

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091620\
 Data File : BP003305.D
 Acq On : 16 Sep 2020 17:01
 Operator : CG/JU
 Sample : L4021-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B16-5-7

Quant Time: Sep 16 18:15:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:18:39 2020
 Response via : Initial Calibration

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

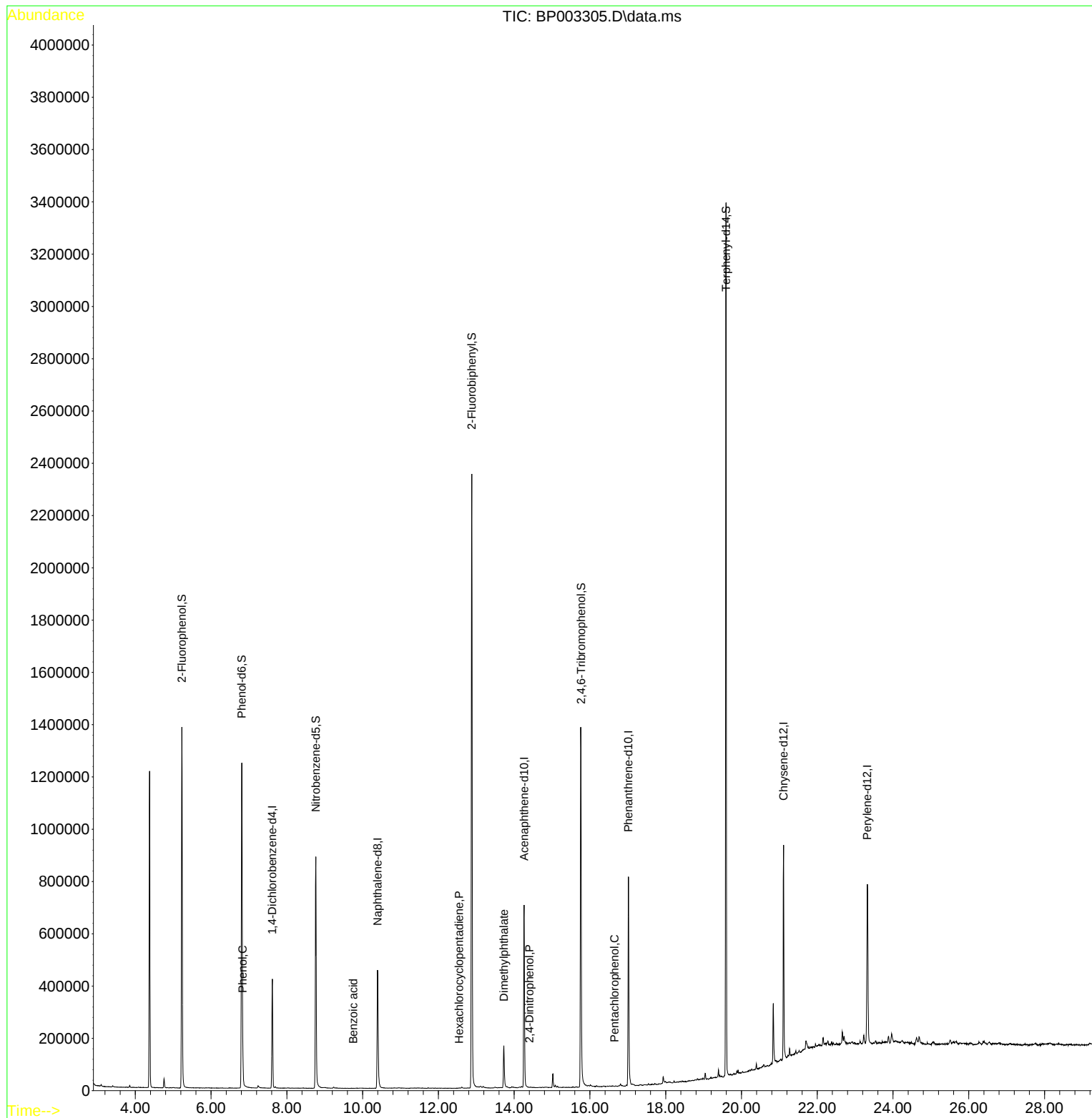
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	119073	20.00	ng	0.00
21) Naphthalene-d8	10.393	136	447820	20.00	ng	# 0.00
39) Acenaphthene-d10	14.263	164	261898	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	510265	20.00	ng	0.00
76) Chrysene-d12	21.110	240	413104	20.00	ng	0.00
86) Perylene-d12	23.322	264	464629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.228	112	680015	99.72	ng	0.00
7) Phenol-d6	6.811	99	849455	93.45	ng	0.00
23) Nitrobenzene-d5	8.763	82	567133	74.40	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	327952	82.10	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1310707	73.19	ng	0.00
79) Terphenyl-d14	19.592	244	1474720	74.38	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.834	94	42818	4.93	ng	81
32) Benzoic acid	9.752	122	35	9.16	ng	# 74
41) Hexachlorocyclopentadiene	12.546	237	15	6.84	ng	83
50) Dimethylphthalate	13.728	163	135105	6.46	ng	98
54) 2,4-Dinitrophenol	14.398	184	9	7.26	ng	# 1
70) Pentachlorophenol	16.645	266	24	6.78	ng	88

