

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)

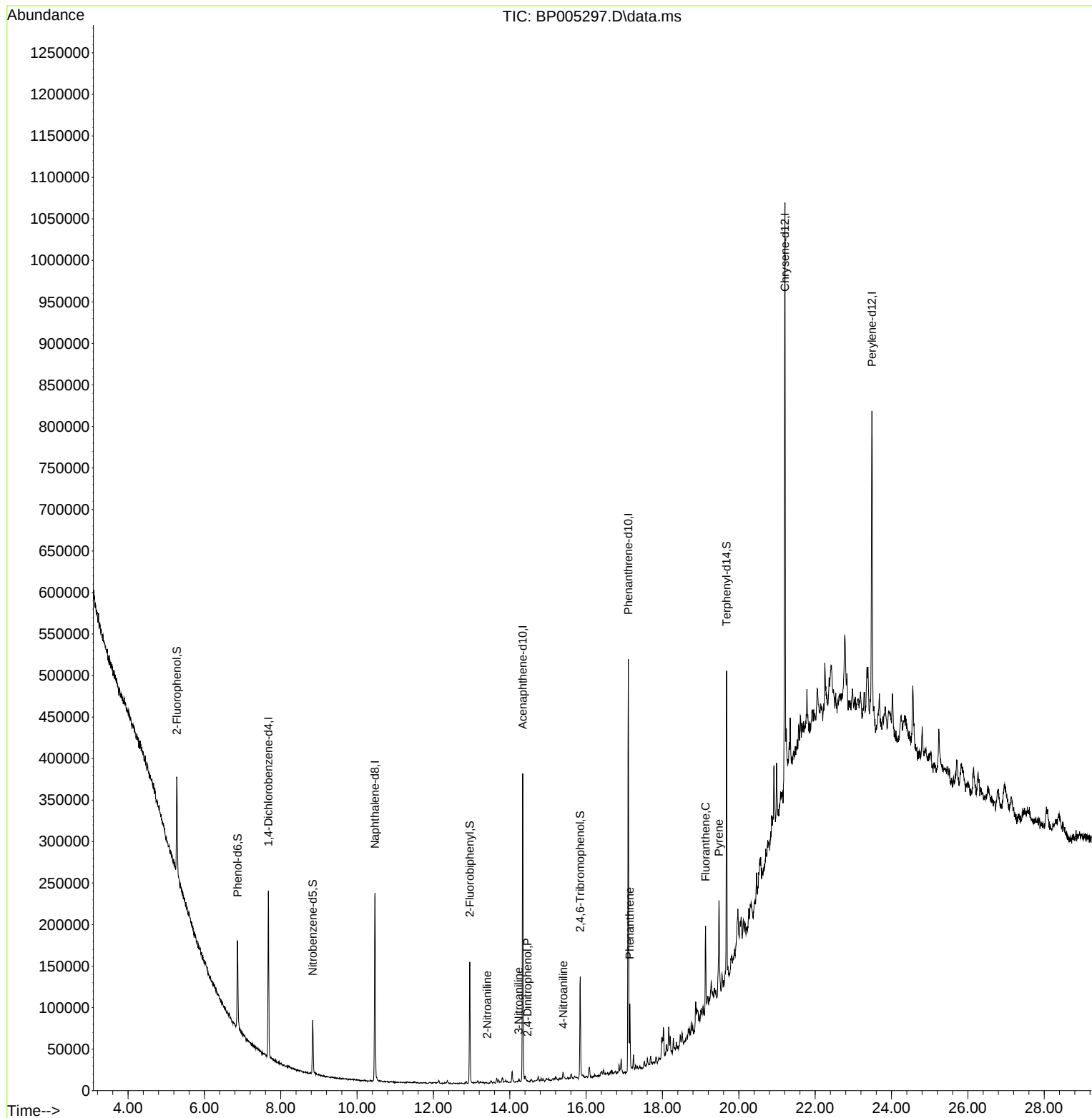
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	47000	20.00	ng	# 0.00
21) Naphthalene-d8	10.469	136	157543	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	103883	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	258335	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	302207	20.00	ng	0.00
86) Perylene-d12	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
48) 2-Nitroaniline	13.410	65	24	3.53	ng	# 41
53) 3-Nitroaniline	14.234	138	49	2.50	ng	# 1
54) 2,4-Dinitrophenol	14.463	184	15	6.16	ng	# 1
62) 4-Nitroaniline	15.398	138	98	2.13	ng	# 53
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

