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.158	88	91	Below Cal	#	1
9) Benzaldehyde	6.887	77	282	Below Cal	#	9
41) Hexachlorocyclopentadiene	12.469	237	7	7.88	ng	73
75) Fluoranthene	19.116	202	11217	2.18	ng	94

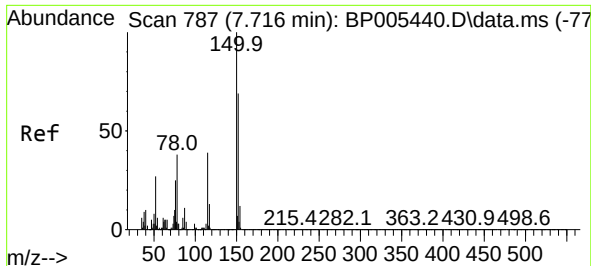
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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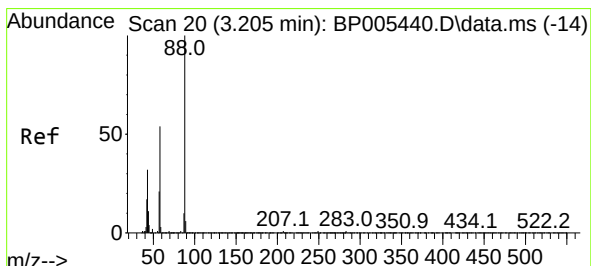
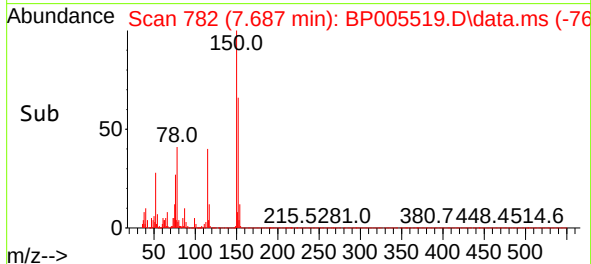
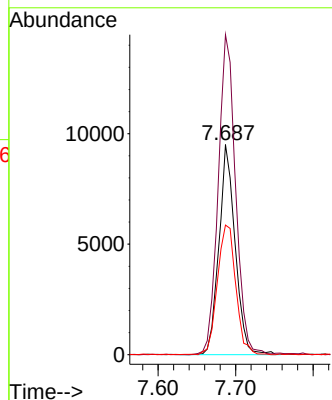
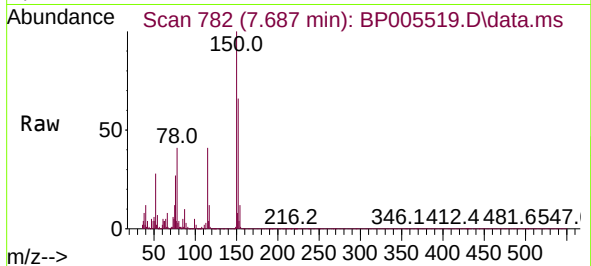




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

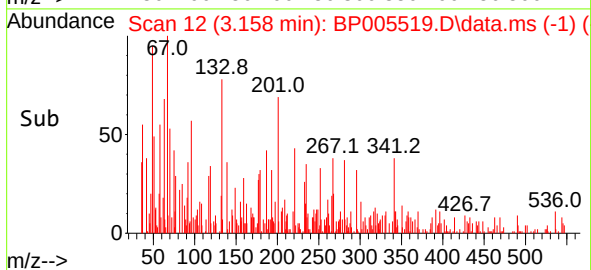
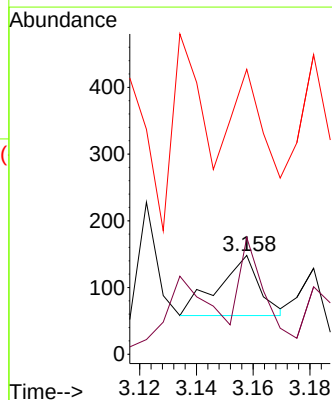
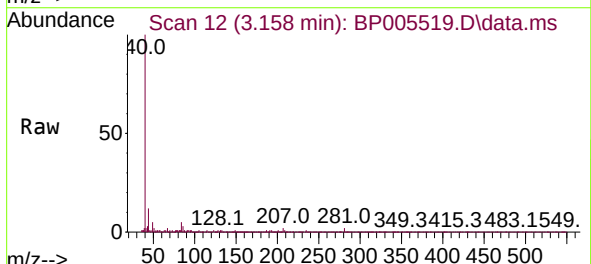
Instrument :
BNA_P
ClientSampleId :
EO-01-051121