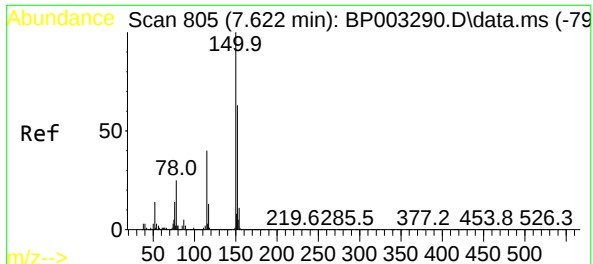
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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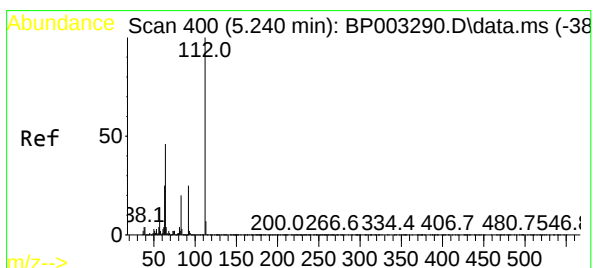
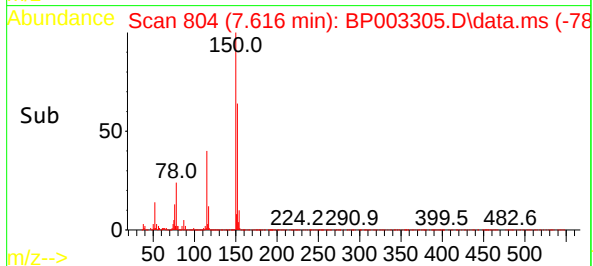
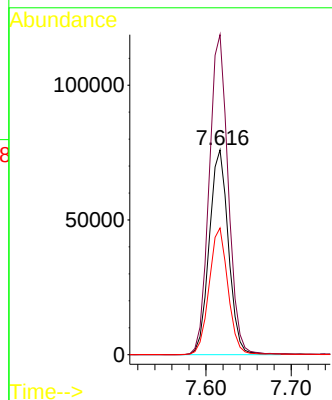
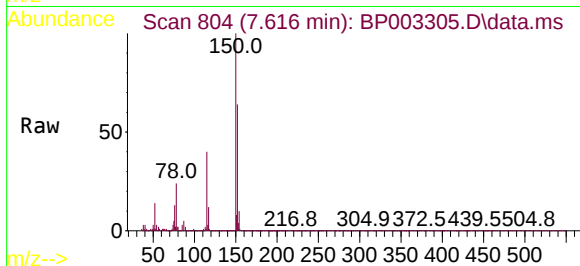




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

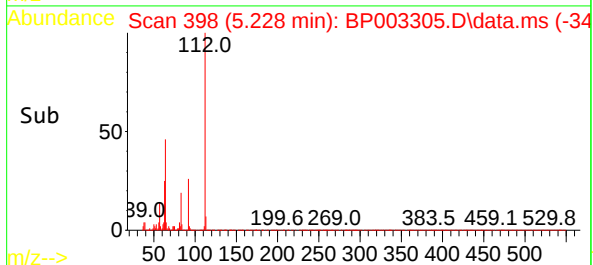
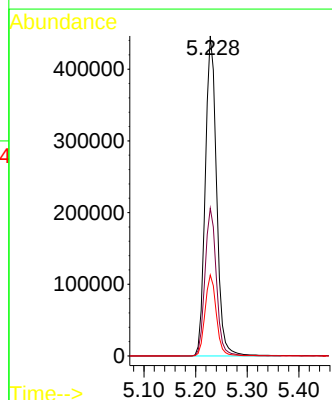
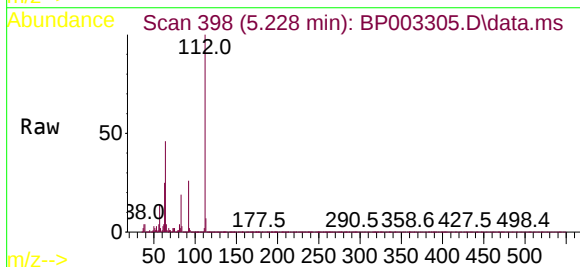
Instrument :
BNA_P
ClientSampleId :
B16-5-7

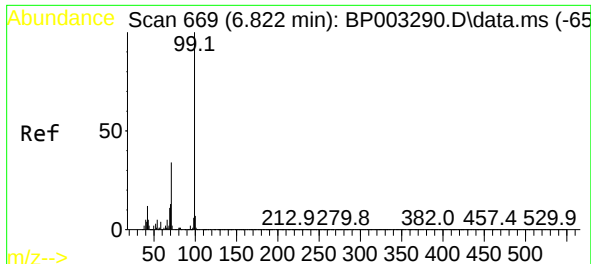
Tgt Ion:152 Resp: 119073
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 99.72 ng
RT: 5.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:112 Resp: 680015
Ion Ratio Lower Upper
112 100
64 46.1 32.8 49.2
63 25.3 17.0 25.4