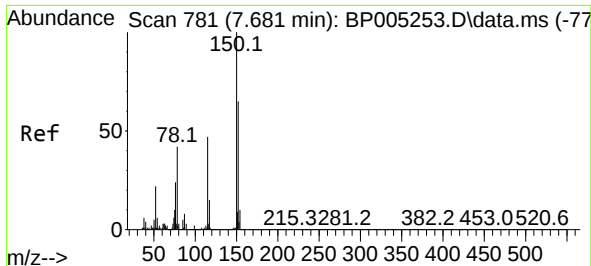
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
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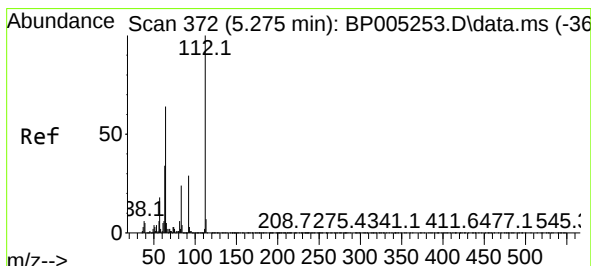
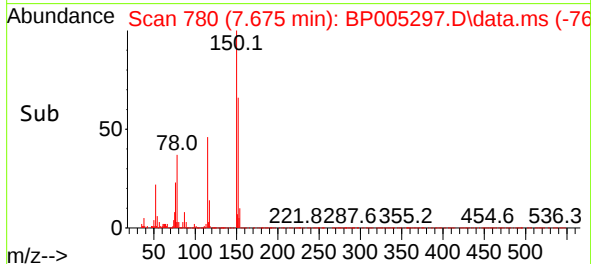
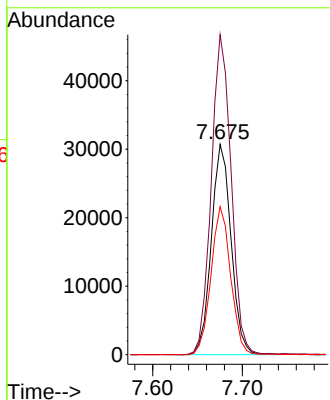
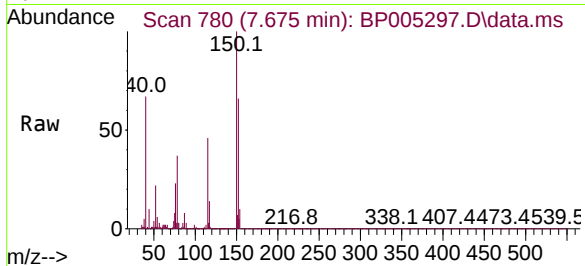




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

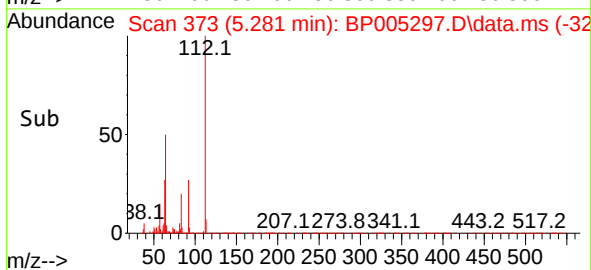
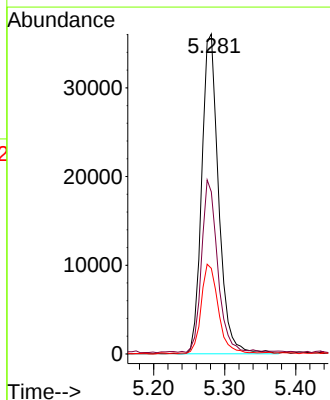
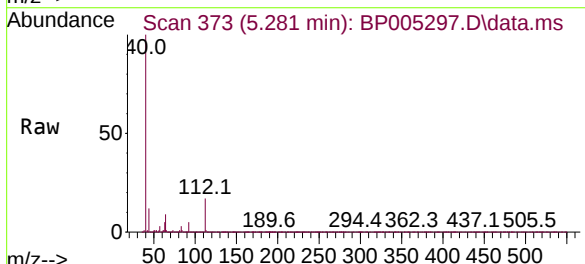
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

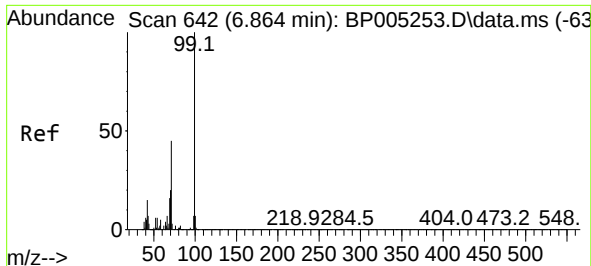
Tgt Ion:152 Resp: 47000
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 70.4 43.8 65.6#



#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#

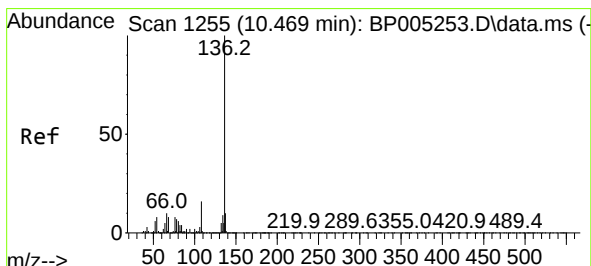
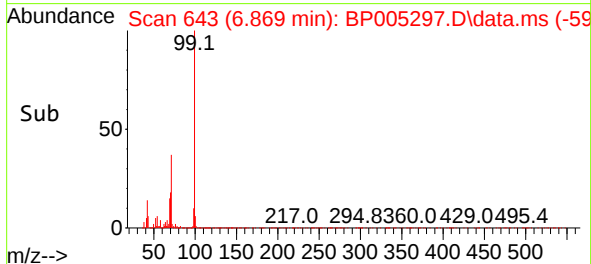
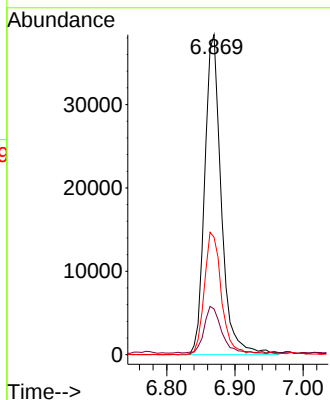
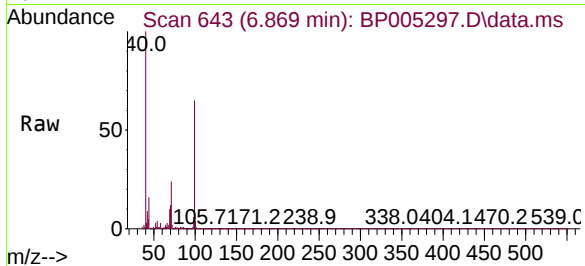




