

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005297.D
 Acq On : 13 Apr 2021 20:49
 Operator : CG/JU
 Sample : M2009-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-041221

Quant Time: Apr 14 02:45:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

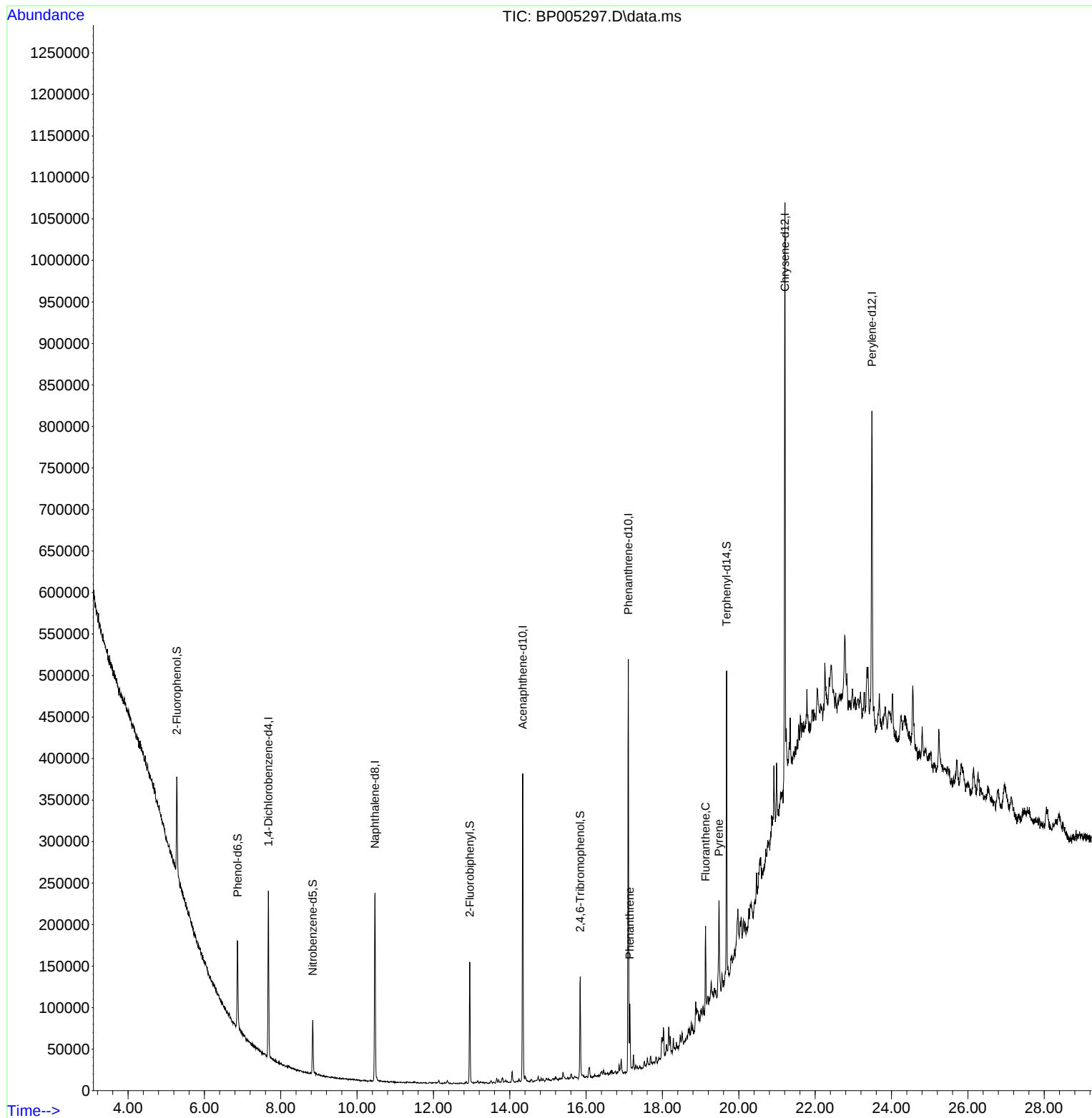
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	47000	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	157543	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	103883	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	258335	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	302207	20.00	ng	0.00
86) Perylene-d12	23.486	264	252265	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	59765	13.35	ng	0.00
7) Phenol-d6	6.869	99	65062	12.73	ng	0.00
23) Nitrobenzene-d5	8.840	82	41788	8.36	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	18506	14.11	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	63936	8.31	ng	0.00
79) Terphenyl-d14	19.680	244	142591	9.27	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	40160	2.75	ng	98
75) Fluoranthene	19.127	202	50676	2.83	ng	100
78) Pyrene	19.480	202	60004	3.19	ng	98