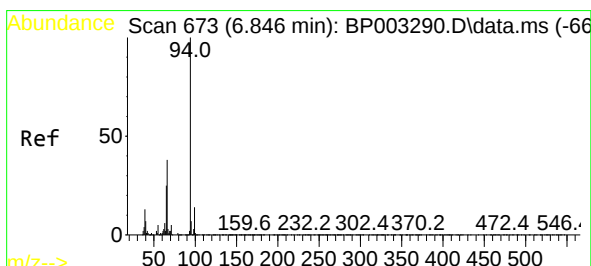
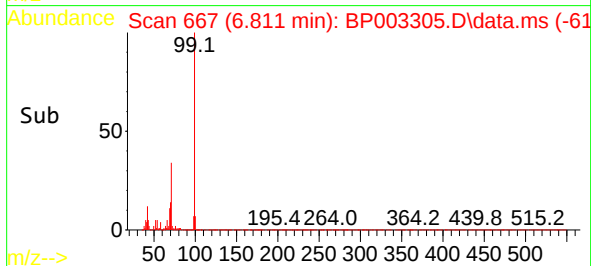
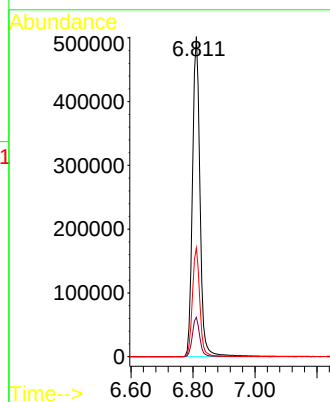
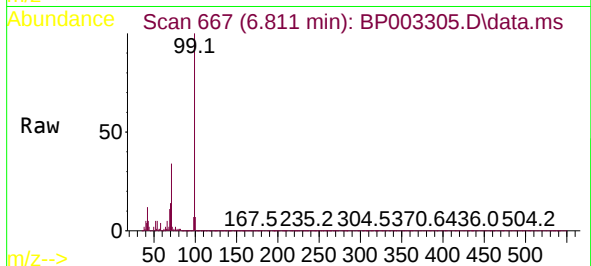




#7
Phenol-d6
Concen: 93.45 ng
RT: 6.811 min Scan# 667
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

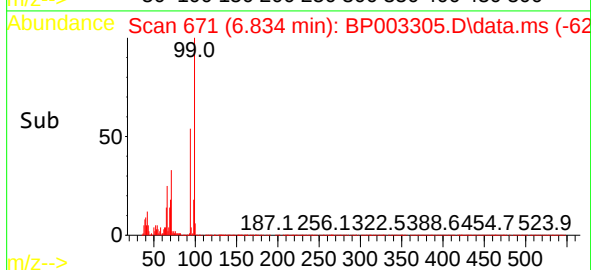
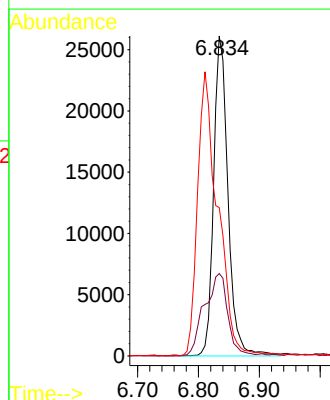
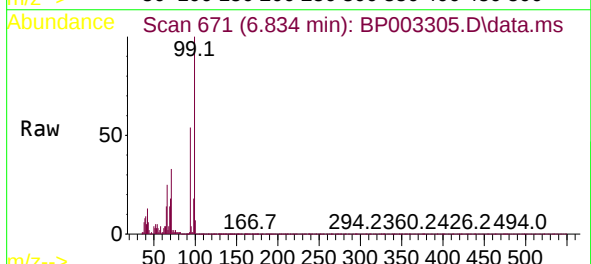
Instrument :
BNA_P
ClientSampleId :
B16-5-7

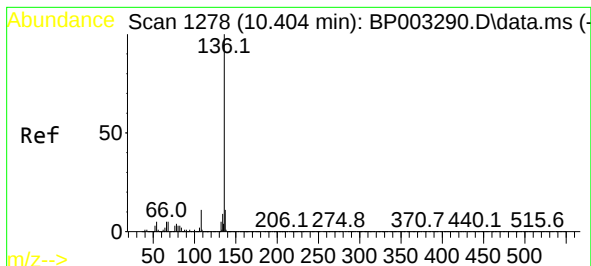
Tgt Ion: 99 Resp: 849455
Ion Ratio Lower Upper
99 100
42 12.3 8.6 13.0
71 34.0 23.4 35.2



#10
Phenol
Concen: 4.93 ng
RT: 6.834 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion: 94 Resp: 42818
Ion Ratio Lower Upper
94 100
65 25.8 2.3 42.3
66 46.4 10.9 50.9

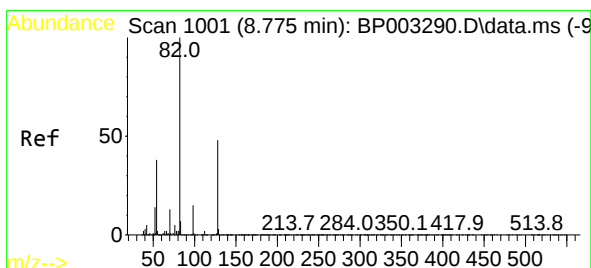
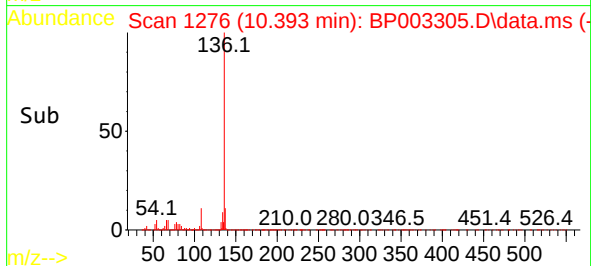
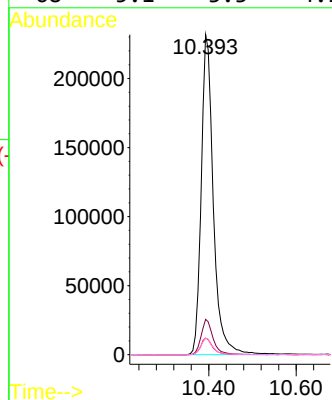
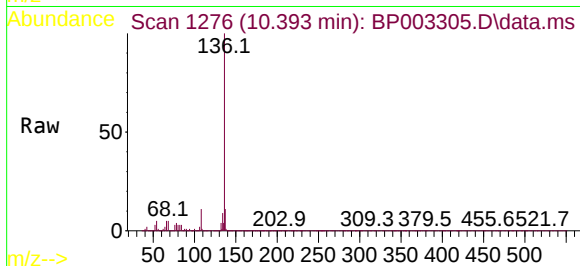