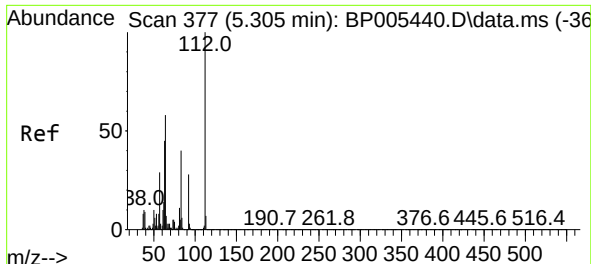
Tgt Ion:152 Resp: 13839
Ion Ratio Lower Upper
152 100
150 152.3 119.8 179.8
115 61.7 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. -0.024 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion: 88 Resp: 91
Ion Ratio Lower Upper
88 100
58 103.3 42.5 63.7#
43 191.2 19.8 29.8#

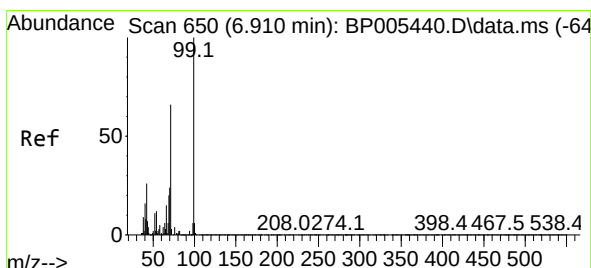
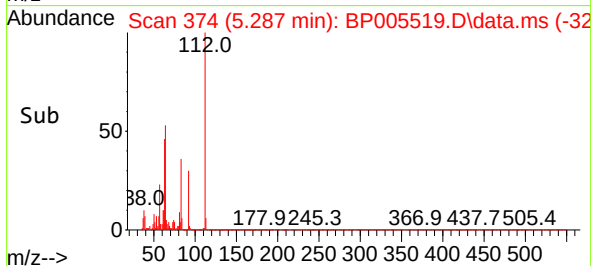
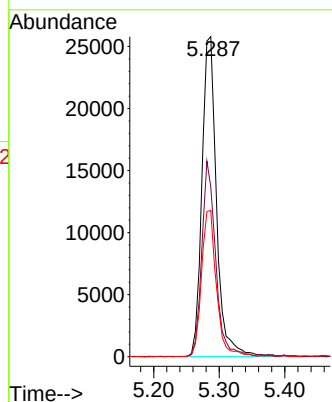
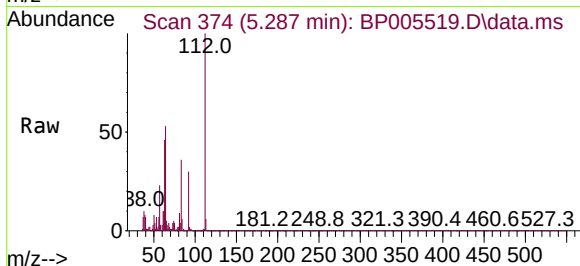




#5
2-Fluorophenol
Concen: 55.55 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

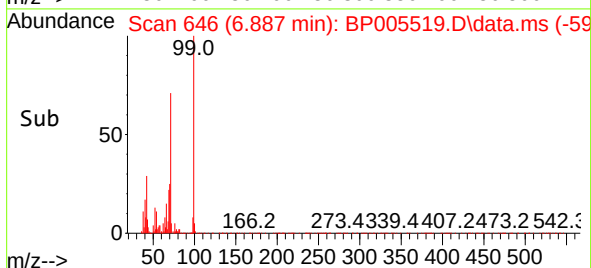
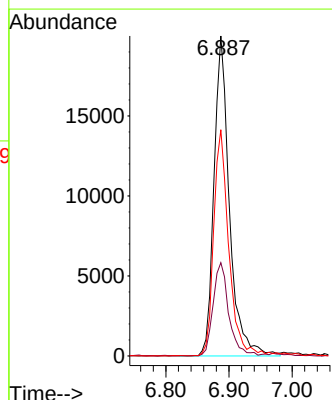
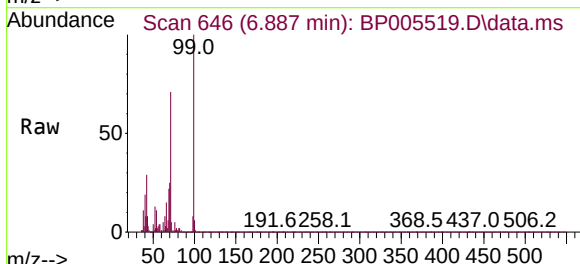
Instrument :
BNA_P
ClientSampleId :
EO-01-051121