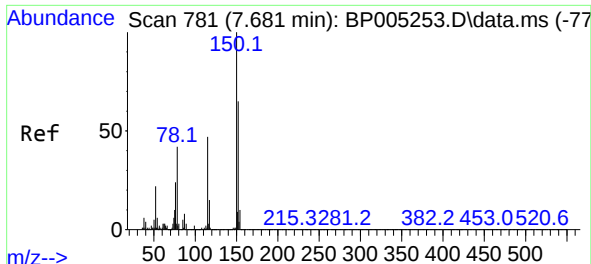
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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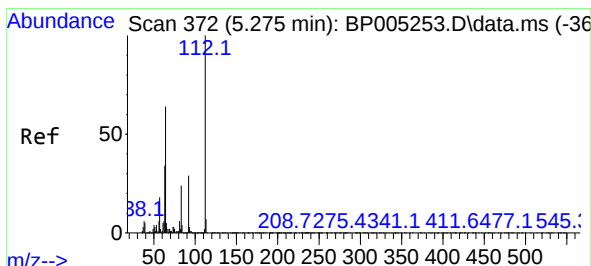
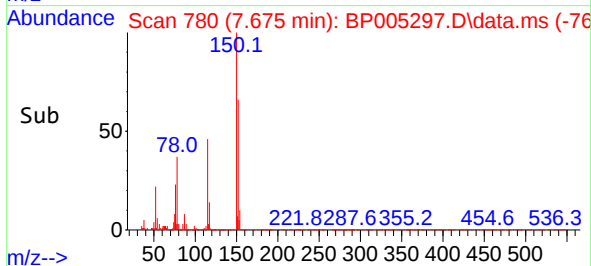
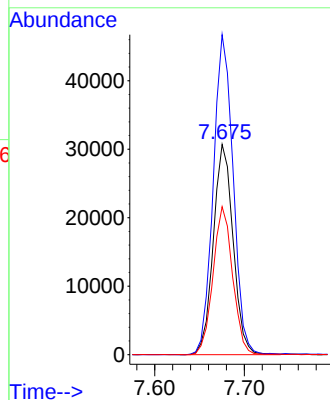
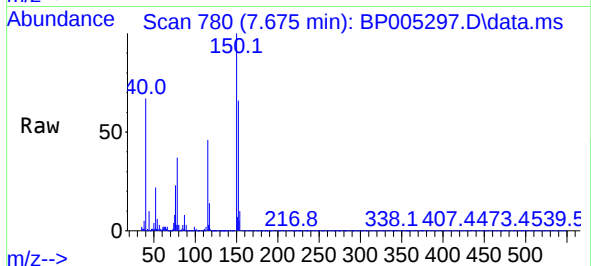




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

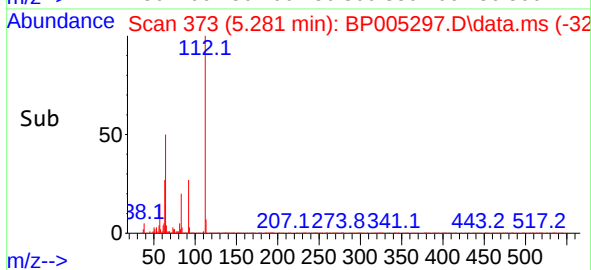
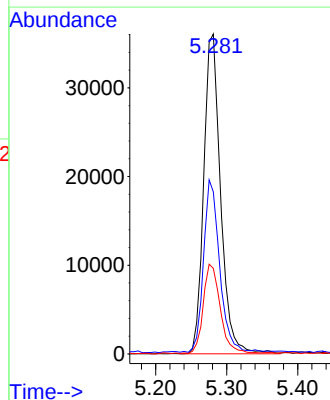
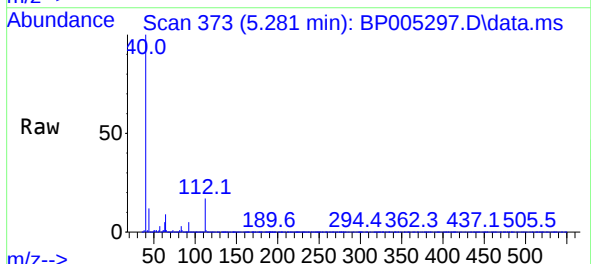
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

