

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
 Data File : BP003743.D
 Acq On : 26 Oct 2020 16:33
 Operator : CG/JU
 Sample : L4501-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Oct 26 18:05:23 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 26 16:22:21 2020
 Response via : Initial Calibration

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

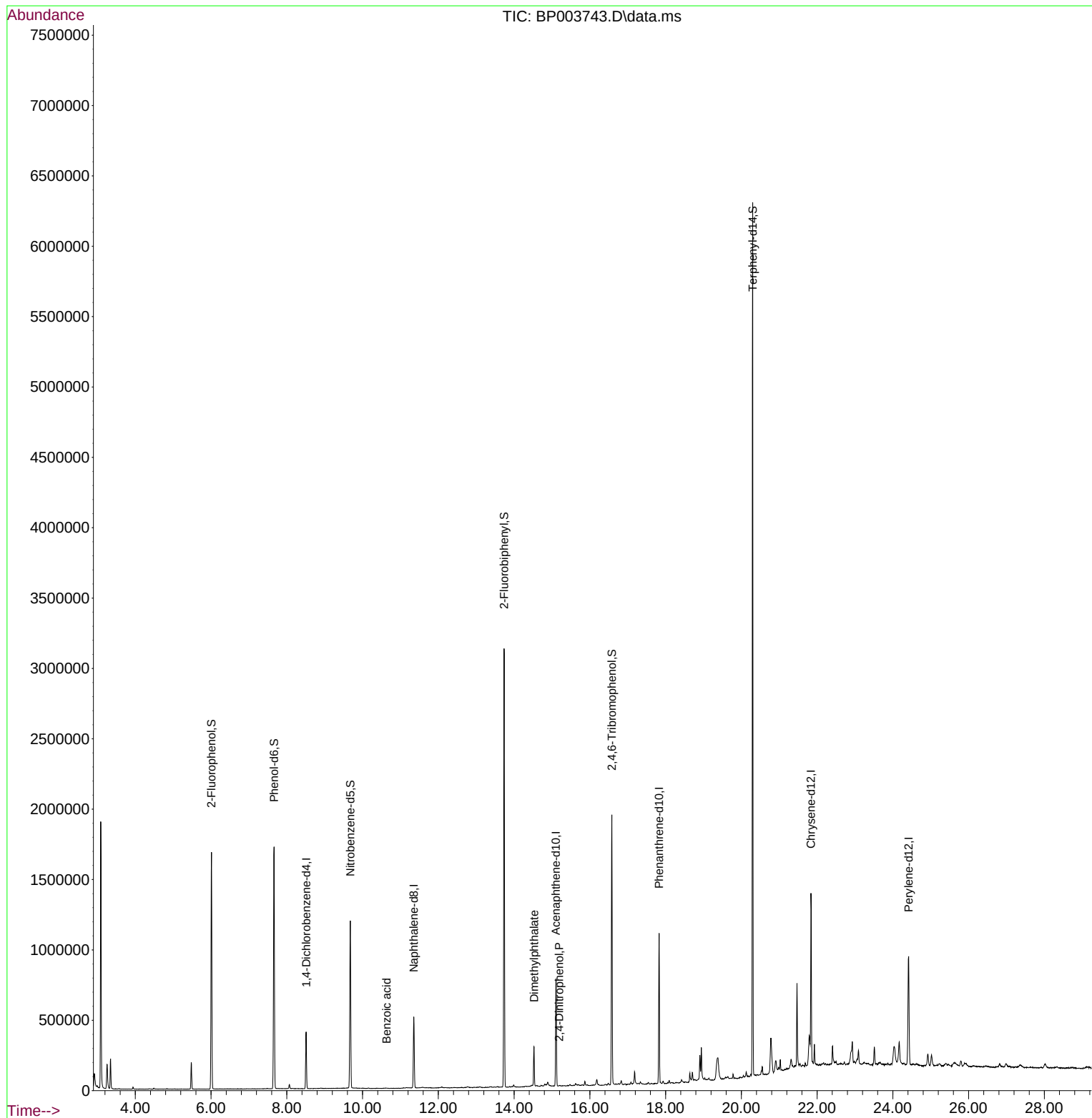
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	106551	20.00	ng	0.00
21) Naphthalene-d8	11.351	136	390783	20.00	ng	# 0.00
39) Acenaphthene-d10	15.104	164	260165	20.00	ng	0.00
64) Phenanthrene-d10	17.827	188	605747	20.00	ng	0.00
76) Chrysene-d12	21.839	240	640573	20.00	ng	# 0.00
86) Perylene-d12	24.415	264	682466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.010	112	702221	110.20	ng	0.00
7) Phenol-d6	7.663	99	982934	109.18	ng	0.00
23) Nitrobenzene-d5	9.675	82	698712	75.64	ng	0.00
42) 2,4,6-Tribromophenol	16.580	330	376576	92.78	ng	0.00
45) 2-Fluorobiphenyl	13.739	172	1581027	78.56	ng	0.00
79) Terphenyl-d14	20.298	244	2584200	70.95	ng	0.00
Target Compounds						
9) Benzaldehyde	7.593	77	217	Below Cal	#	46
32) Benzoic acid	10.634	122	106	5.07	ng	# 67
50) Dimethylphthalate	14.528	163	179307	8.39	ng	98
54) 2,4-Dinitrophenol	15.192	184	34	4.84	ng	# 1