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.393 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

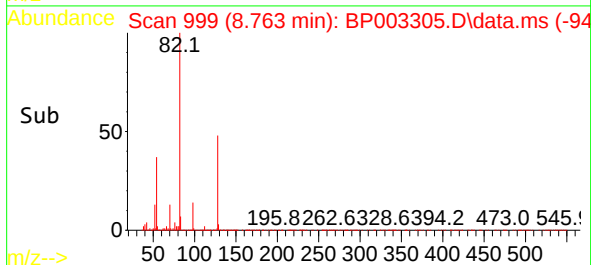
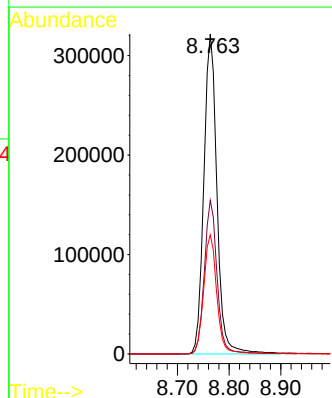
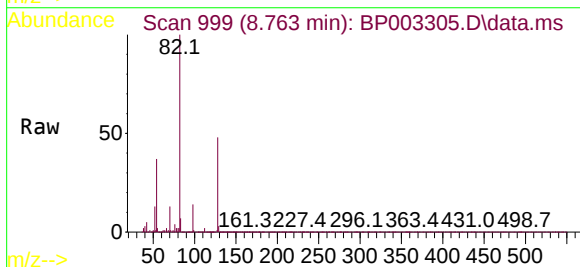
Instrument :
BNA_P
ClientSampleId :
B16-5-7

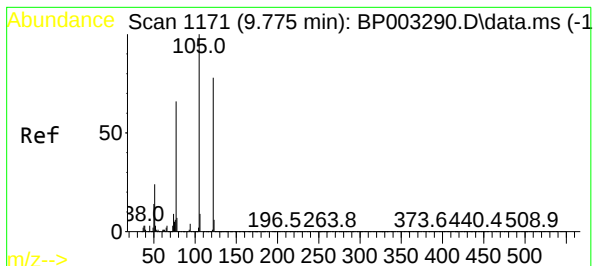
Tgt Ion:	136	Resp:	447820
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	5.2	3.6	5.4
68	5.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 74.40 ng
RT: 8.763 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:	82	Resp:	567133
Ion Ratio	Lower	Upper	
82	100		
128	48.1	45.6	68.4
54	37.2	30.1	45.1

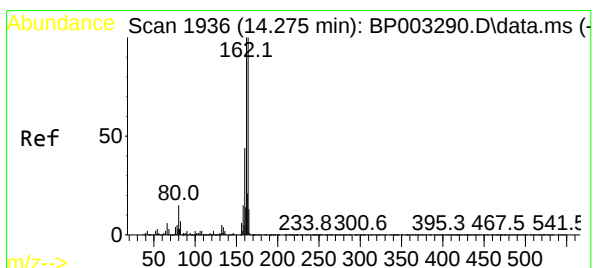
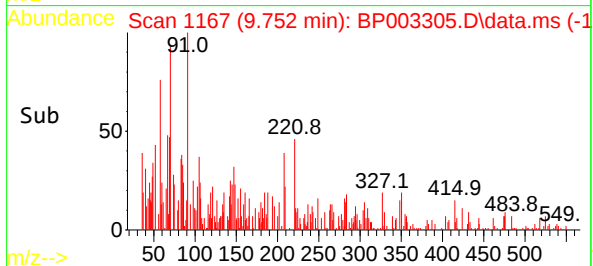
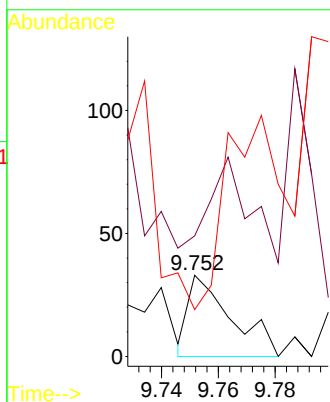
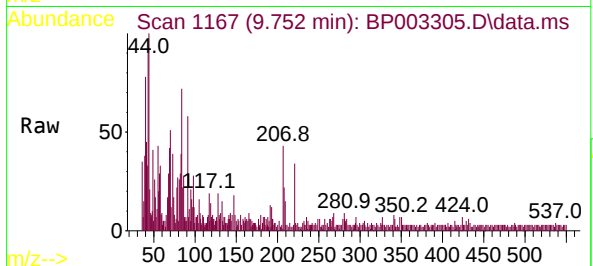




#32
Benzoic acid
Concen: 9.16 ng
RT: 9.752 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