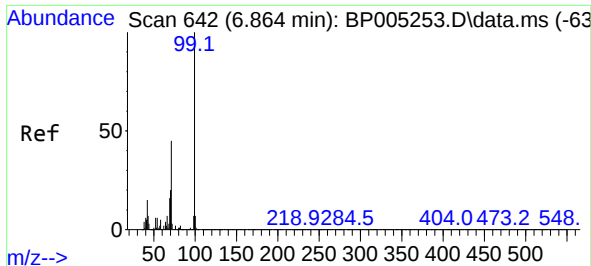
Tgt Ion:152 Resp: 47000
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 70.4 43.8 65.6#



#5
2-Fluorophenol
Concen: 13.35 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:112 Resp: 59765
Ion Ratio Lower Upper
112 100
64 50.7 32.8 49.2#
63 26.8 17.0 25.4#

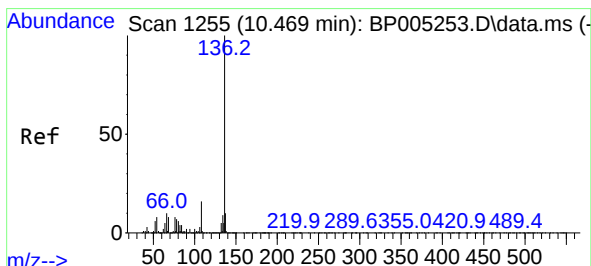
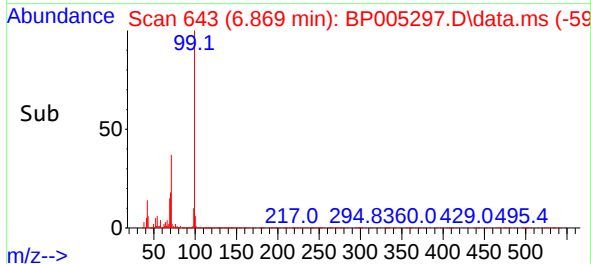
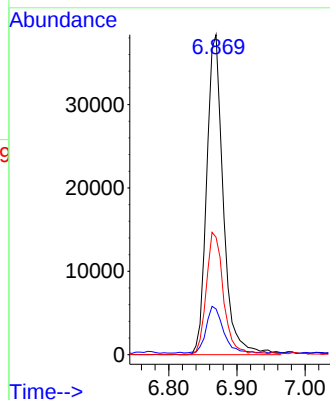
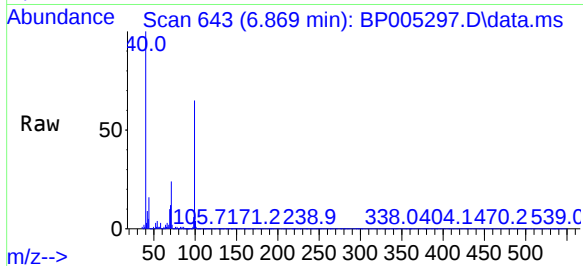




#7
Phenol-d6
Concen: 12.73 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

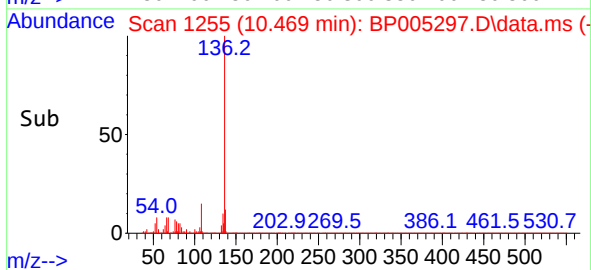
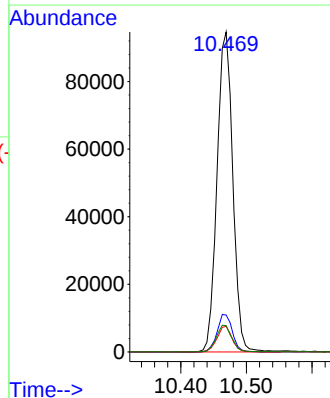
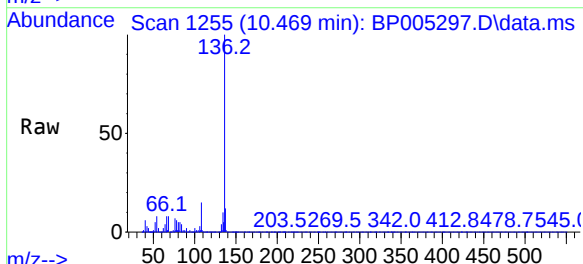
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