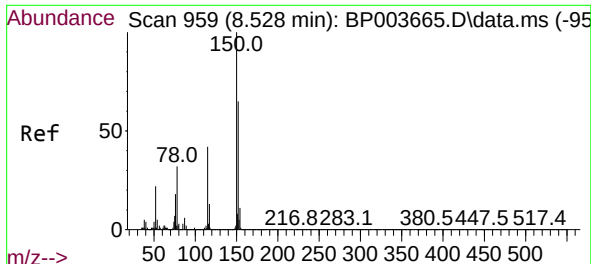
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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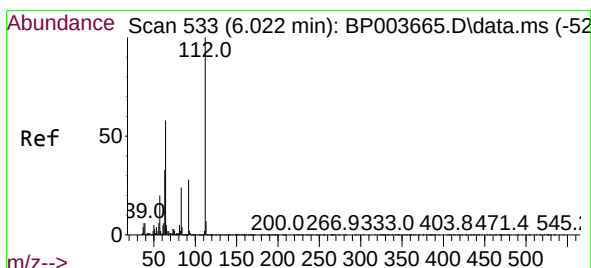
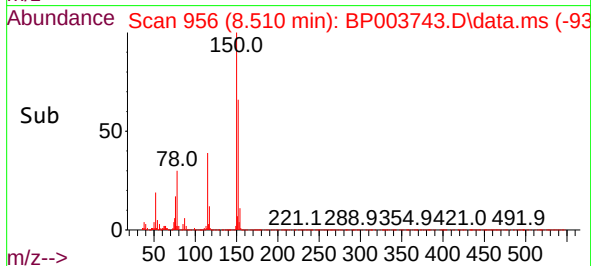
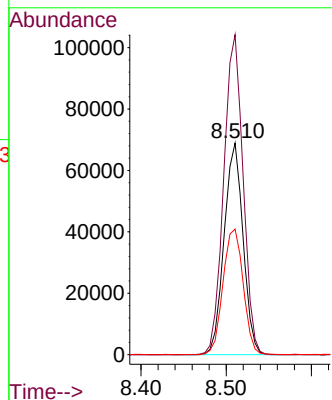
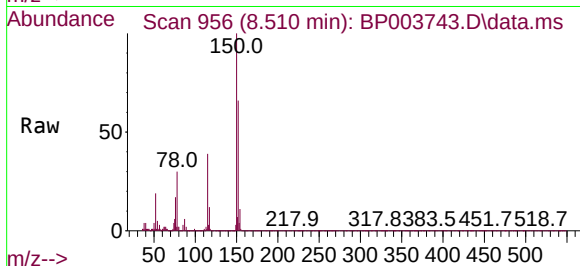




