

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
 Data File : BP003732.D
 Acq On : 23 Oct 2020 21:42
 Operator : CG/JU
 Sample : L4486-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1806

Quant Time: Oct 24 00:33:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 19 14:54:24 2020
 Response via : Initial Calibration

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

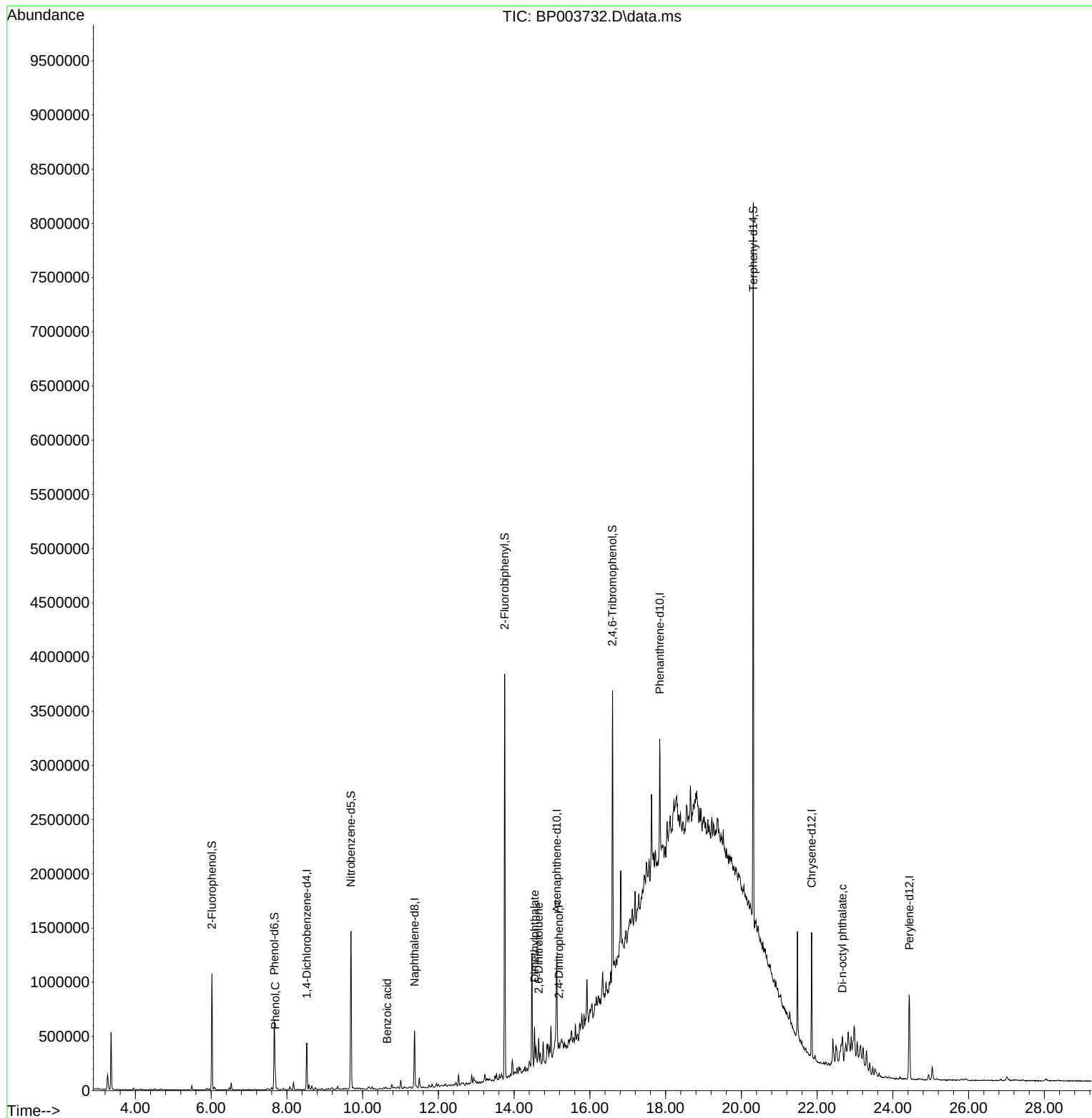
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.528	152	116894	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	411666	20.00	ng	# 0.00
39) Acenaphthene-d10	15.127	164	256551	20.00	ng	0.00
64) Phenanthrene-d10	17.845	188	521687	20.00	ng	# 0.00
76) Chrysene-d12	21.856	240	594095	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	666938	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	442160	63.25	ng	0.00
7) Phenol-d6	7.669	99	356773	36.12	ng	0.00
23) Nitrobenzene-d5	9.692	82	861215	88.50	ng	0.00
42) 2,4,6-Tribromophenol	16.598	330	530389	132.51	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1857484	93.60	ng	0.00
79) Terphenyl-d14	20.315	244	2793065	82.69	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.610	77	2714	Below Cal	#	1
10) Phenol	7.698	94	75056	7.98	ng	84
32) Benzoic acid	10.645	122	209	5.09	ng	# 67
50) Dimethylphthalate	14.539	163	231326	10.97	ng	98
51) 2,6-Dinitrotoluene	14.651	165	36717	8.56	ng	# 42
54) 2,4-Dinitrophenol	15.186	184	131	4.88	ng	# 1
85) Di-n-octyl phthalate	22.668	149	88022	2.60	ng	# 43