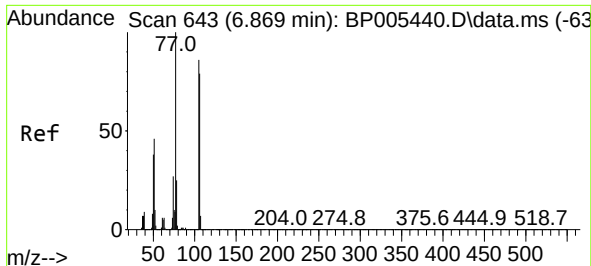
Tgt Ion:112 Resp: 40060
Ion Ratio Lower Upper
112 100
64 53.2 33.6 50.4#
63 45.7 18.6 27.8#



#7
Phenol-d6
Concen: 37.72 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion: 99 Resp: 33913
Ion Ratio Lower Upper
99 100
42 29.2 12.9 19.3#
71 70.7 26.7 40.1#

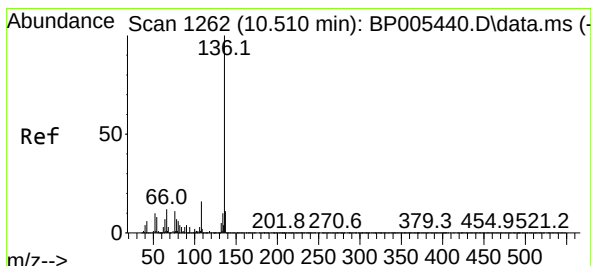
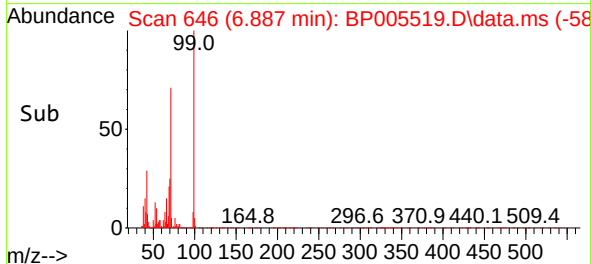
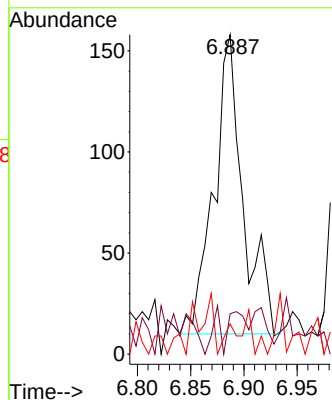
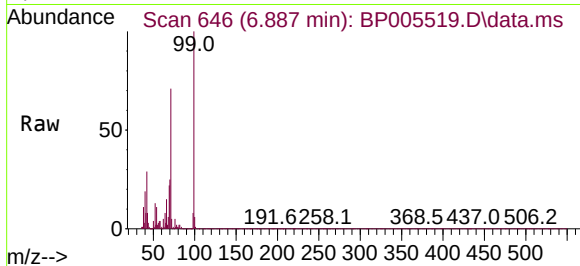




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 646
Delta R.T. 0.041 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

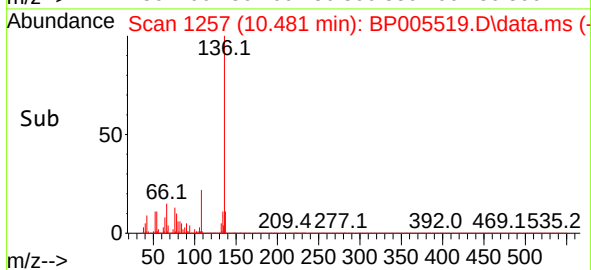
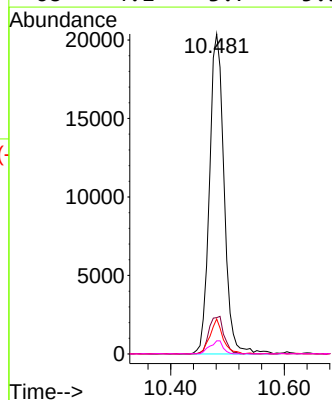
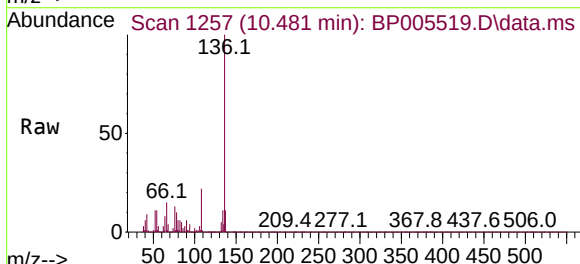
Instrument :
BNA_P
ClientSampleId :
EO-01-051121