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

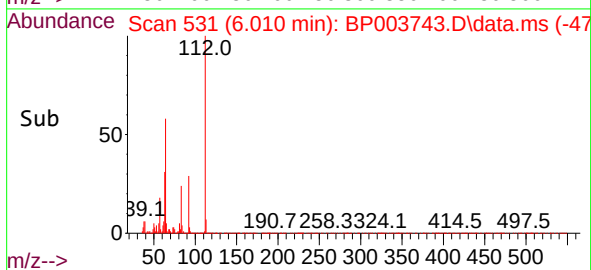
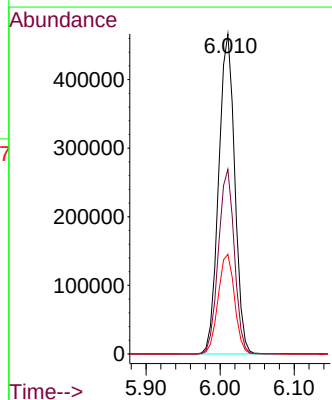
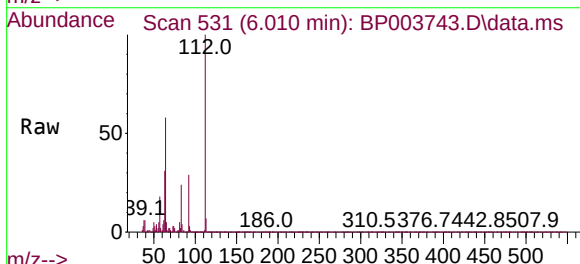
Instrument :
BNA_P
ClientSampleId :
COMP-1

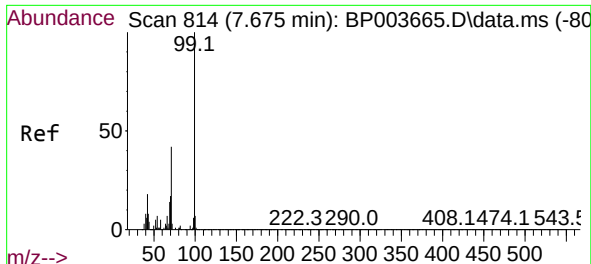
Tgt Ion:152 Resp: 106551
Ion Ratio Lower Upper
152 100
150 151.1 123.8 185.6
115 59.3 43.8 65.6



#5
2-Fluorophenol
Concen: 110.20 ng
RT: 6.010 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion:112 Resp: 702221
Ion Ratio Lower Upper
112 100
64 57.7 32.8 49.2#
63 31.1 17.0 25.4#

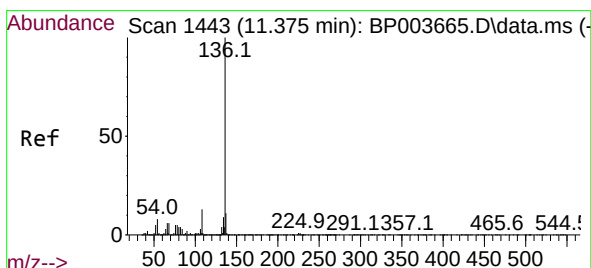
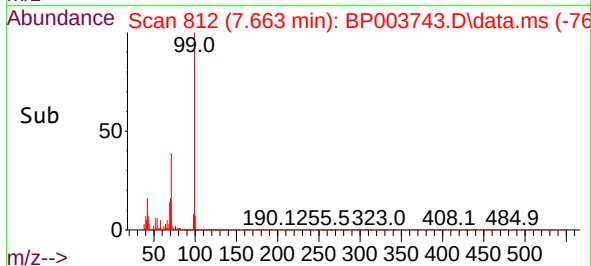
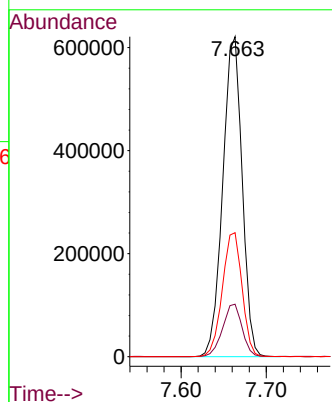
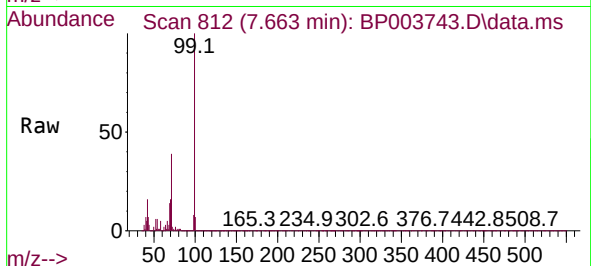