#7
Phenol-d6
Concen: 12.73 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

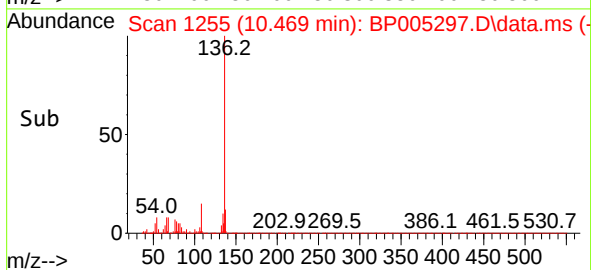
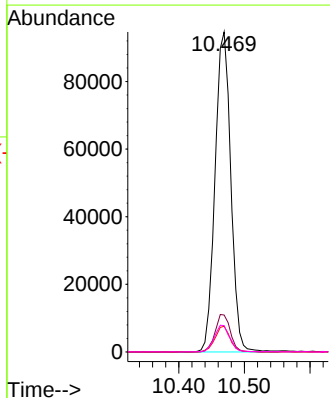
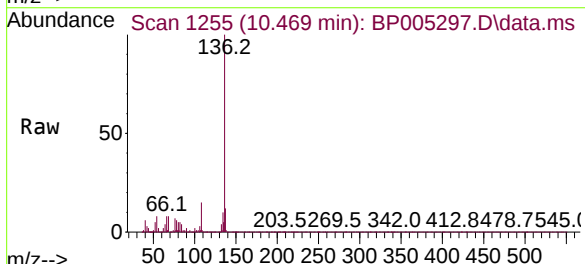
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

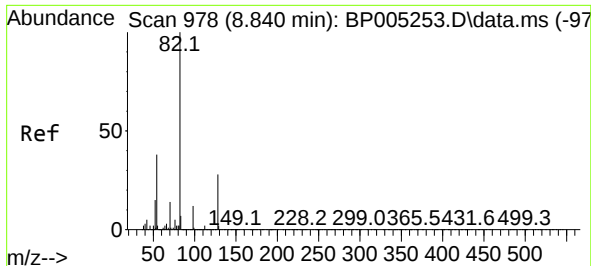
Tgt Ion: 99 Resp: 65062
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 36.7 23.4 35.2#



#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#

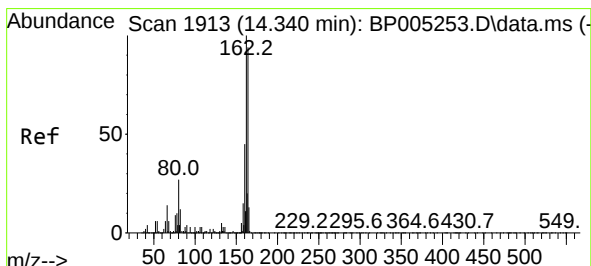
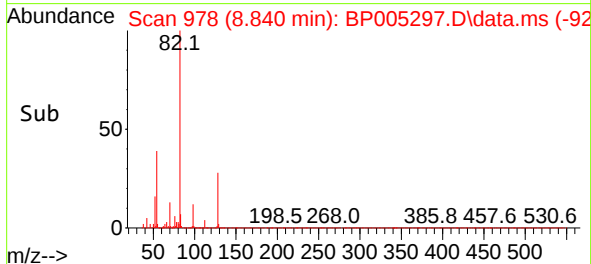
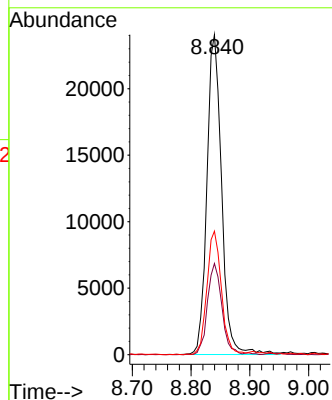
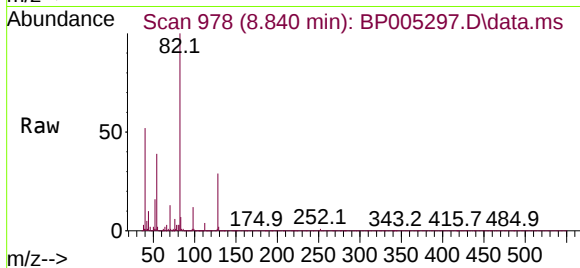




#23
Nitrobenzene-d5
Concen: 8.36 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

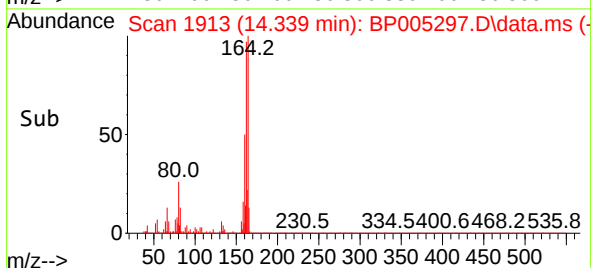
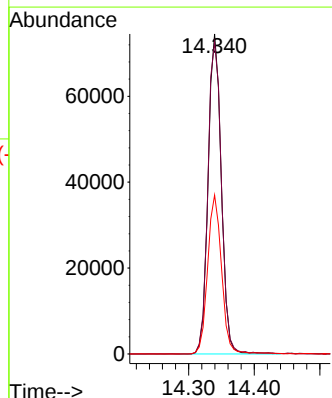
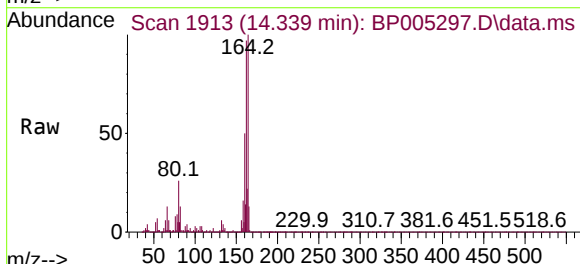
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