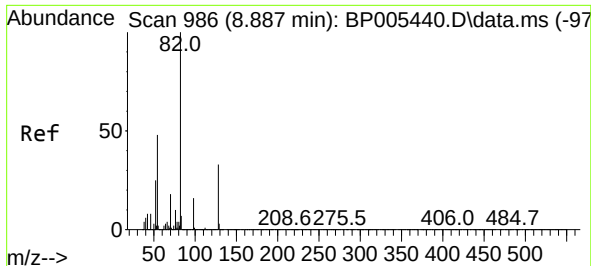
Tgt Ion: 77 Resp: 282
Ion Ratio Lower Upper
77 100
105 12.7 89.4 129.4#
106 9.5 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion: 136 Resp: 36309
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.9 5.0 7.4#
68 4.1 3.7 5.5

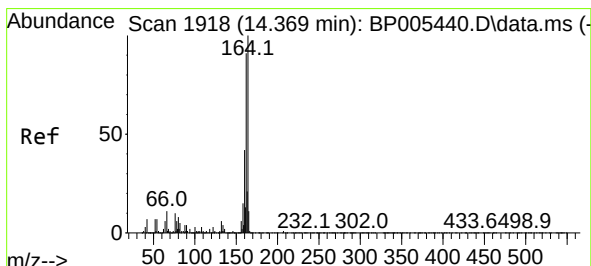
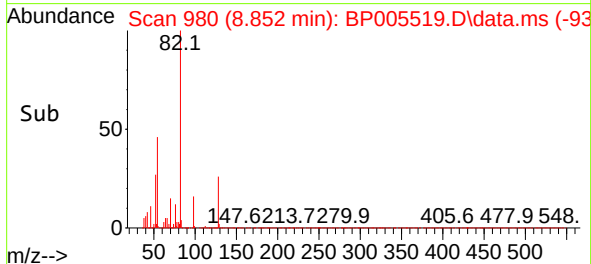
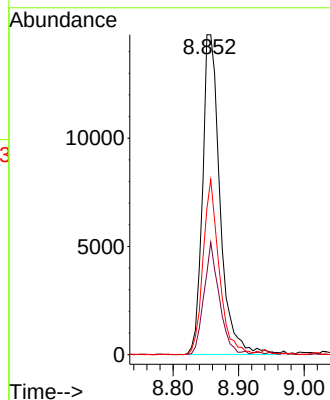
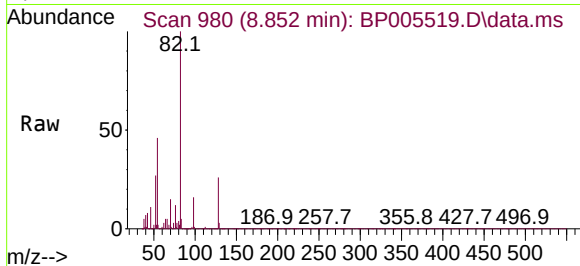




#23
Nitrobenzene-d5
Concen: 29.93 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