#7
Phenol-d6
Concen: 109.18 ng
RT: 7.663 min Scan# 812
Delta R.T. 0.006 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

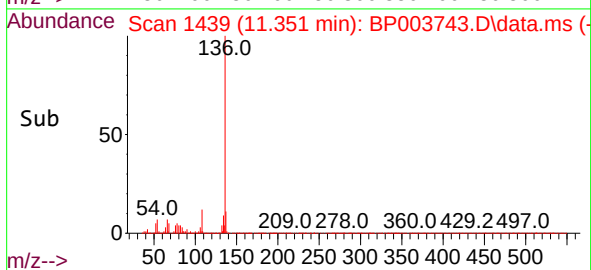
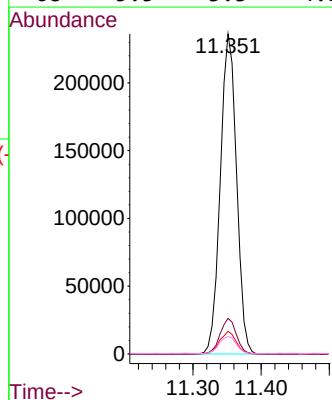
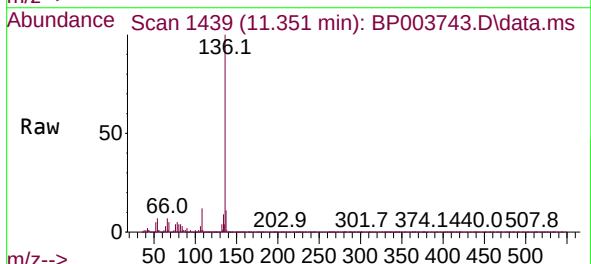
Instrument :
BNA_P
ClientSampleId :
COMP-1

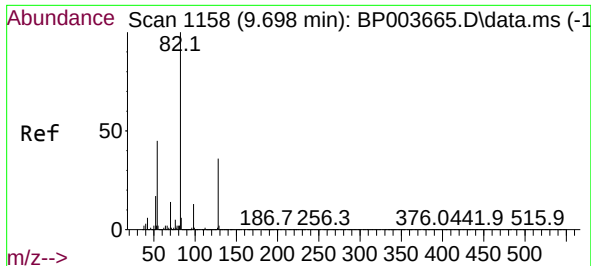
Tgt Ion: 99 Resp: 982934
Ion Ratio Lower Upper
99 100
42 16.4 8.6 13.0#
71 38.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.351 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion: 136 Resp: 390783
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 3.6 5.4#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.64 ng

RT: 9.675 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BP003743.D

Acq: 26 Oct 2020 16:33

Instrument :

BNA_P

ClientSampleId :