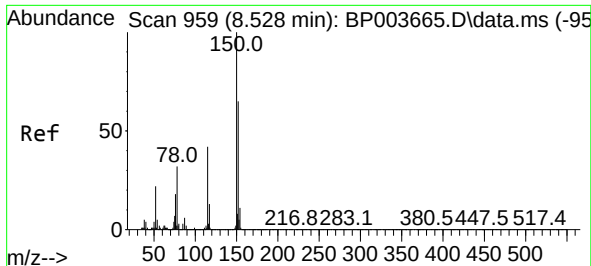
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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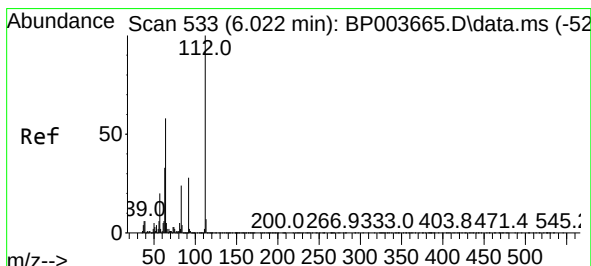
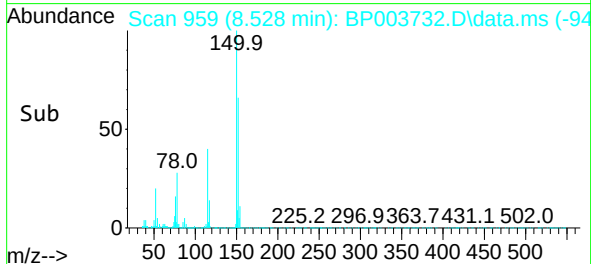
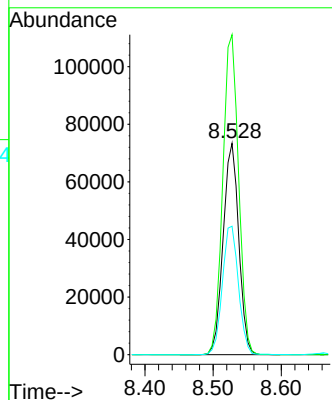
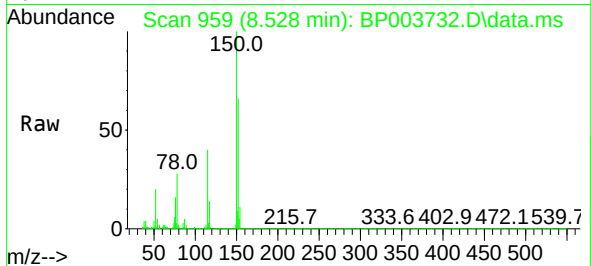




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.528 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

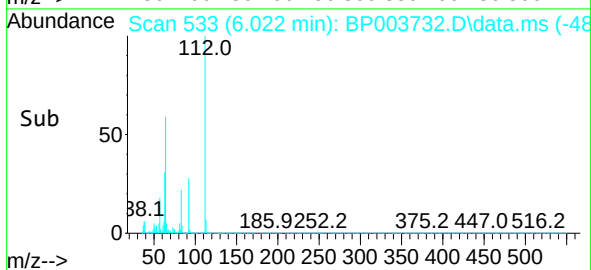
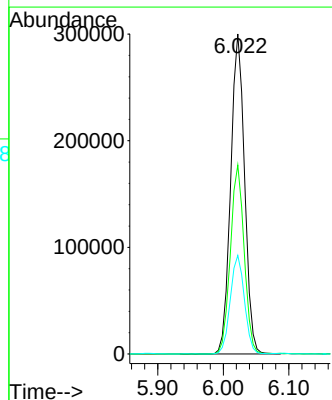
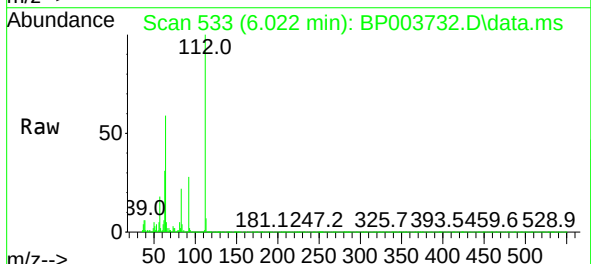
Instrument :
BNA_P
ClientSampleId :
1806

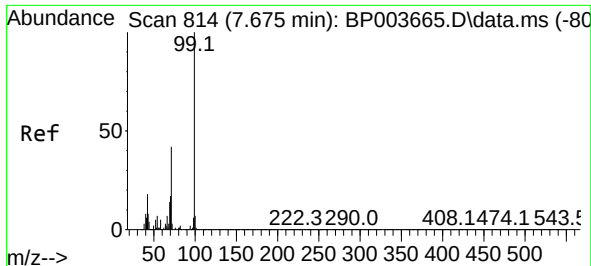
Tgt Ion:152 Resp: 116894
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 63.25 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:112 Resp: 442160
Ion Ratio Lower Upper
112 100
64 59.1 32.8 49.2#
63 30.8 17.0 25.4#