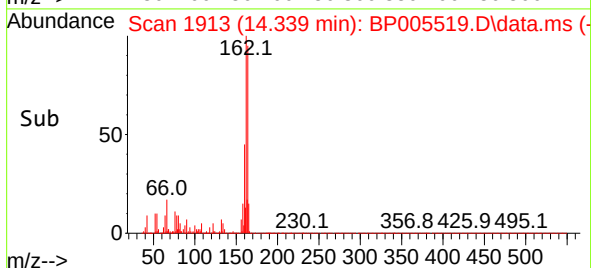
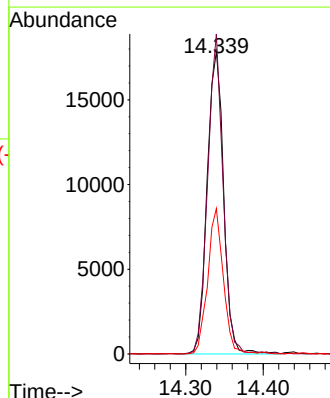
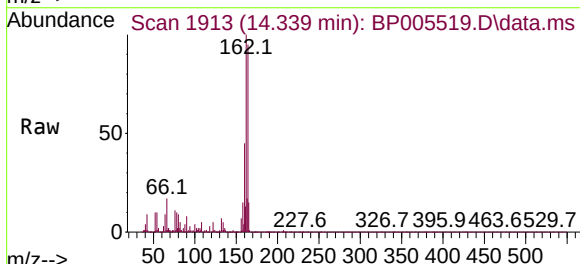
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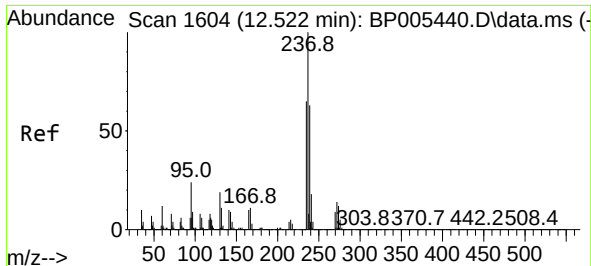
Tgt Ion: 82 Resp: 27608
Ion Ratio Lower Upper
82 100
128 25.6 30.5 45.7#
54 45.7 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion: 164 Resp: 26316
Ion Ratio Lower Upper
164 100
162 105.8 73.5 110.3
160 48.1 40.6 61.0

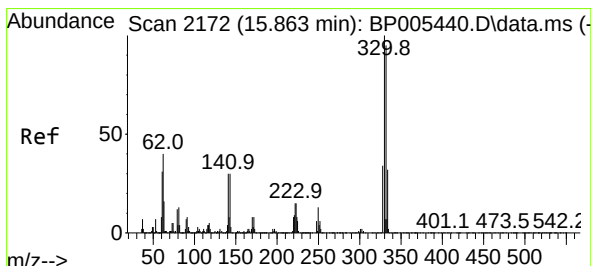
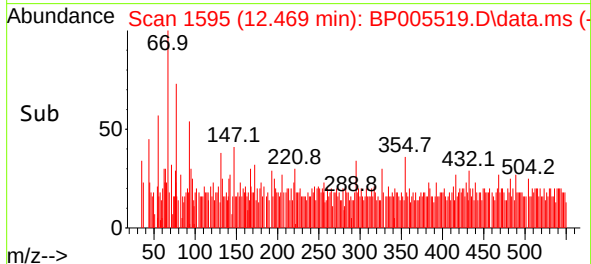
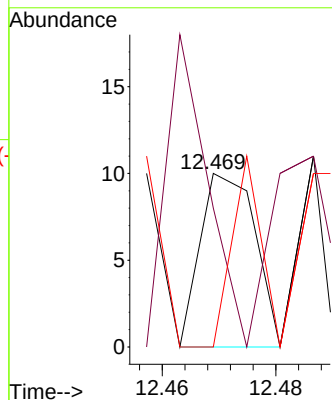
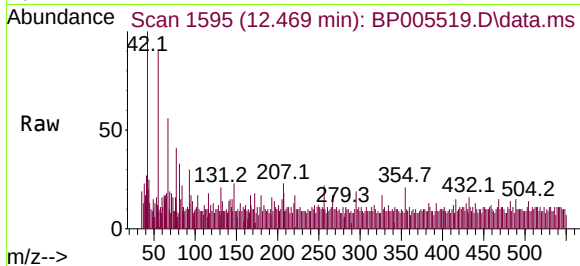




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.030 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