COMP-1

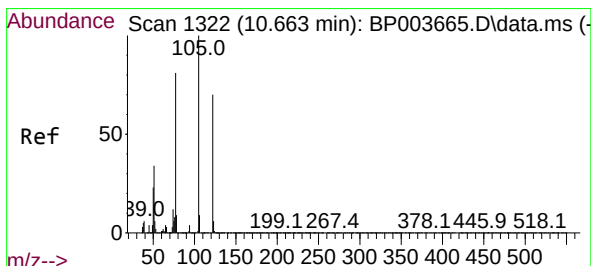
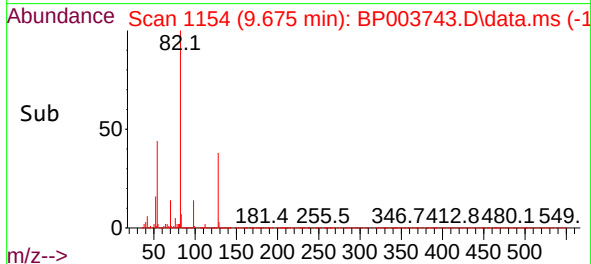
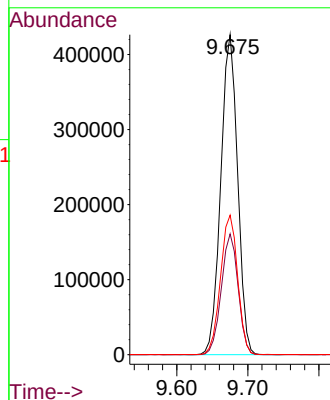
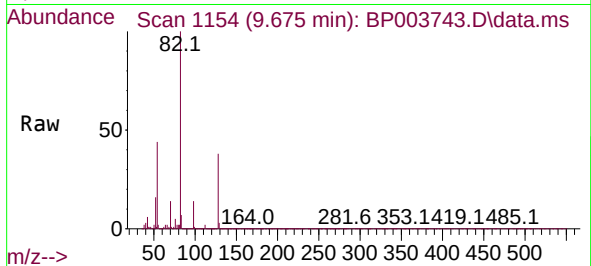
Tgt Ion: 82 Resp: 698712

Ion Ratio Lower Upper

82 100

128 37.8 45.6 68.4#

54 43.6 30.1 45.1



#32

Benzoic acid

Concen: 5.07 ng

RT: 10.634 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BP003743.D

Acq: 26 Oct 2020 16:33

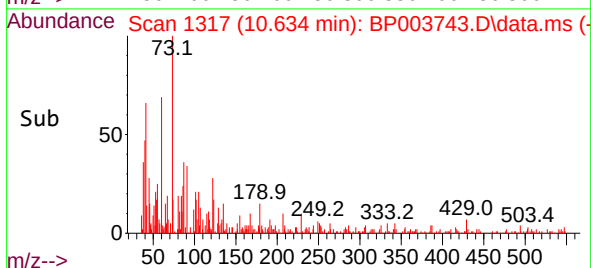
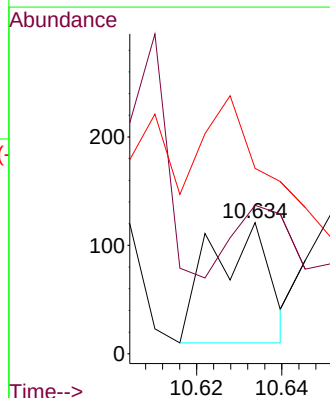
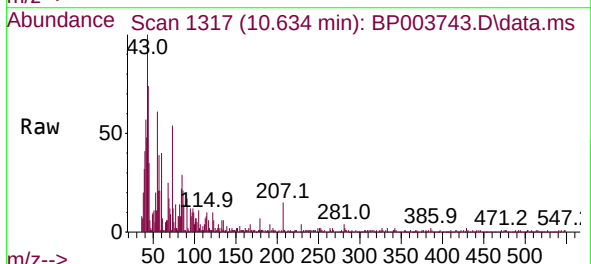
Tgt Ion:122 Resp: 106