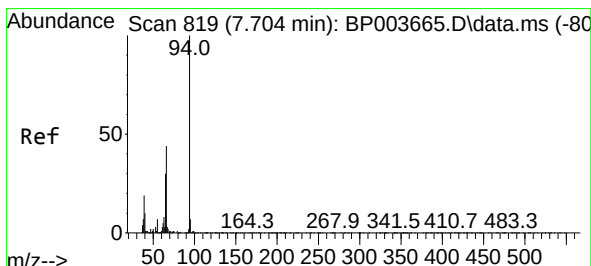
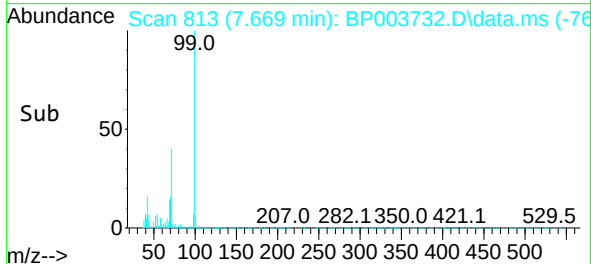
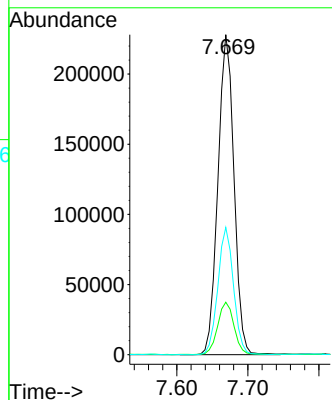
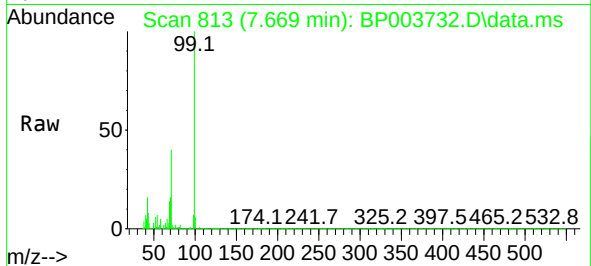




#7
Phenol-d6
Concen: 36.12 ng
RT: 7.669 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

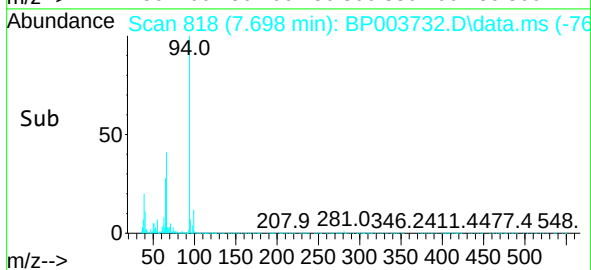
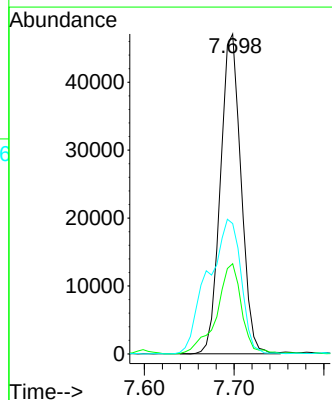
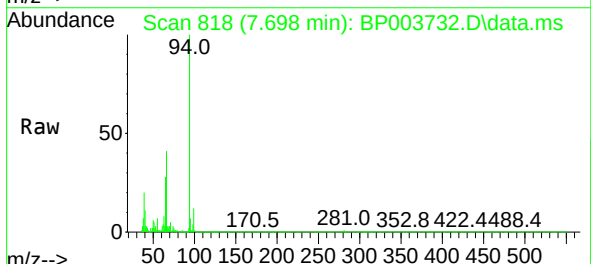
Instrument :
BNA_P
ClientSampleId :
1806

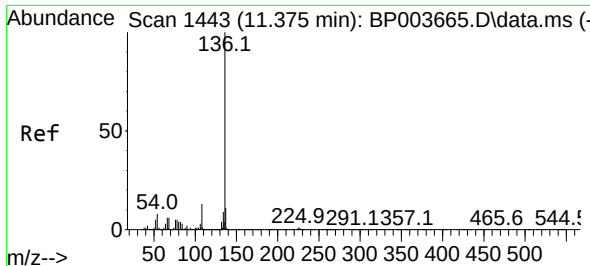
Tgt Ion: 99 Resp: 356773
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 39.7 23.4 35.2#



#10
Phenol
Concen: 7.98 ng
RT: 7.698 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion: 94 Resp: 75056
Ion Ratio Lower Upper
94 100
65 28.2 2.3 42.3
66 40.8 10.9 50.9

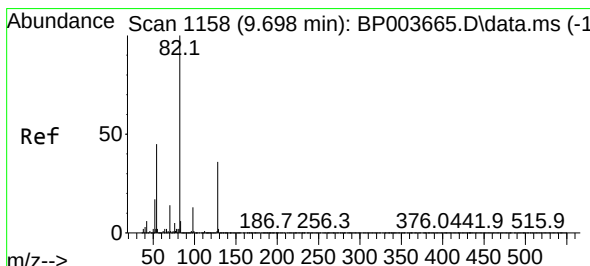
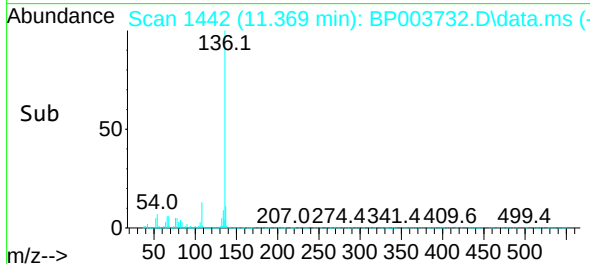
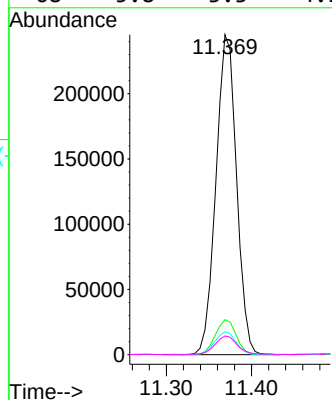
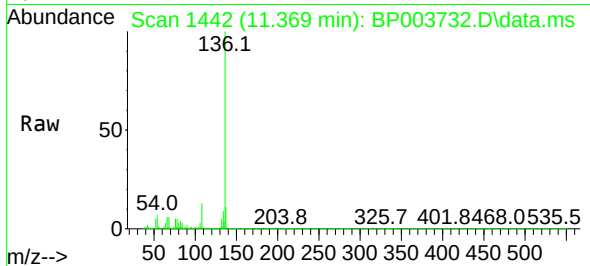