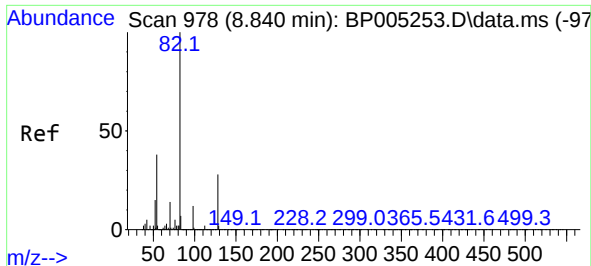
Tgt Ion: 99 Resp: 65062
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 36.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion: 136 Resp: 157543
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 8.0 3.6 5.4#
68 8.3 3.3 4.9#

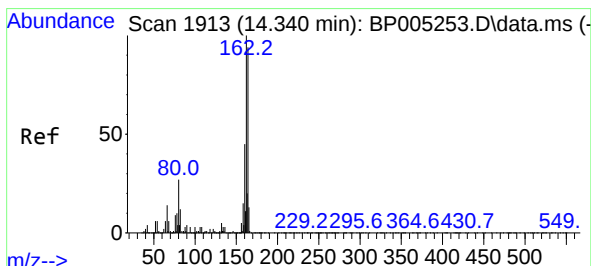
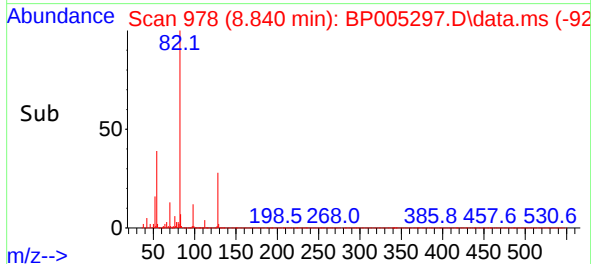
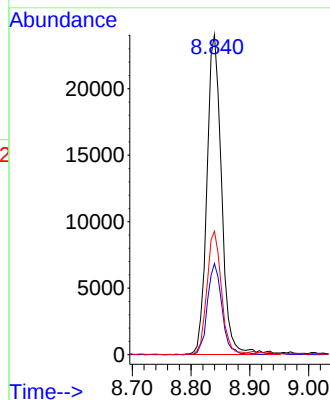
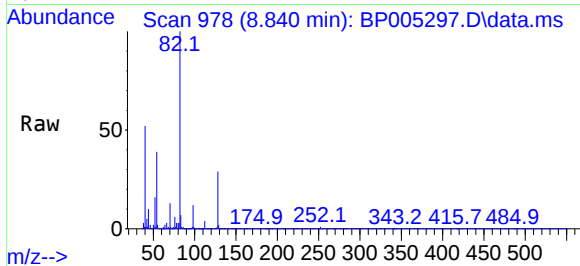




#23
Nitrobenzene-d5
Concen: 8.36 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

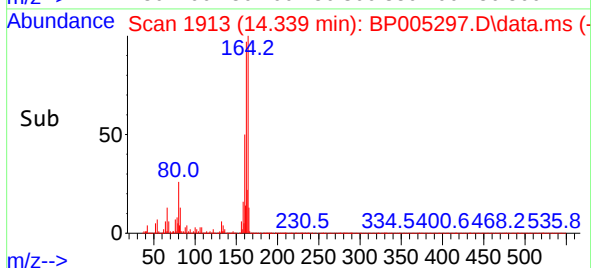
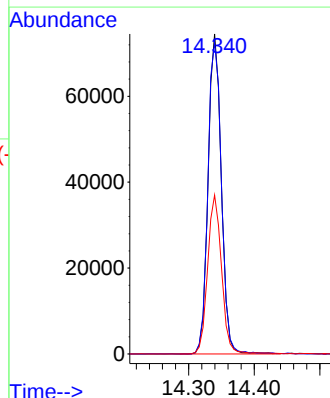
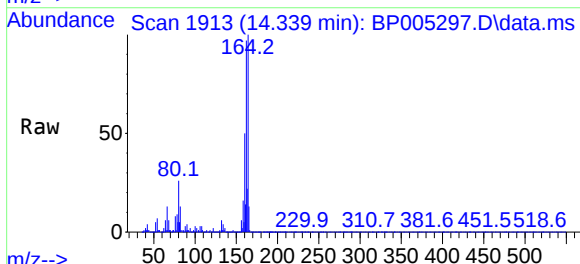
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

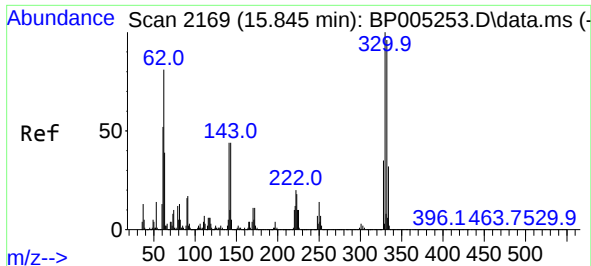
Tgt Ion: 82 Resp: 41788
Ion Ratio Lower Upper
82 100
128 28.5 45.6 68.4#
54 38.6 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:164 Resp: 103883
Ion Ratio Lower Upper
164 100
162 97.3 79.4 119.2
160 49.6 36.1 54.1