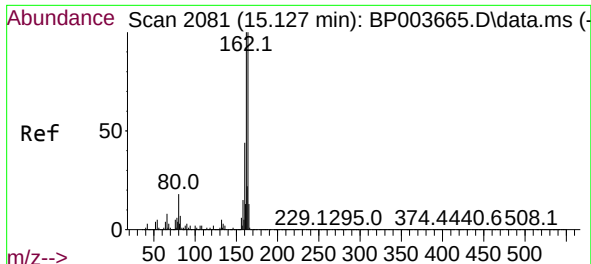
Ion Ratio Lower Upper

122 100

105 104.6 94.1 134.1

77 130.5 50.1 90.1#

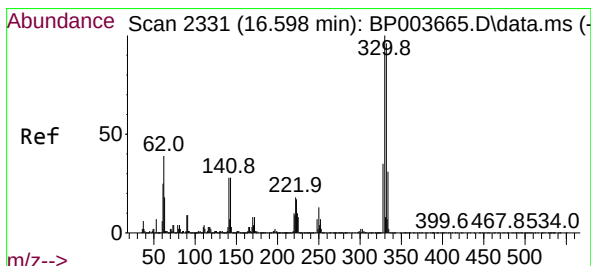
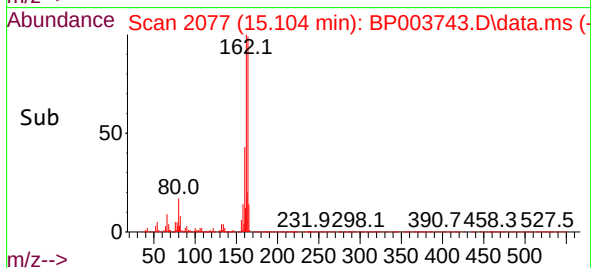
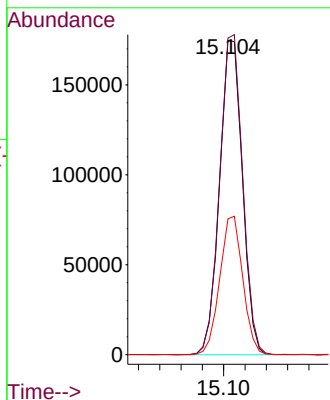
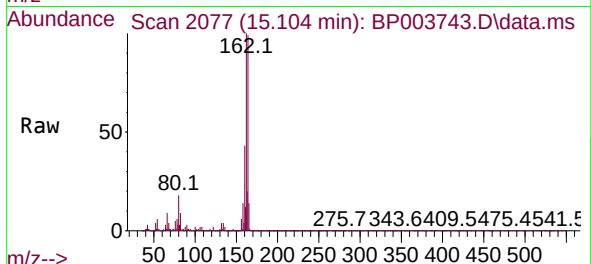




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.104 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