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

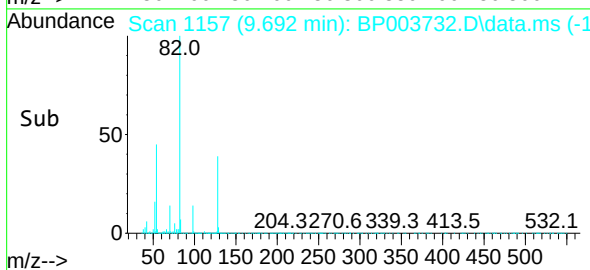
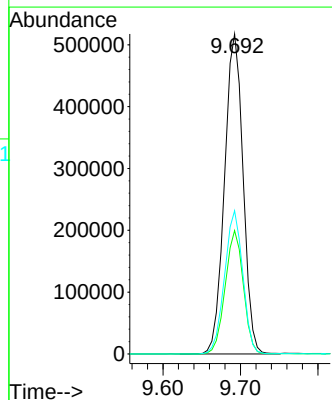
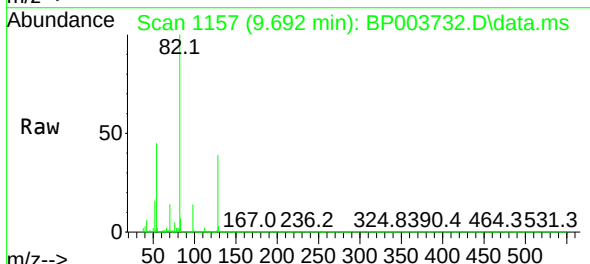
Instrument :
BNA_P
ClientSampleId :
1806

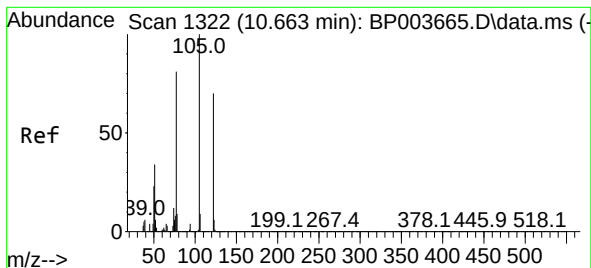
Tgt Ion:	136	Resp:	411666
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.2	3.6	5.4#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 88.50 ng
RT: 9.692 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:	82	Resp:	861215
Ion Ratio	Lower	Upper	
82	100		
128	38.5	45.6	68.4#
54	44.7	30.1	45.1

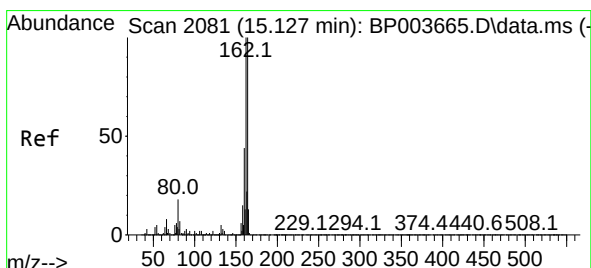
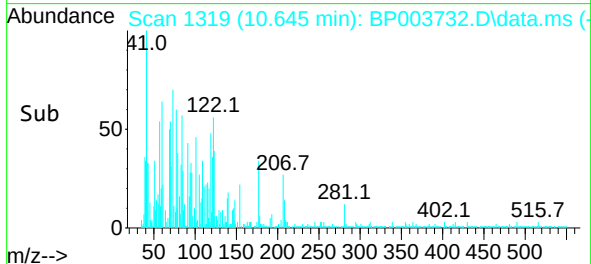
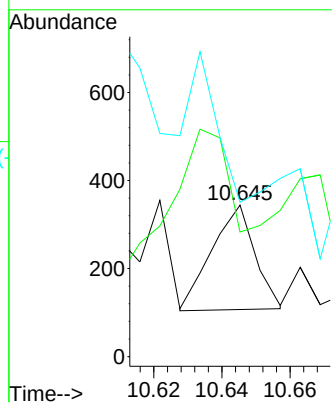
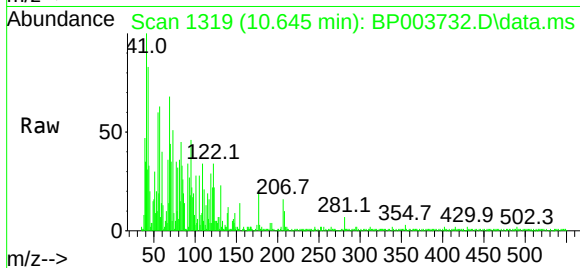




#32
Benzoic acid
Concen: 5.09 ng
RT: 10.645 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