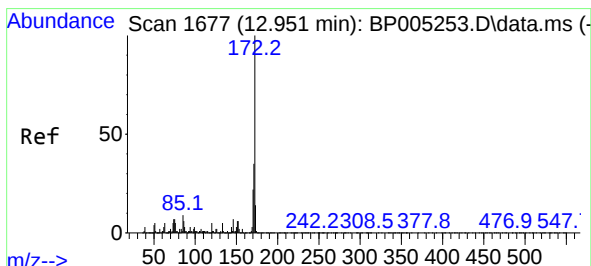
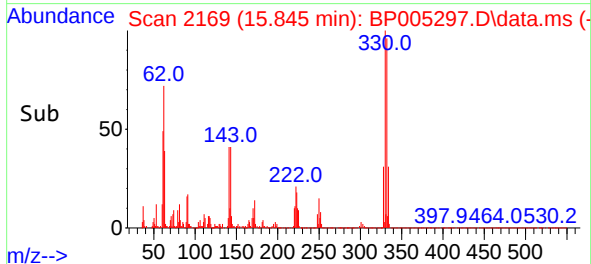
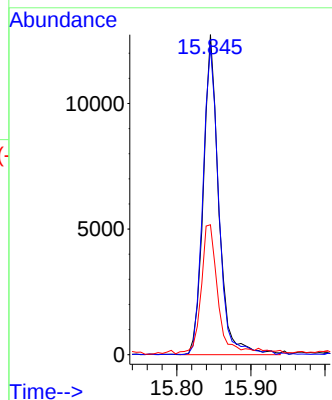
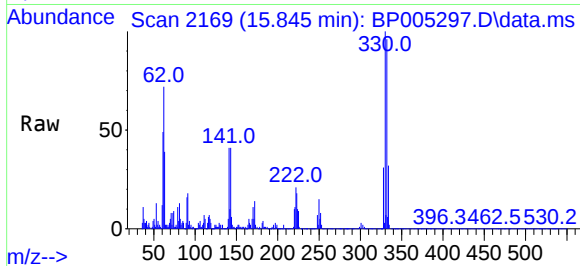




#42
2,4,6-Tribromophenol
Concen: 14.11 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

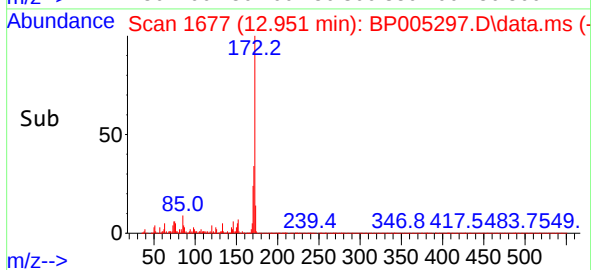
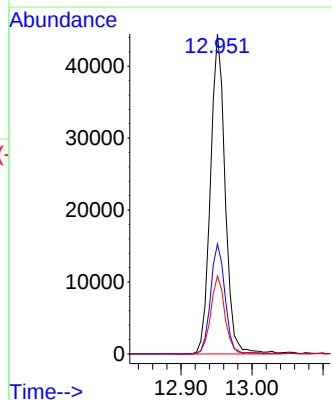
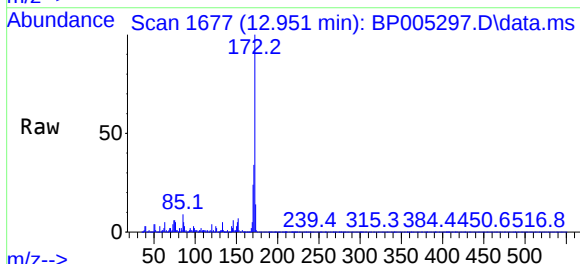
Instrument :
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ClientSampleId :
OR-02-041221

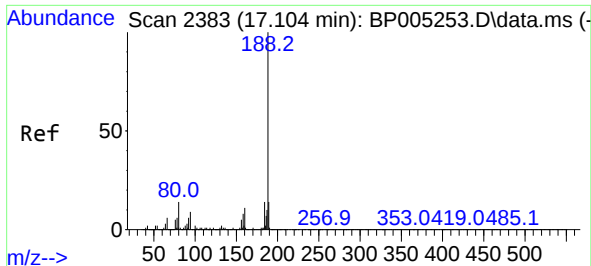
Tgt Ion:330 Resp: 18506
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 43.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 8.31 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:172 Resp: 63936
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 24.3 19.2 28.8