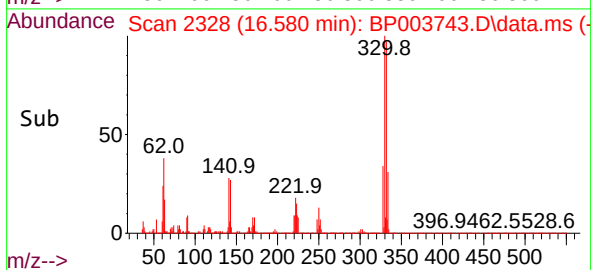
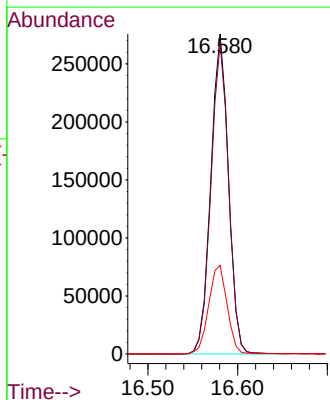
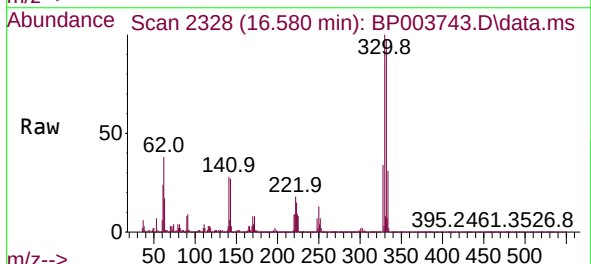
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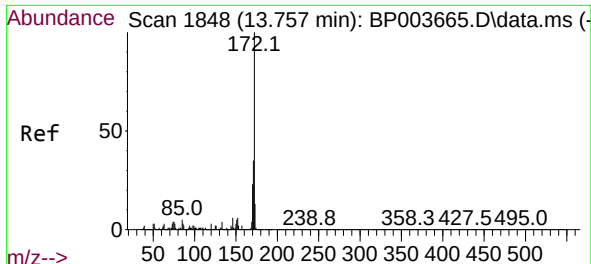
Tgt Ion:164 Resp: 260165
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.78 ng
RT: 16.580 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion:330 Resp: 376576
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.1 23.4 35.2



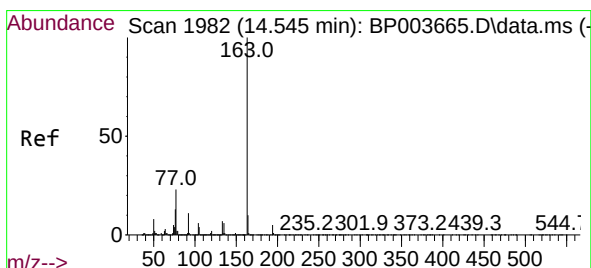
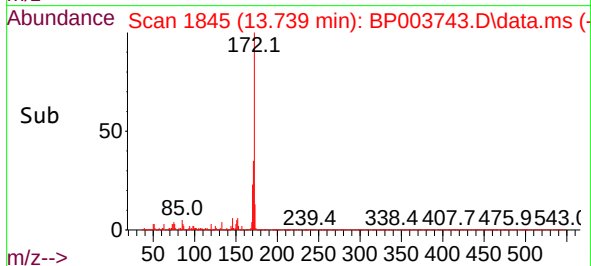
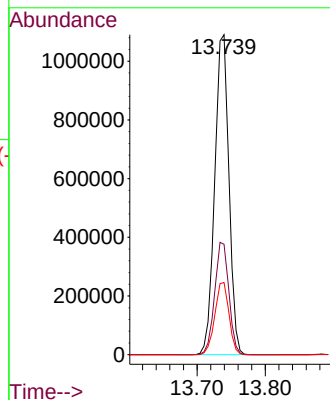
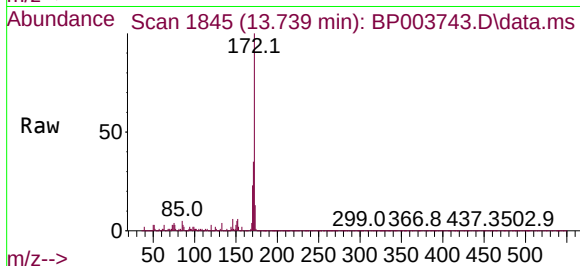


#45
2-Fluorobiphenyl
Concen: 78.56 ng
RT: 13.739 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:172 Resp: 1581027