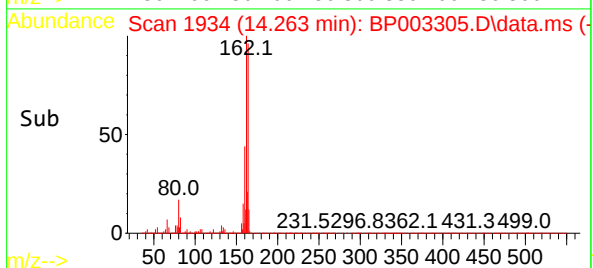
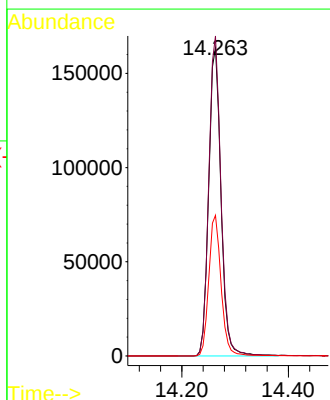
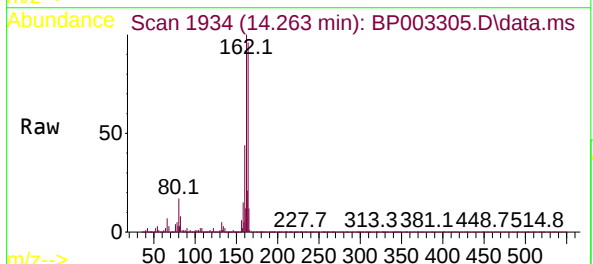
Instrument :
BNA_P
ClientSampleId :
B16-5-7

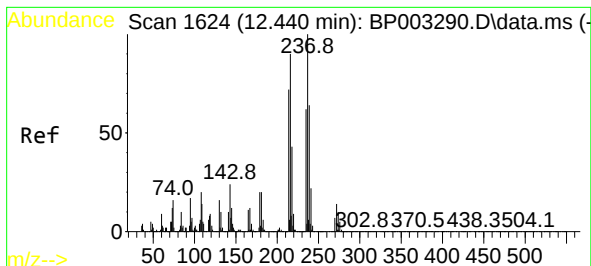
Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 148.5 94.1 134.1#
77 57.6 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:164 Resp: 261898
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.2
160 45.6 36.1 54.1

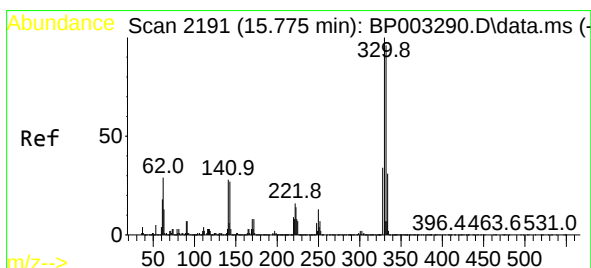
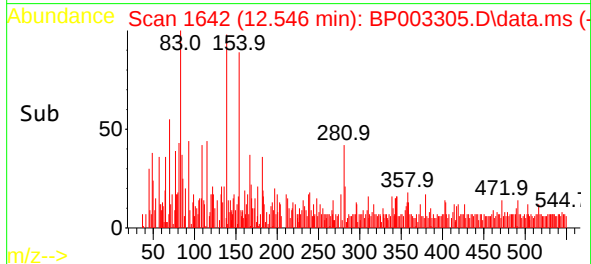
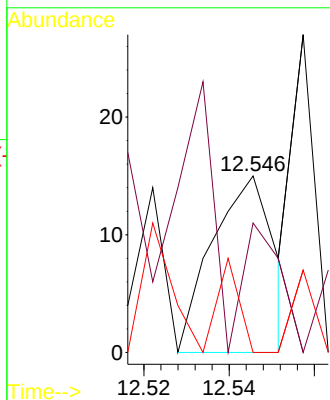
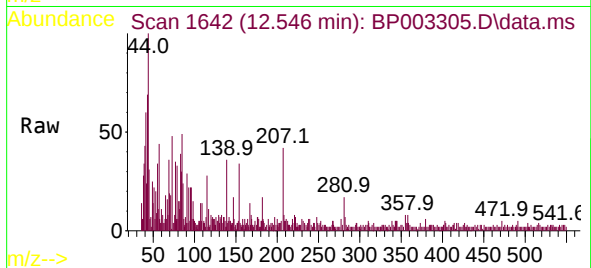




#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.546 min Scan# 1642
Delta R.T. 0.118 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

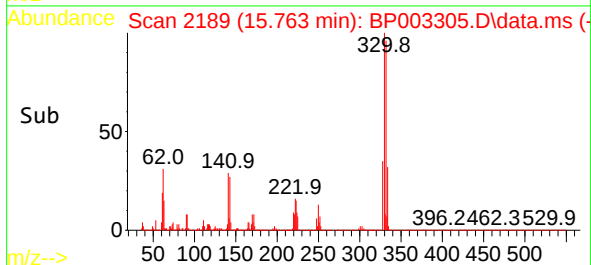
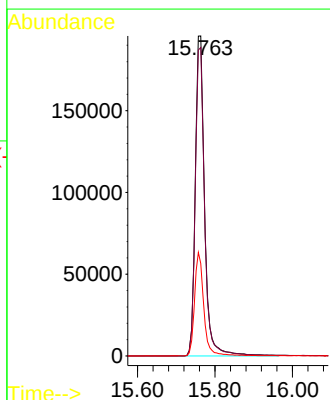
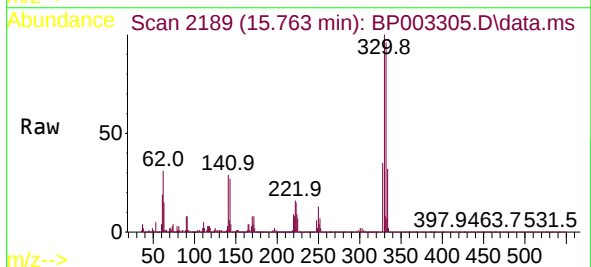
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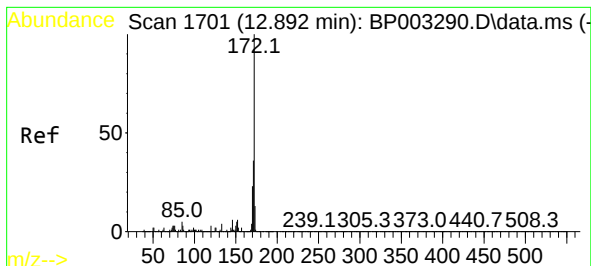
Tgt Ion:	237	Resp:	15
Ion	Ratio	Lower	Upper
237	100		
235	73.3	43.2	83.2
272	0.0	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 82.10 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:	330	Resp:	327952
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	32.0	23.4	35.2