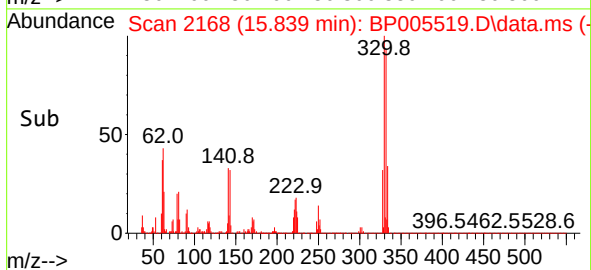
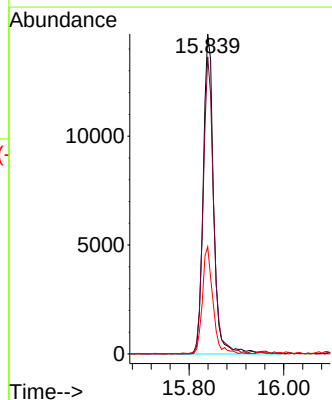
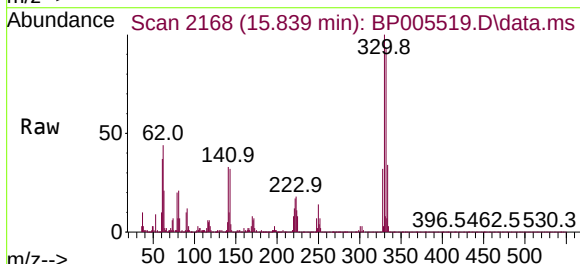
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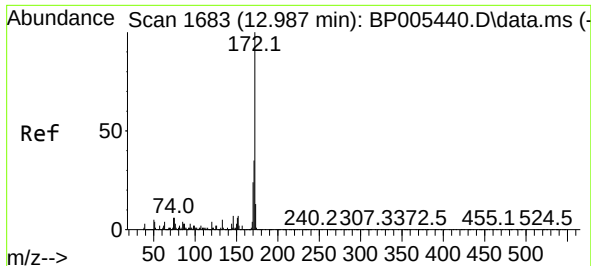
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 29.81 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion:	330	Resp:	22260
Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.3	114.5
141	33.6	22.8	34.2

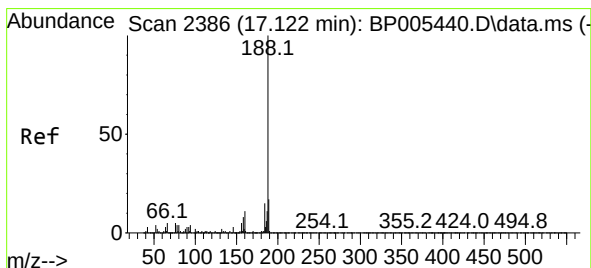
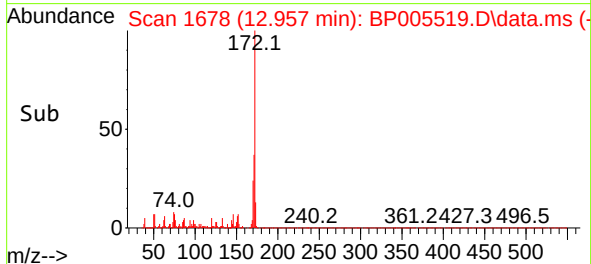
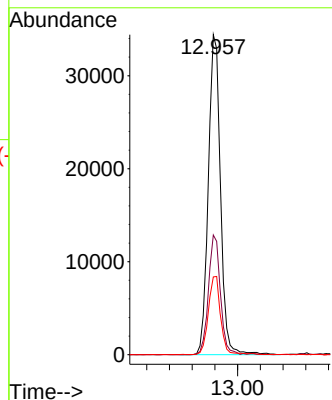
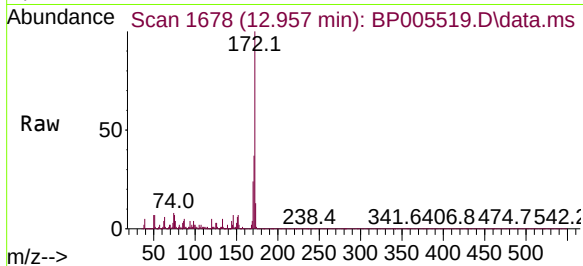




#45
2-Fluorobiphenyl
Concen: 21.85 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