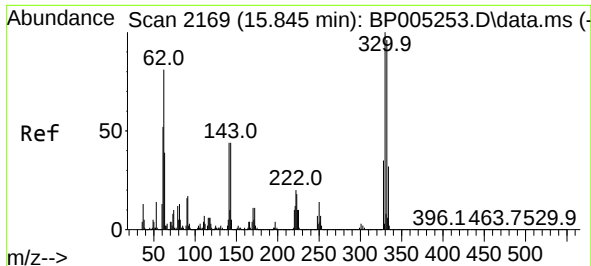
Tgt Ion: 82 Resp: 41788
Ion Ratio Lower Upper
82 100
128 28.5 45.6 68.4#
54 38.6 30.1 45.1



#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

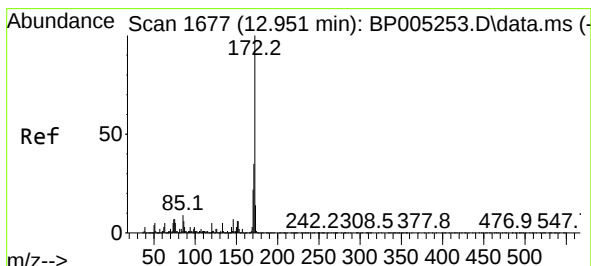
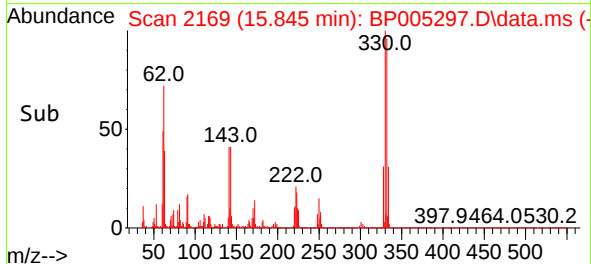
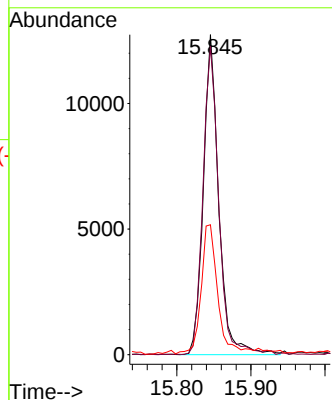
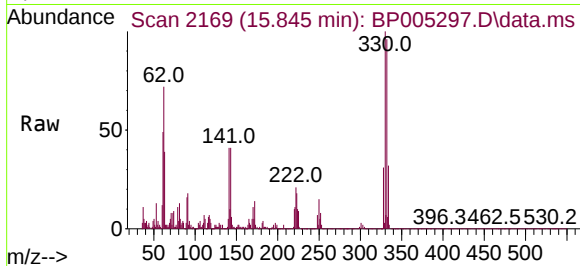




#42
2,4,6-Tribromophenol
Concen: 14.11 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

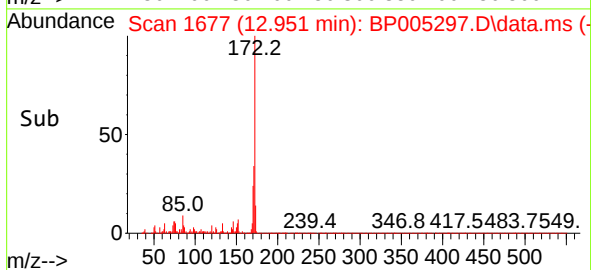
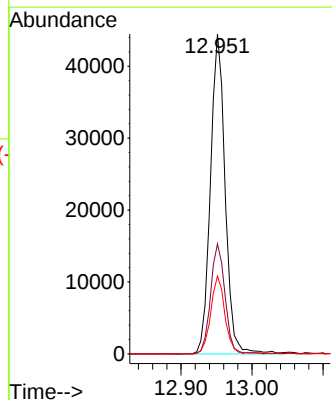
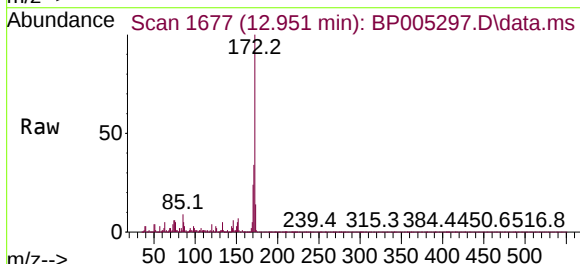
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

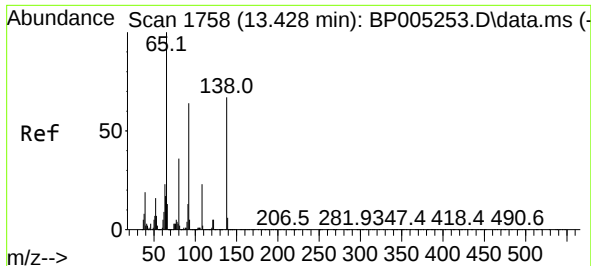
Tgt Ion:330 Resp: 18506
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 43.3 23.4 35.2#