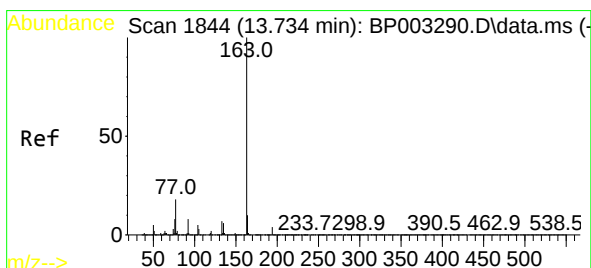
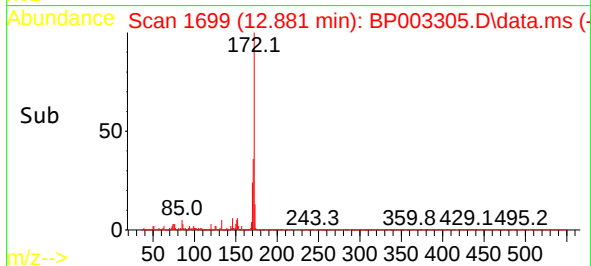
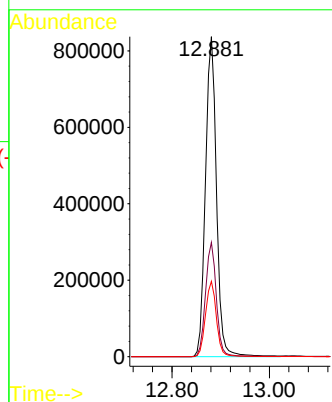
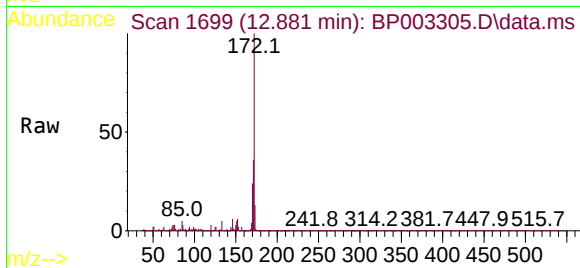




#45
2-Fluorobiphenyl
Concen: 73.19 ng
RT: 12.881 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

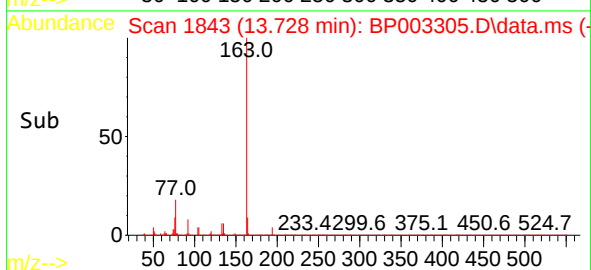
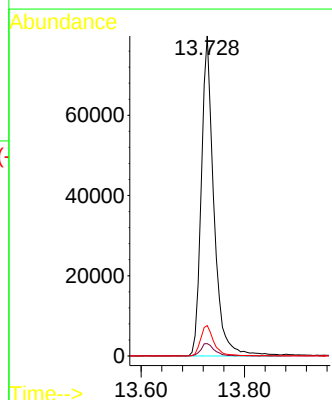
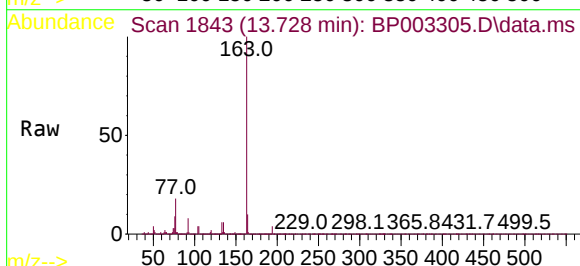
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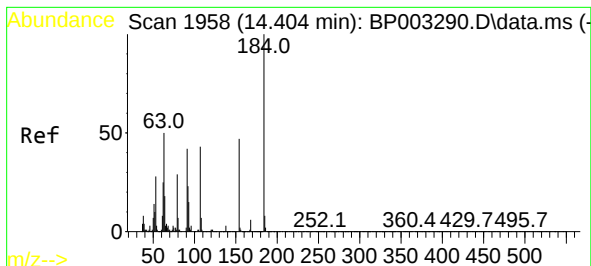
Tgt Ion:172 Resp: 1310707
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 6.46 ng
RT: 13.728 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:163 Resp: 135105
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.5 8.2 12.2