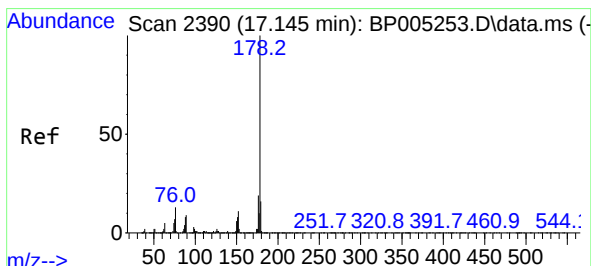
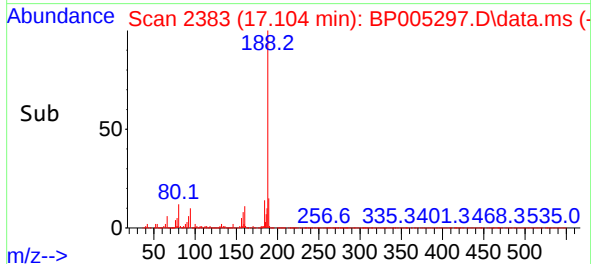
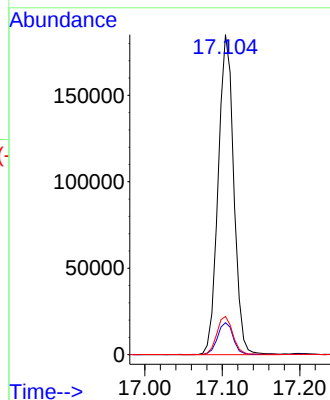
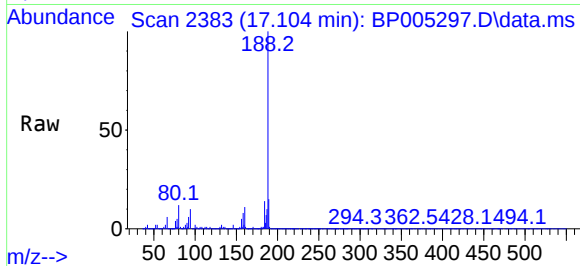




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

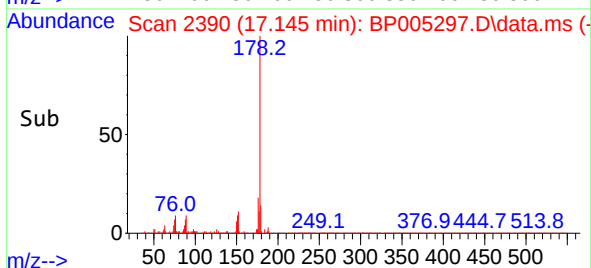
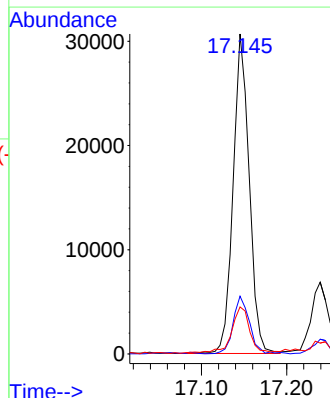
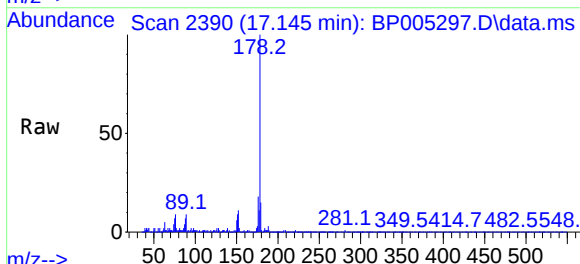
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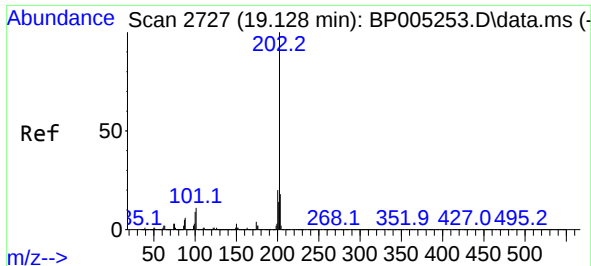
Tgt Ion:188 Resp: 258335
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.2#
80 11.9 6.2 9.2#



#71
Phenanthrene
Concen: 2.75 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:178 Resp: 40160
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.7 12.5 18.7