#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

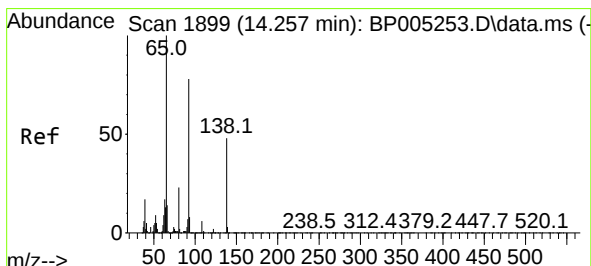
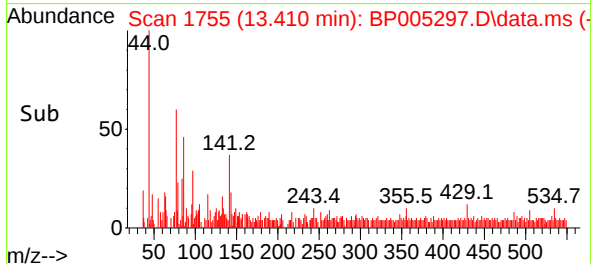
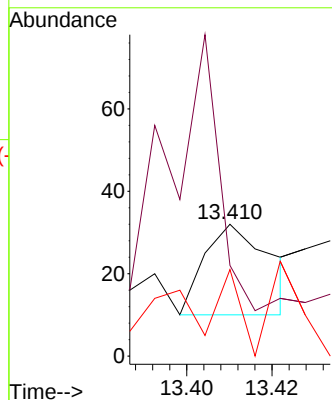
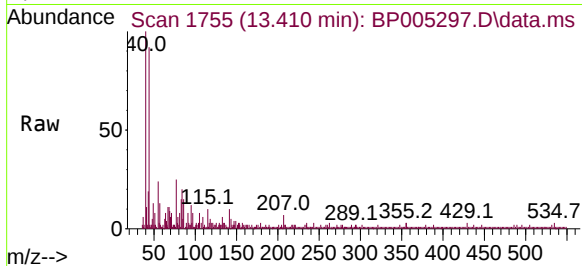




#48
2-Nitroaniline
Concen: 3.53 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.018 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

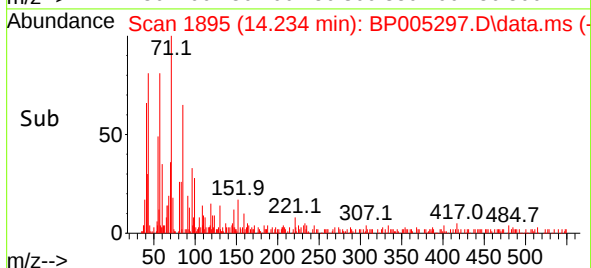
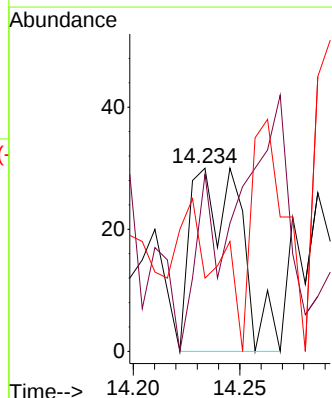
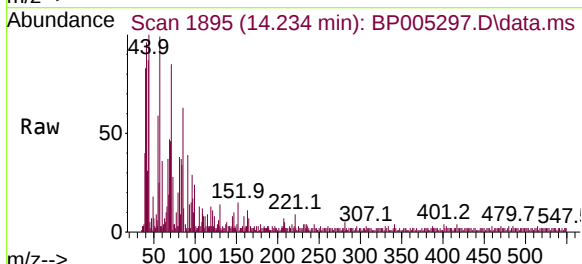
Instrument :
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ClientSampled :
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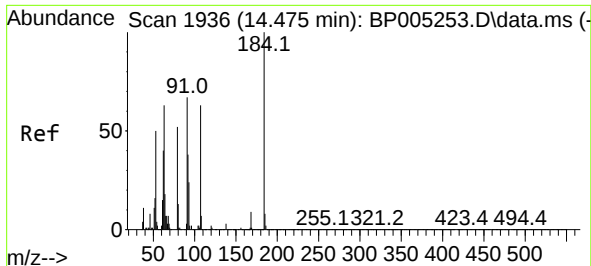
Tgt Ion: 65 Resp: 24
Ion Ratio Lower Upper
65 100
92 89.4 70.6 106.0
138 44.7 133.6 200.4#



#53
3-Nitroaniline
Concen: 2.50 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.023 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
108 330.0 7.5 11.3#
92 40.0 75.0 112.6#