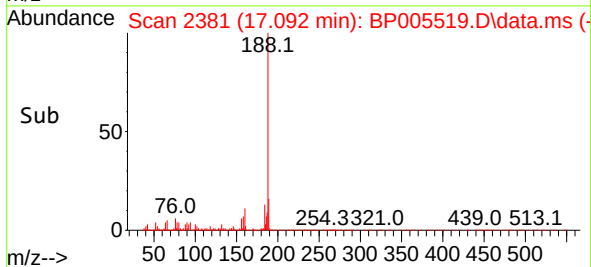
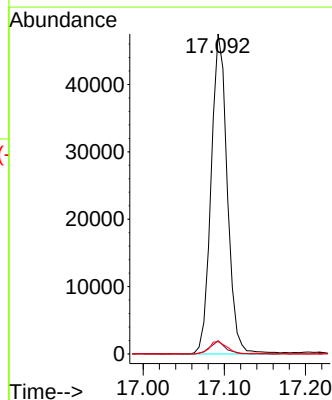
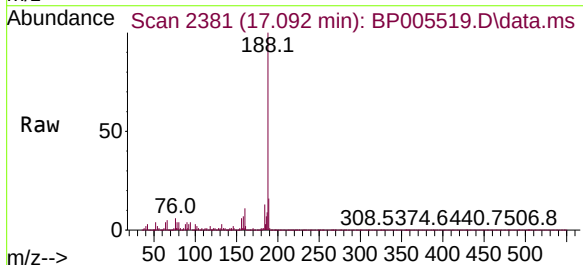
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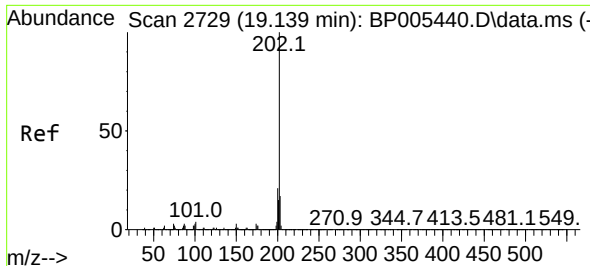
Tgt Ion:172	Resp:	50983
Ion Ratio	Lower	Upper
172	100	
171	37.4	28.1 42.1
170	24.3	19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion:188	Resp:	65827
Ion Ratio	Lower	Upper
188	100	
94	4.1	5.0 7.6#
80	3.8	5.9 8.9#

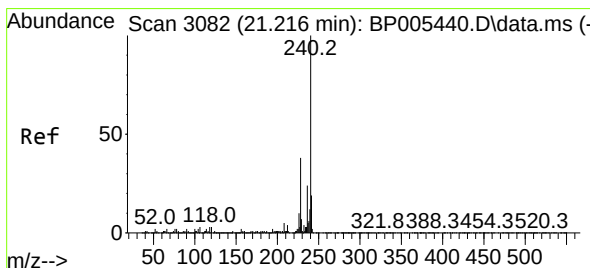
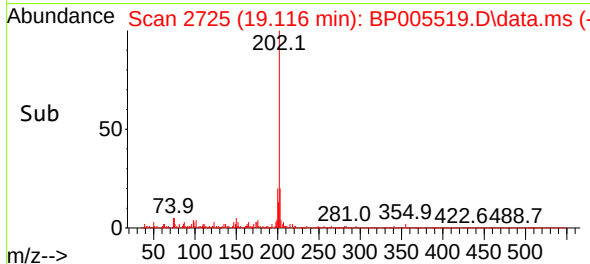
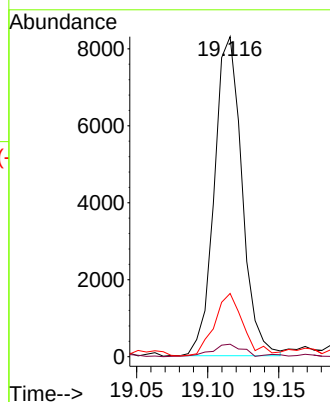
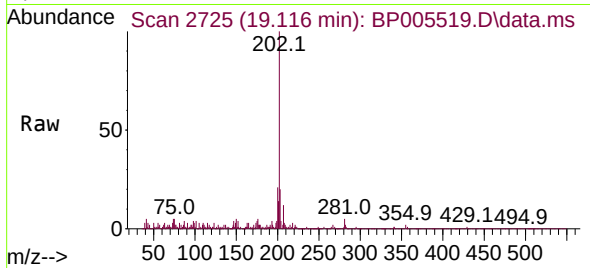




#75
Fluoranthene
Concen: 2.18 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