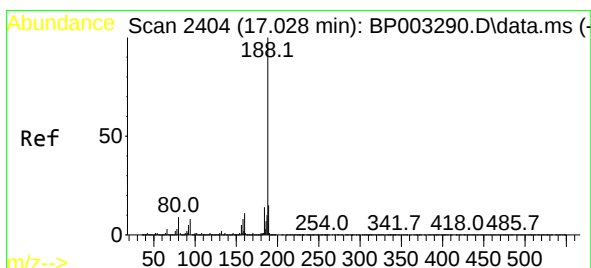
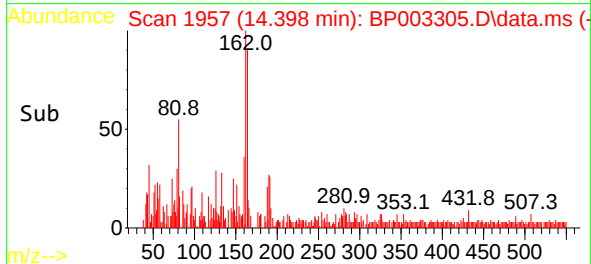
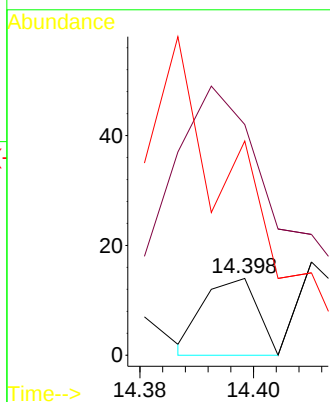
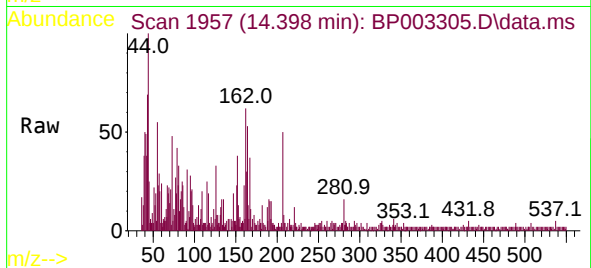




#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.398 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

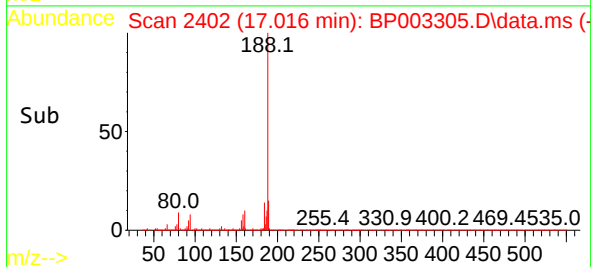
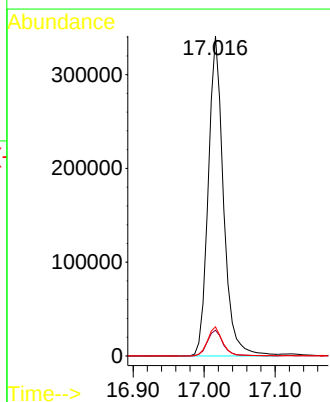
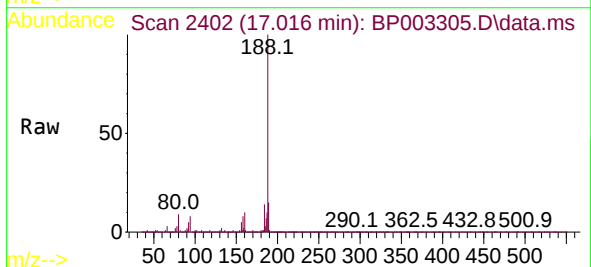
Instrument :
BNA_P
ClientSampleId :
B16-5-7

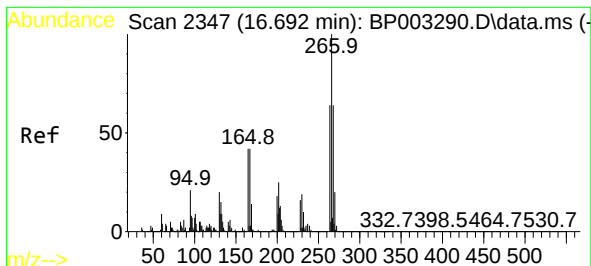
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 300.0 32.3 48.5#
154 278.6 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:188 Resp: 510265
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 9.1 6.2 9.2

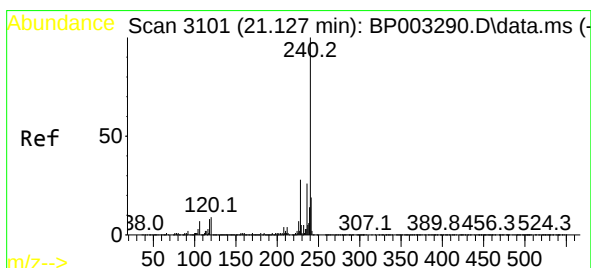
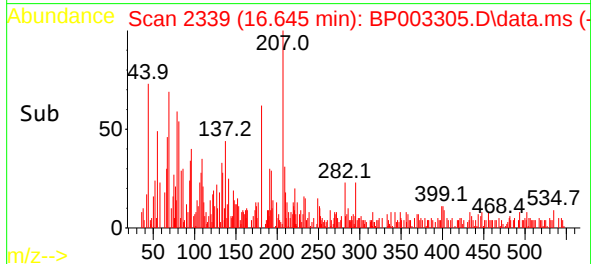
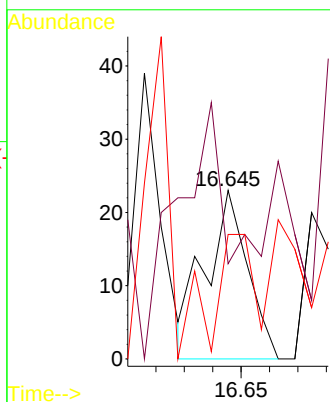
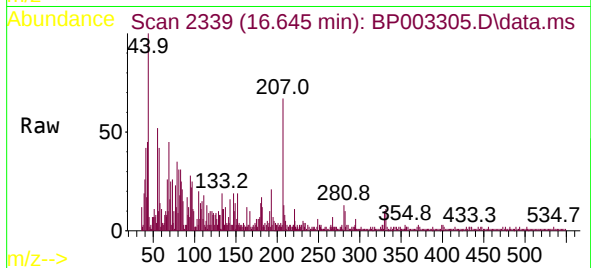