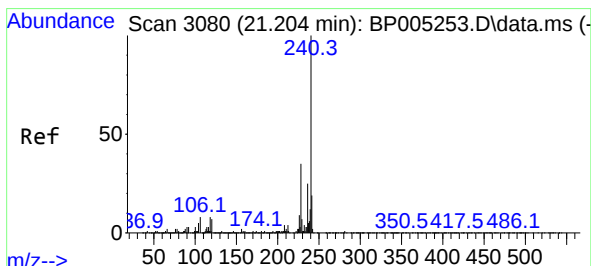
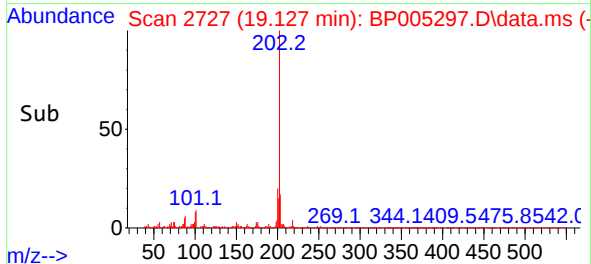
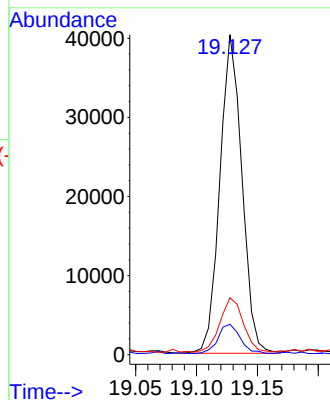
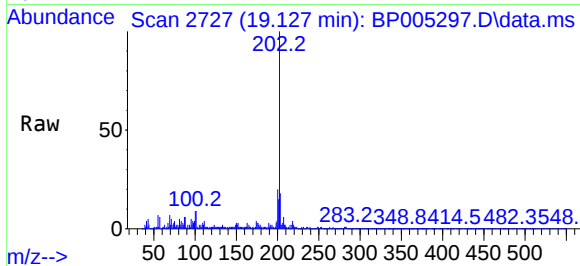




#75
Fluoranthene
Concen: 2.83 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

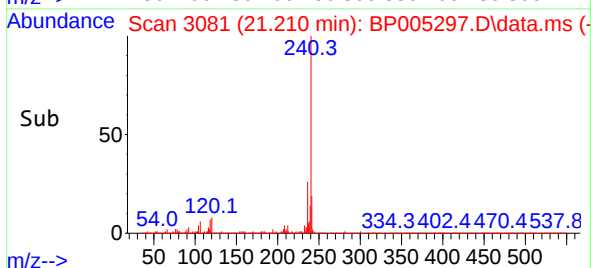
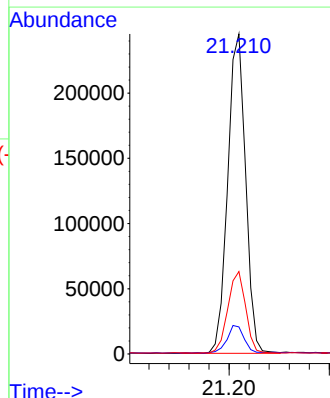
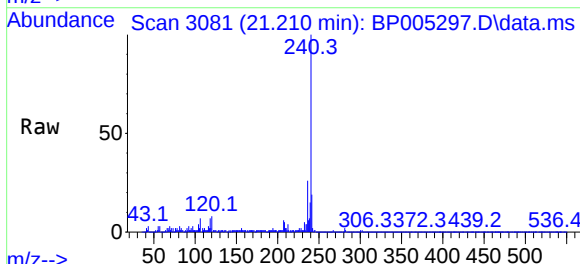
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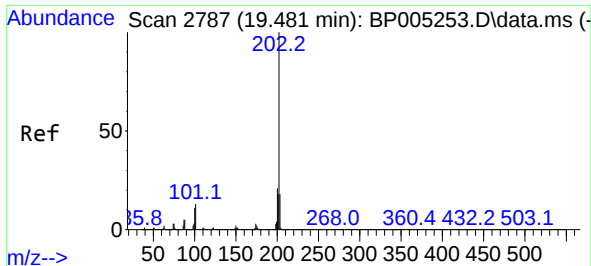
Tgt Ion:	202	Resp:	50676
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.4
203	17.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP005297.D
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Tgt Ion:	240	Resp:	302207
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.8	11.6
236	25.7	20.8	31.2