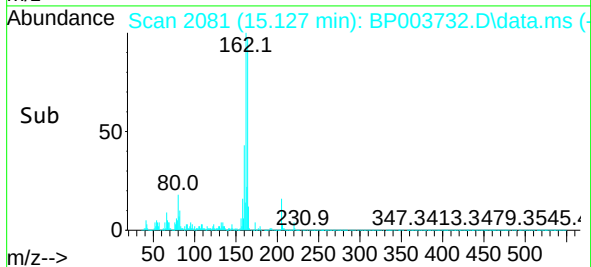
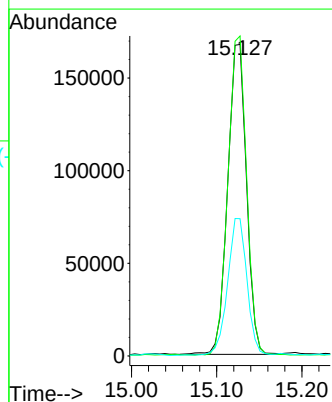
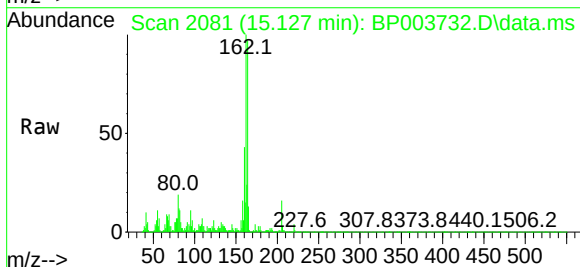
Instrument :
BNA_P
ClientSampleId :
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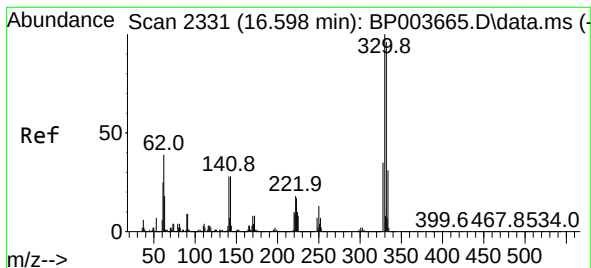
Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 82.3 94.1 134.1#
77 102.0 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.127 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:164 Resp: 256551
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 44.0 36.1 54.1

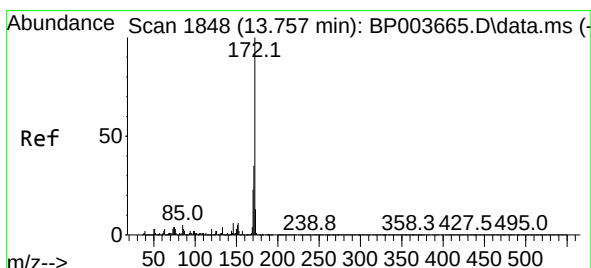
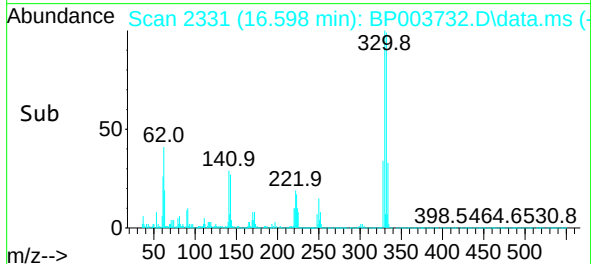
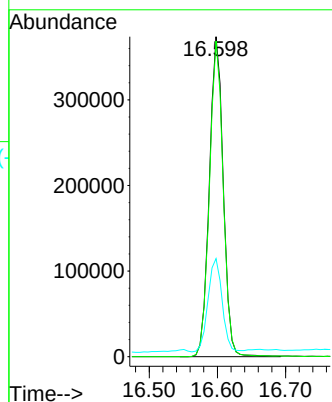
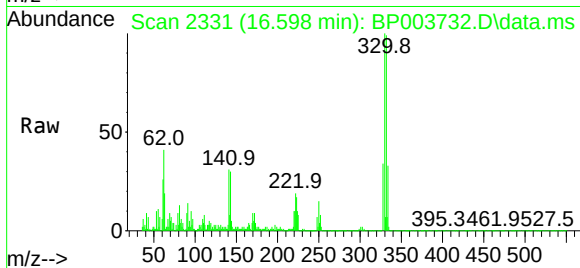




#42
2,4,6-Tribromophenol
Concen: 132.51 ng
RT: 16.598 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

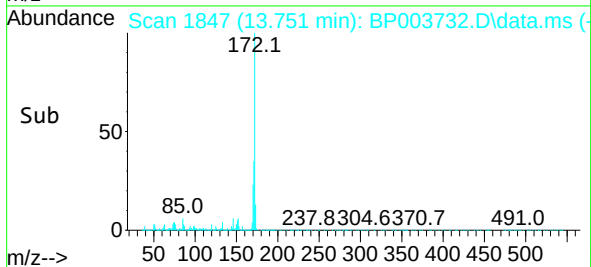
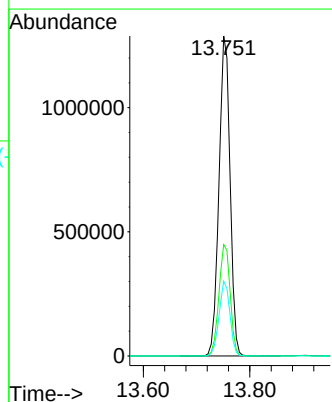
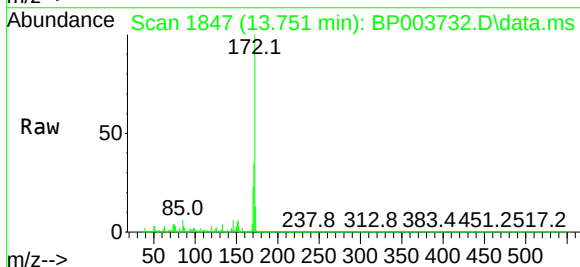
Instrument :
BNA_P
ClientSampled :
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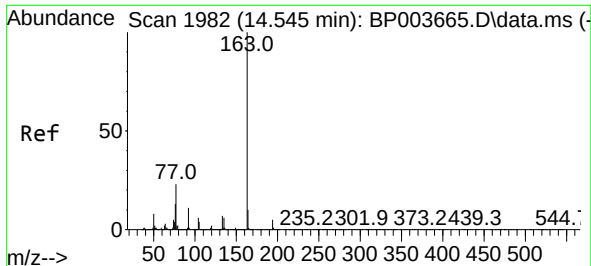
Tgt Ion:330 Resp: 530389
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 29.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.60 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:172 Resp: 1857484
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.4 19.2 28.8