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.645 min Scan# 2339
Delta R.T. -0.041 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

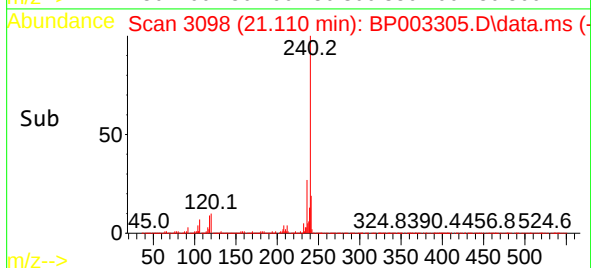
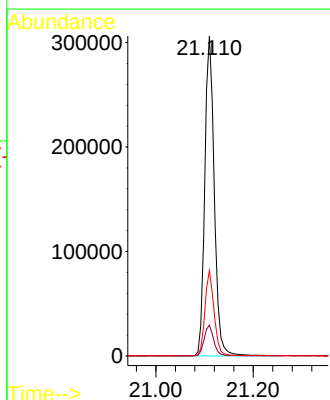
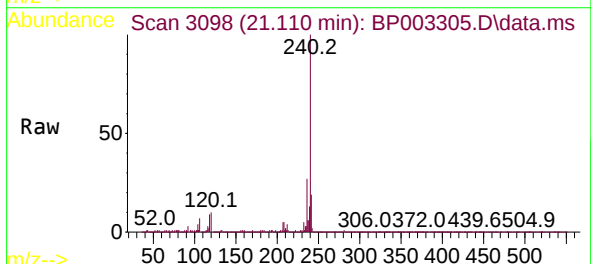
Instrument :
BNA_P
ClientSampleId :
B16-5-7

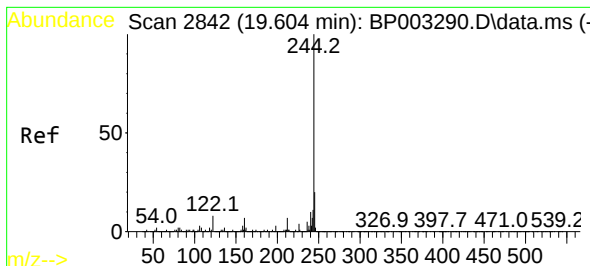
Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 56.5 51.1 76.7
264 73.9 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:240 Resp: 413104
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.7 20.8 31.2

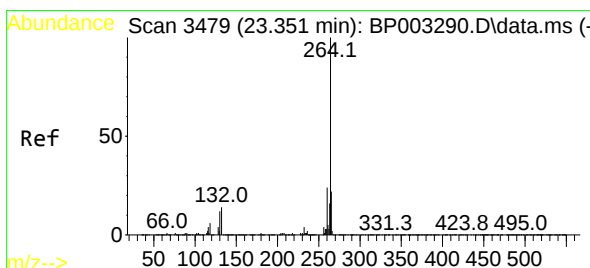
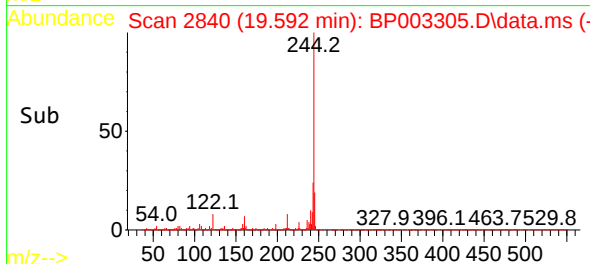
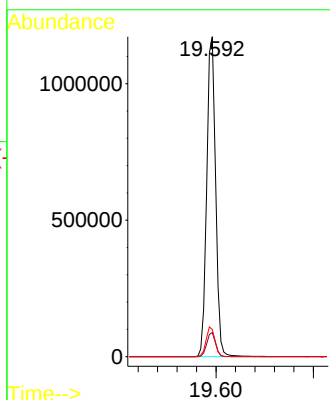
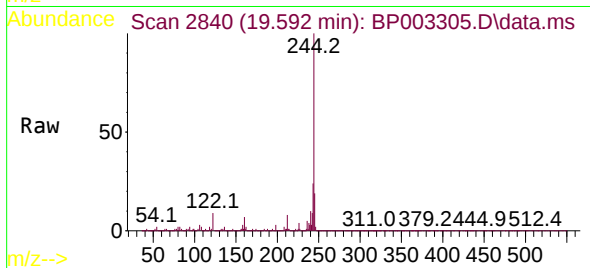




#79
Terphenyl-d14
Concen: 74.38 ng
RT: 19.592 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Instrument :
BNA_P
ClientSampleId :
B16-5-7

Tgt Ion:244 Resp: 1474720
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.5 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.322 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BP003305.D
Acq: 16 Sep 2020 17:01

Tgt Ion:264 Resp: 464629
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.5 17.4 26.2