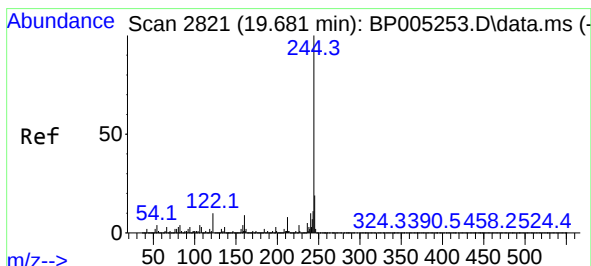
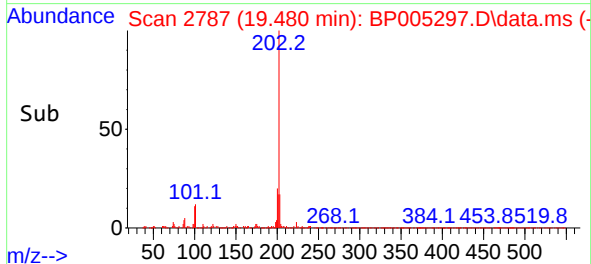
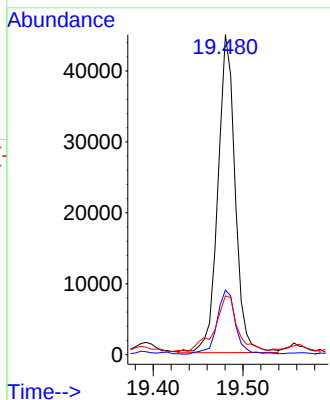
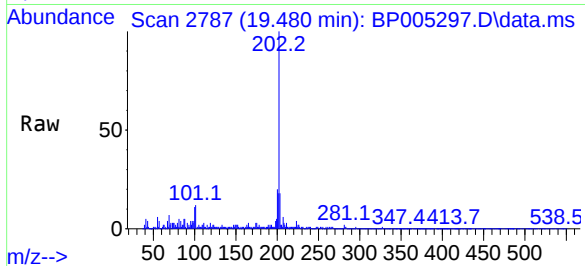




#78
Pyrene
Concen: 3.19 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

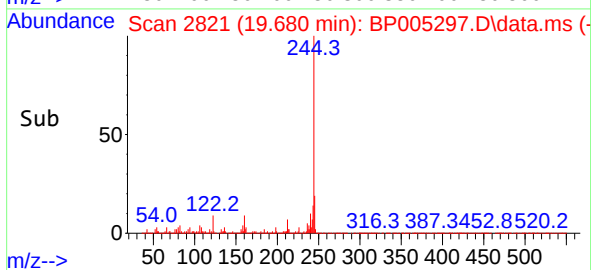
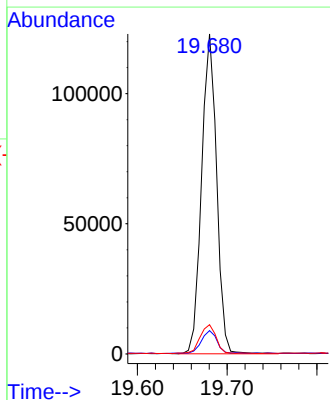
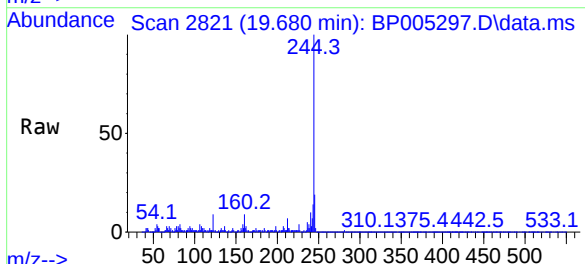
Instrument :
BNA_P
ClientSampled :
OR-02-041221

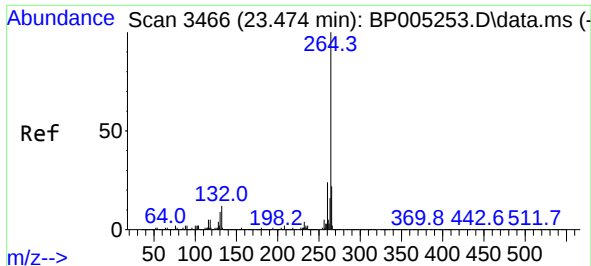
Tgt Ion:202 Resp: 60004
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 18.4 14.2 21.2



#79
Terphenyl-d14
Concen: 9.27 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:244 Resp: 142591
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.486 min Scan# 3468
 Delta R.T. 0.012 min
 Lab File: BP005297.D
 Acq: 13 Apr 2021 20:49

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-041221

Tgt Ion:264 Resp: 252265
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 23.3 17.4 26.2