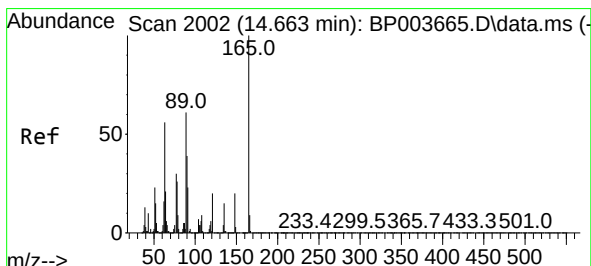
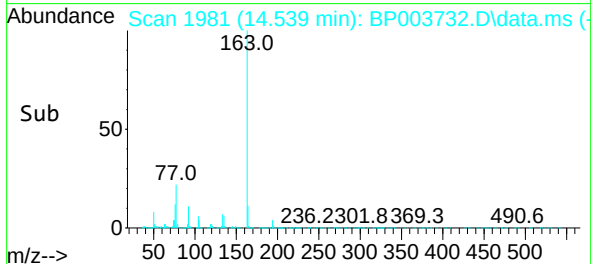
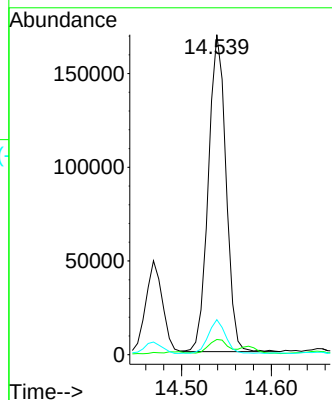
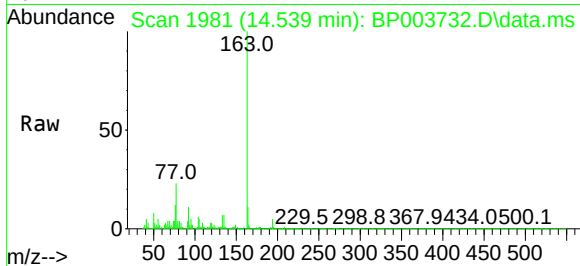




#50
Dimethylphthalate
Concen: 10.97 ng
RT: 14.539 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

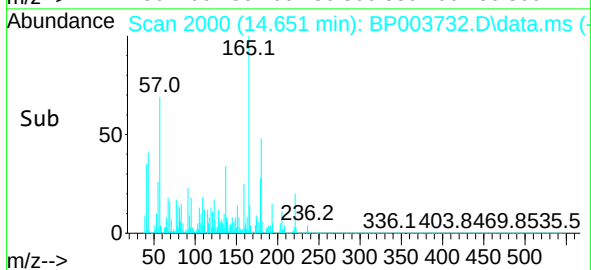
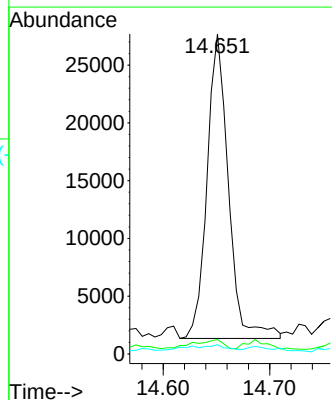
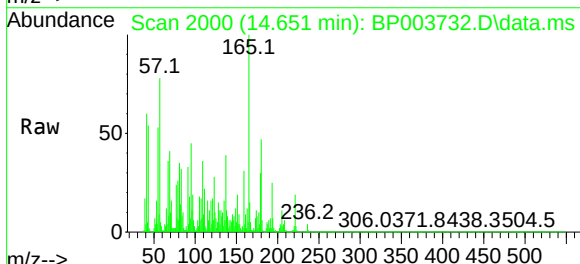
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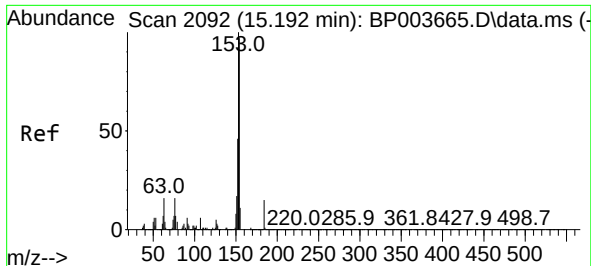
Tgt Ion:163 Resp: 231326
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 14.651 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:165 Resp: 36717
Ion Ratio Lower Upper
165 100
63 4.5 27.8 41.6#
89 2.9 34.6 52.0#