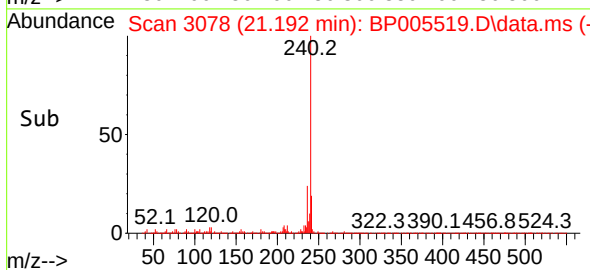
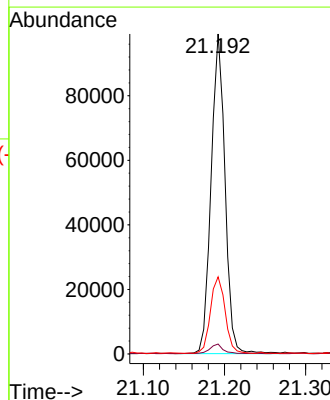
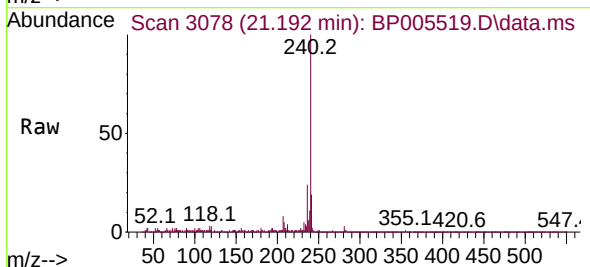
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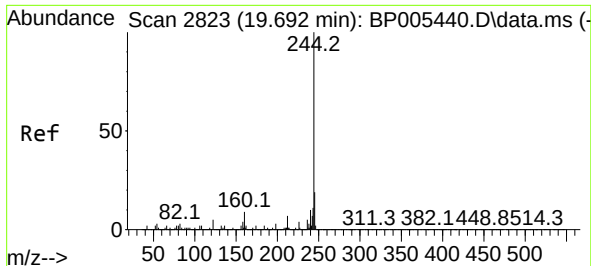
Tgt Ion:	202	Resp:	11217
Ion Ratio	Lower	Upper	
202	100		
101	3.9	0.0	26.1
203	19.7	0.0	37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion:	240	Resp:	117438
Ion Ratio	Lower	Upper	
240	100		
120	3.1	4.2	6.2#
236	24.1	20.2	30.2

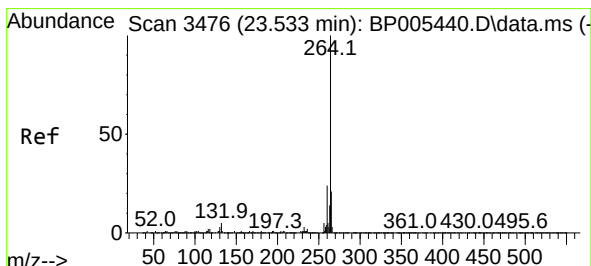
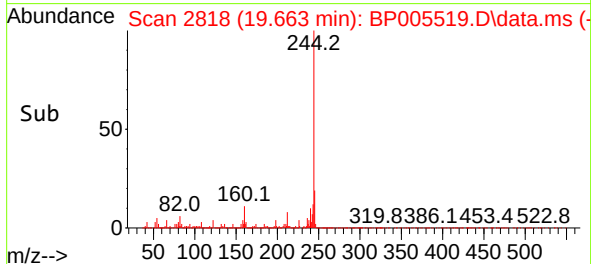
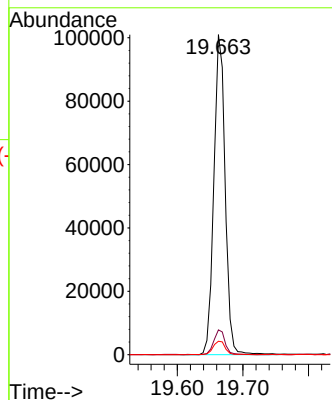
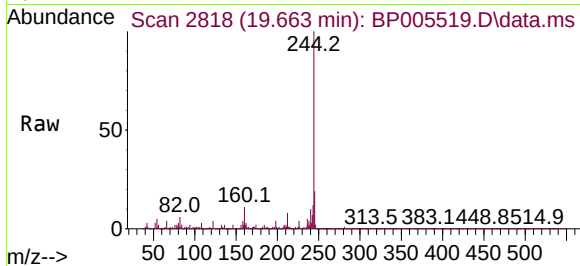




#79
Terphenyl-d14
Concen: 17.51 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Instrument :
BNA_P
ClientSampleId :
EO-01-051121

Tgt Ion:244 Resp: 121059
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 4.2 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005519.D
Acq: 12 May 2021 23:37

Tgt Ion:264 Resp: 152262
Ion Ratio Lower Upper
264 100
260 24.2 20.6 30.8
265 21.9 19.0 28.6