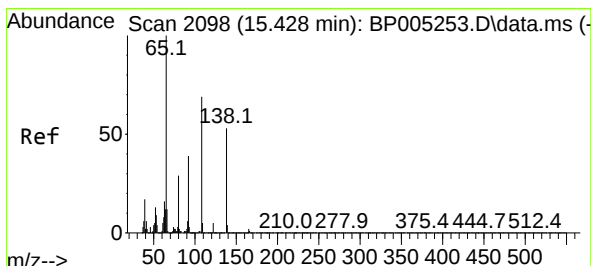
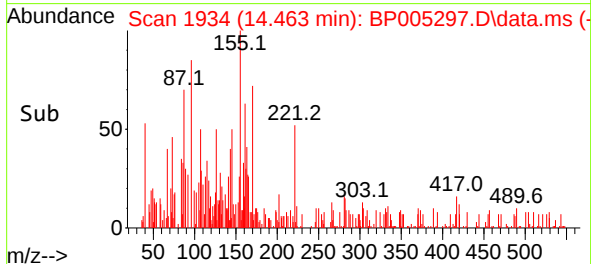
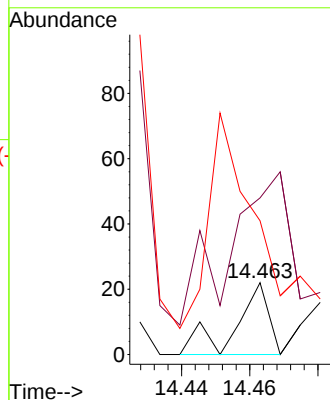
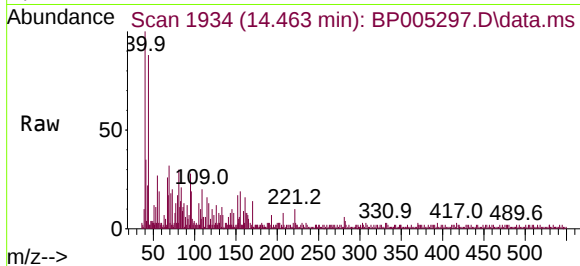




#54
2,4-Dinitrophenol
Concen: 6.16 ng
RT: 14.463 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

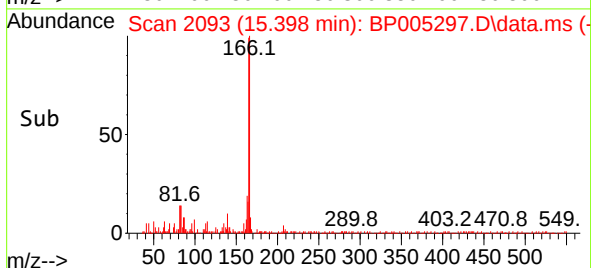
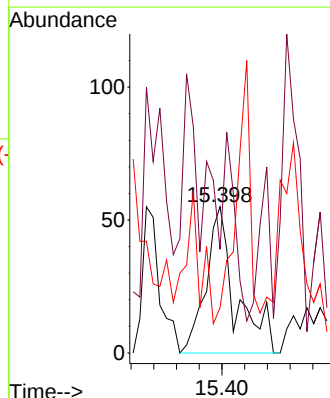
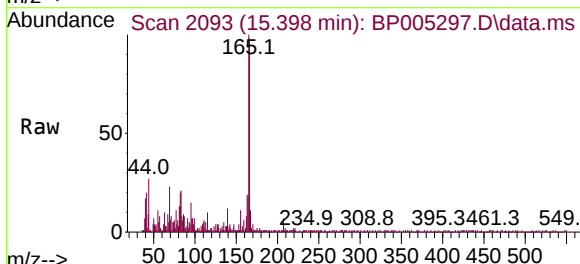
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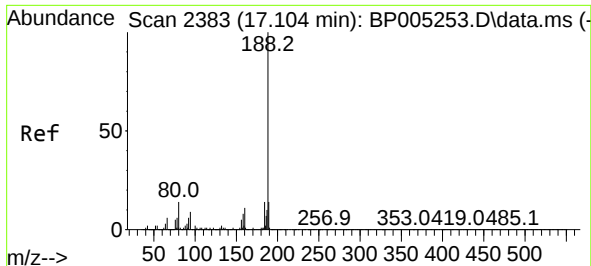
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 218.2 32.3 48.5#
154 186.4 49.1 73.7#



#62
4-Nitroaniline
Concen: 2.13 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.030 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

Tgt Ion:138 Resp: 98
Ion Ratio Lower Upper
138 100
92 70.9 20.7 60.7#
108 30.9 47.8 87.8#

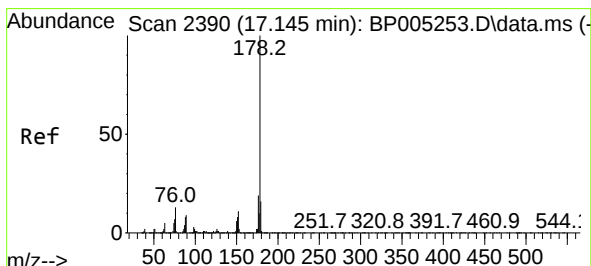
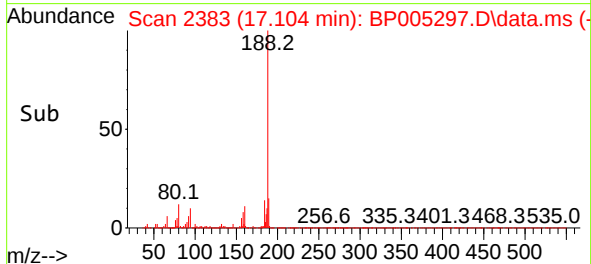
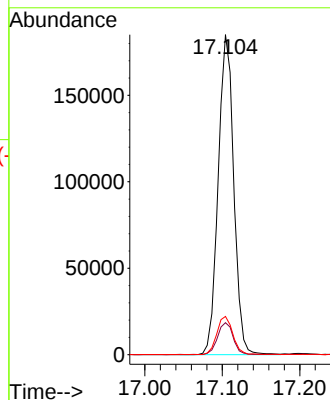
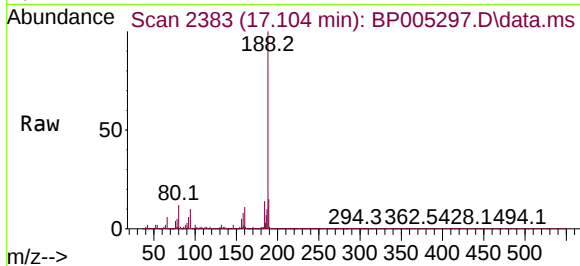