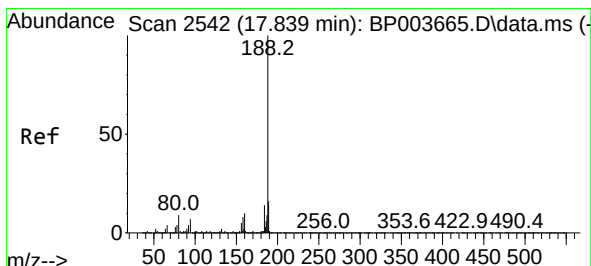
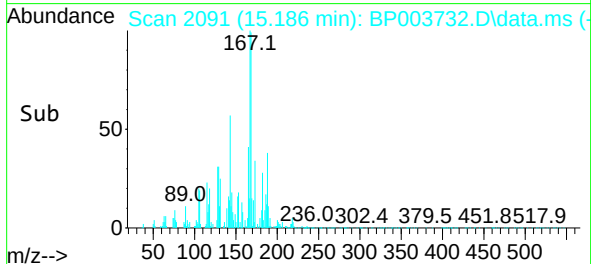
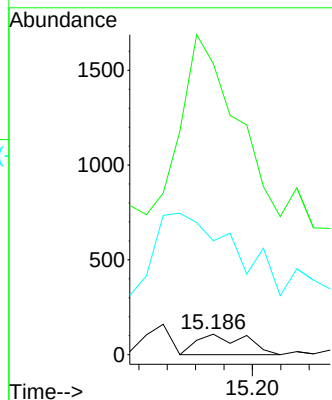
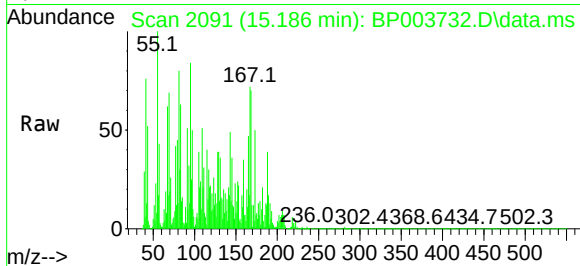




#54
2,4-Dinitrophenol
Concen: 4.88 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

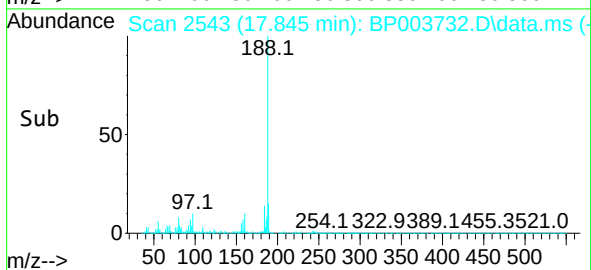
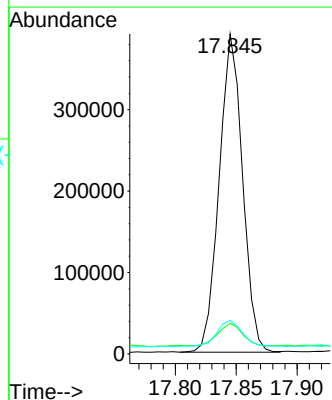
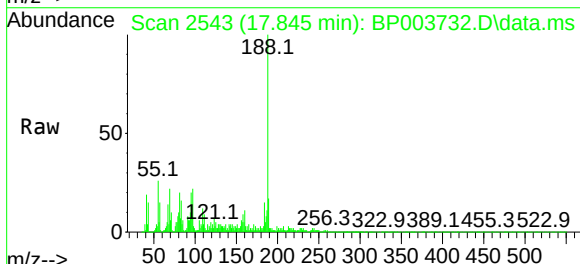
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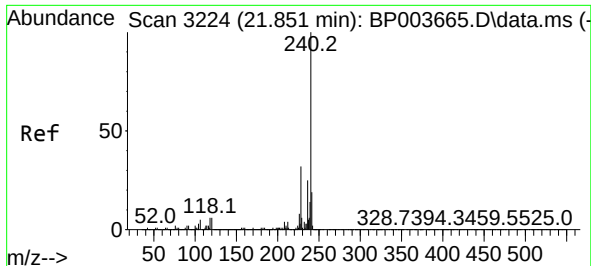
Tgt Ion:184 Resp: 131
Ion Ratio Lower Upper
184 100
63 1421.3 32.3 48.5#
154 556.5 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.845 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:188 Resp: 521687
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.2#
80 10.4 6.2 9.2#

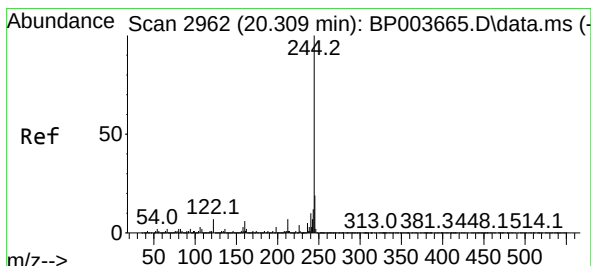
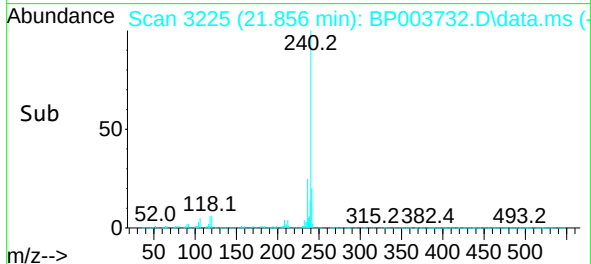
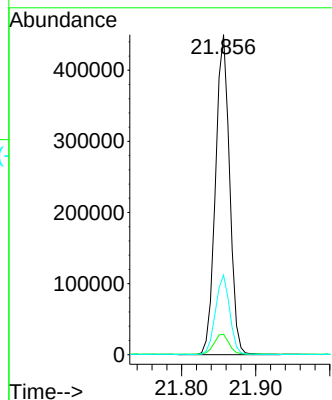
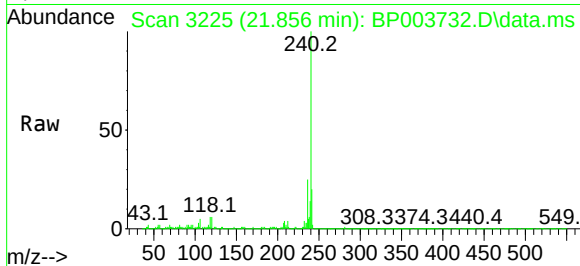