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

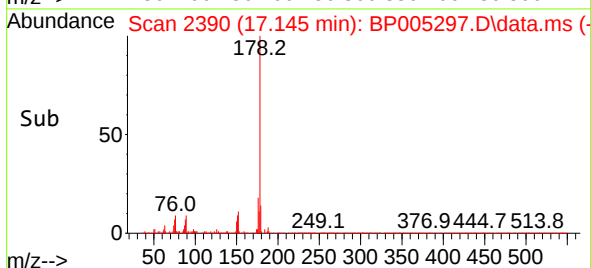
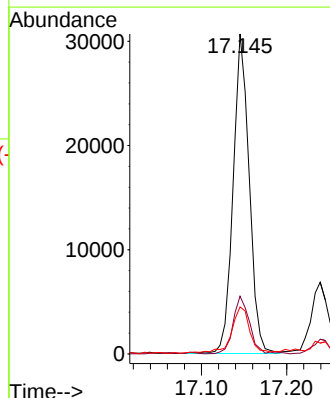
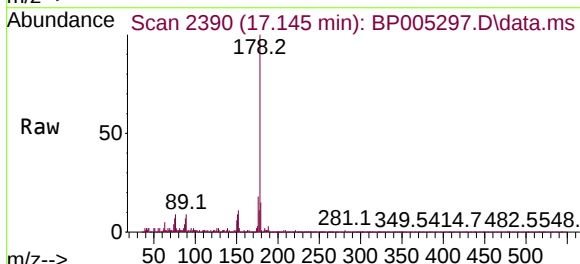
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

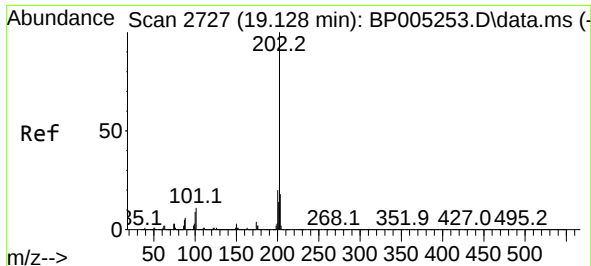
Tgt Ion:188 Resp: 258335
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.2#
80 11.9 6.2 9.2#



#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

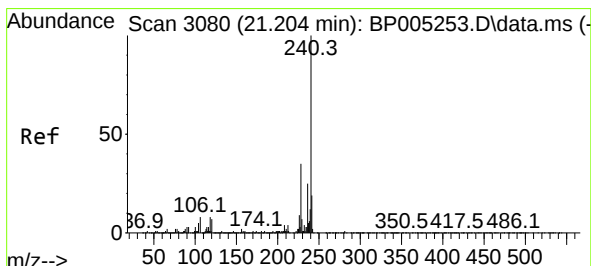
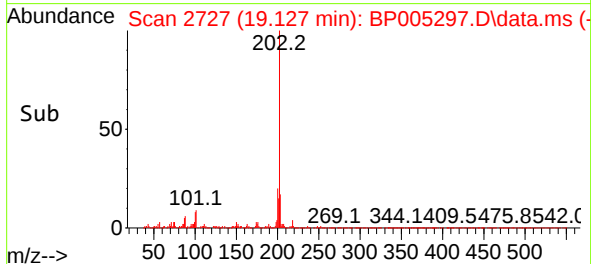
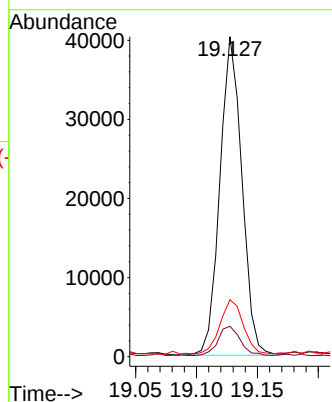
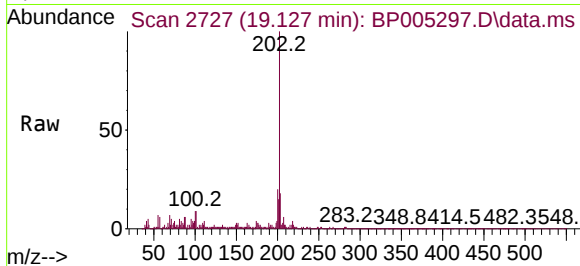




#75
Fluoranthene
Concen: 2.83 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

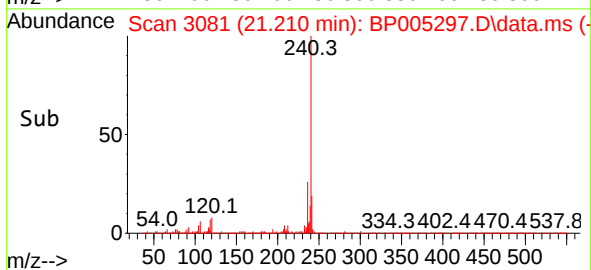
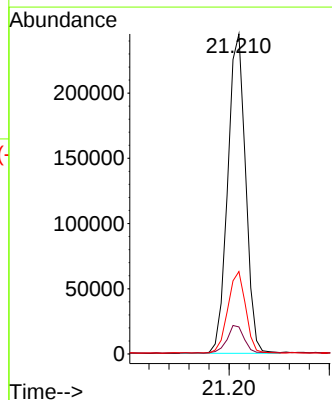
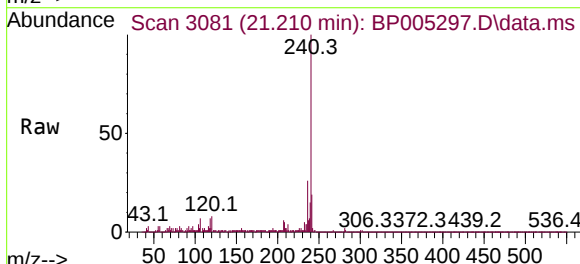
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

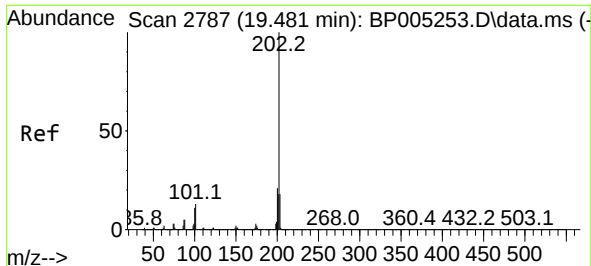
Tgt Ion:	202	Resp:	50676
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.4
203	17.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.006 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

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

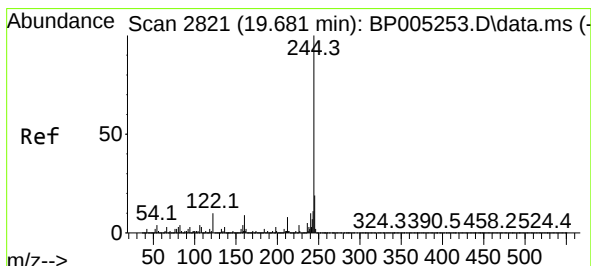
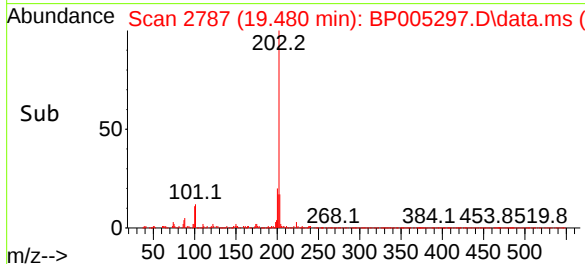
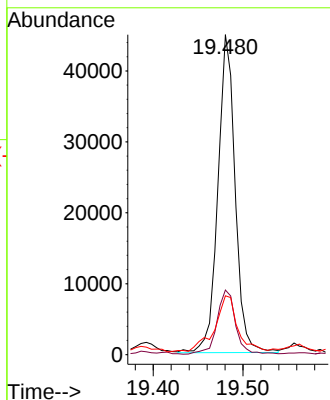
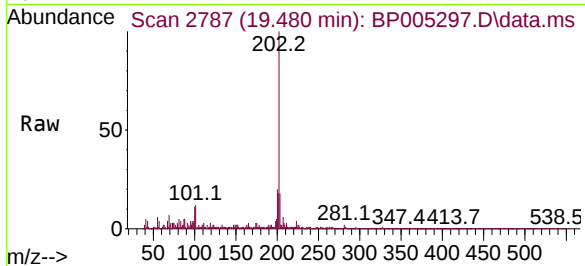




#78
Pyrene
Concen: 3.19 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005297.D
Acq: 13 Apr 2021 20:49

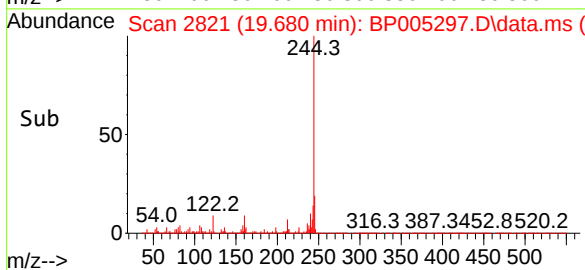
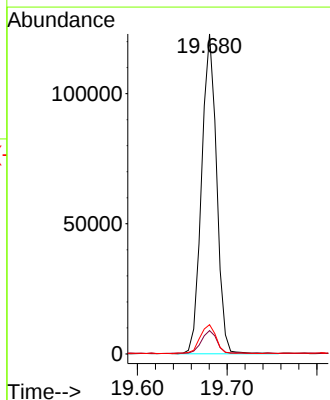
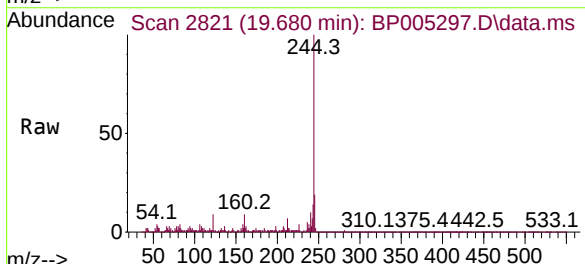
Instrument :
BNA_P
ClientSampleId :
OR-02-041221

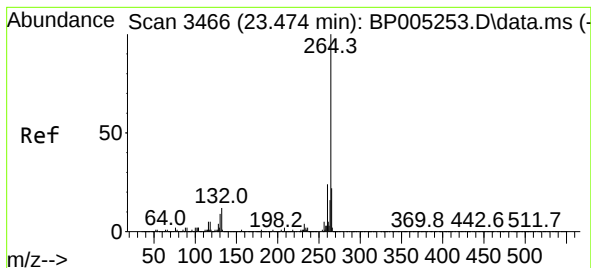
Tgt Ion:	202	Resp:	60004
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.1	25.7
203	18.4	14.2	21.2



#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

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