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.856 min Scan# 3225
Delta R.T. 0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

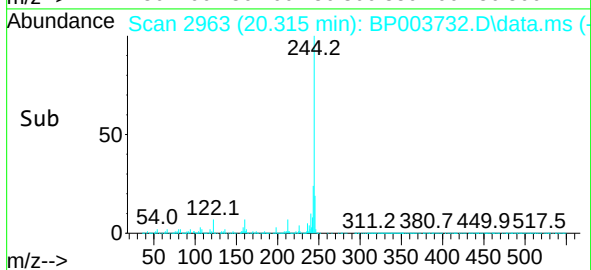
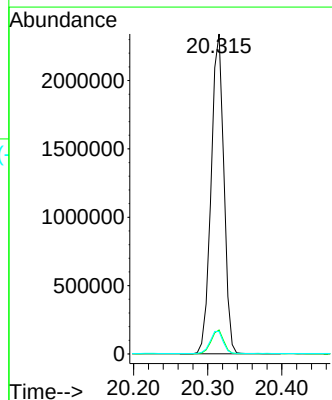
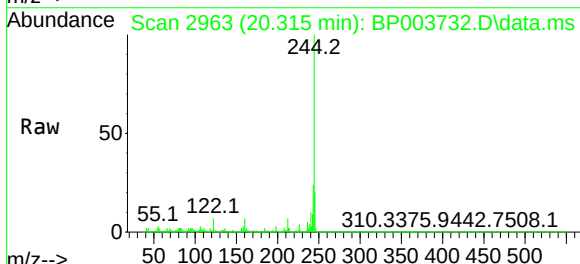
Instrument :
BNA_P
ClientSampleId :
1806

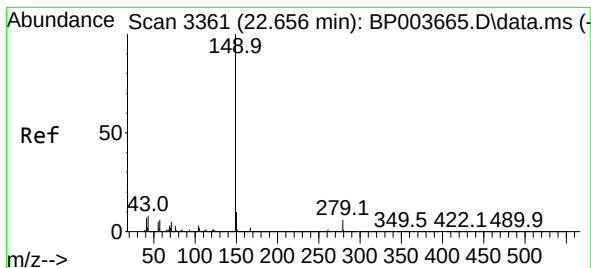
Tgt Ion:240 Resp: 594095
Ion Ratio Lower Upper
240 100
120 6.4 7.8 11.6#
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 82.69 ng
RT: 20.315 min Scan# 2963
Delta R.T. 0.006 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:244 Resp: 2793065
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 7.0 7.8 11.8#

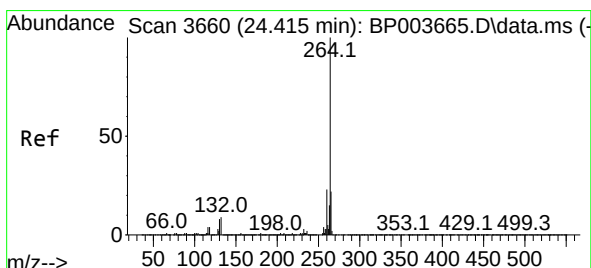
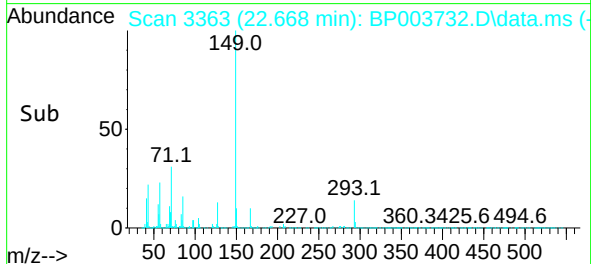
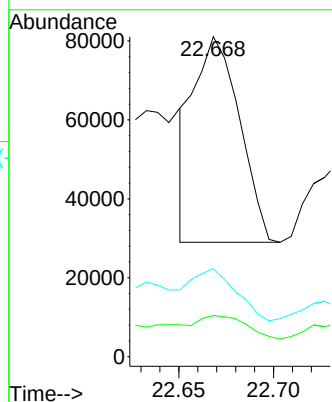
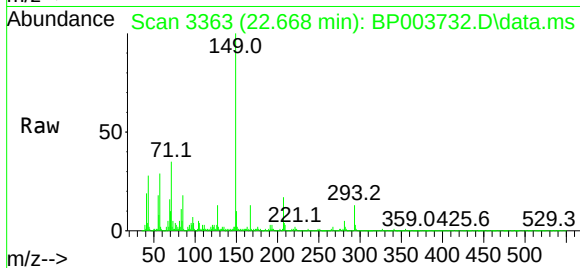




#85
Di-n-octyl phthalate
Concen: 2.60 ng
RT: 22.668 min Scan# 3363
Delta R.T. 0.012 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Instrument :
BNA_P
ClientSampled :
1806

Tgt Ion:149 Resp: 88022
Ion Ratio Lower Upper
149 100
167 20.8 1.3 1.9#
43 24.3 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.433 min Scan# 3663
Delta R.T. 0.018 min
Lab File: BP003732.D
Acq: 23 Oct 2020 21:42

Tgt Ion:264 Resp: 666938
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.7 17.4 26.2