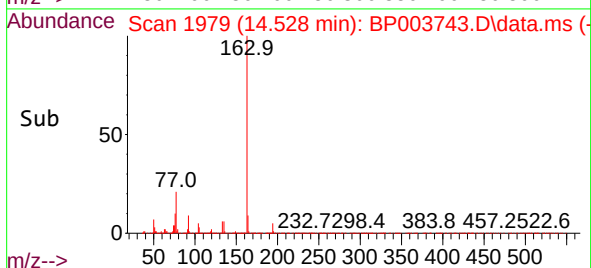
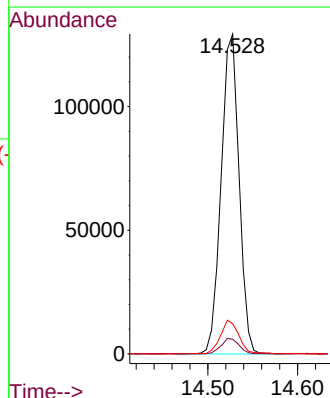
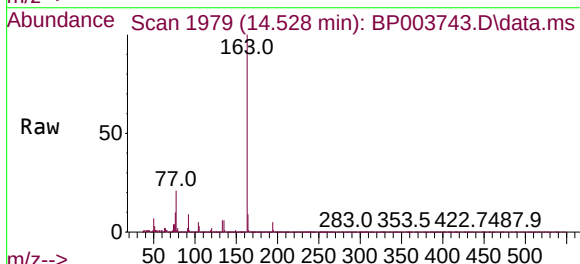
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.5	19.2	28.8

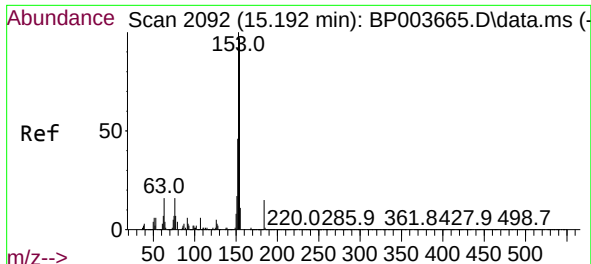


#50
Dimethylphthalate
Concen: 8.39 ng
RT: 14.528 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion:163 Resp: 179307

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	9.4	8.2	12.2

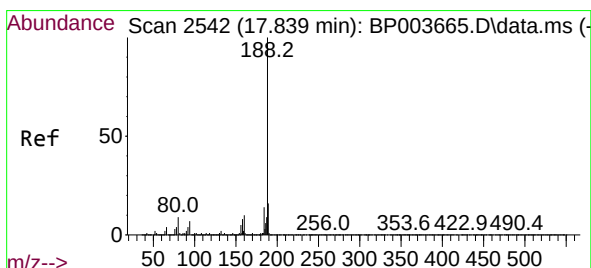
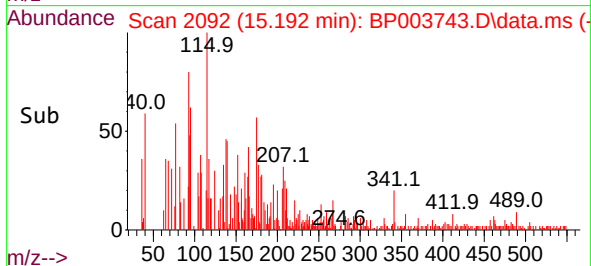
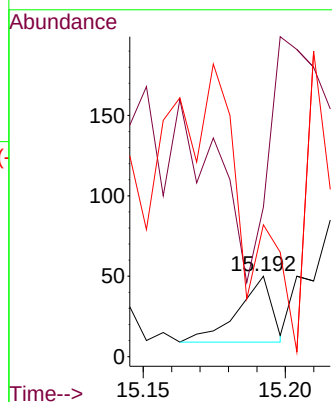
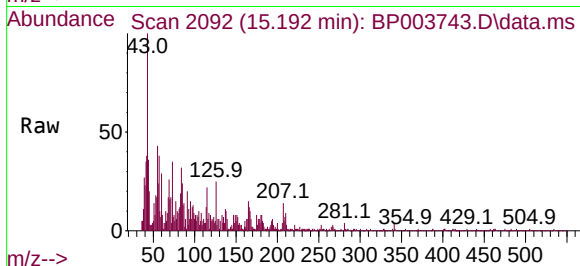




#54
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

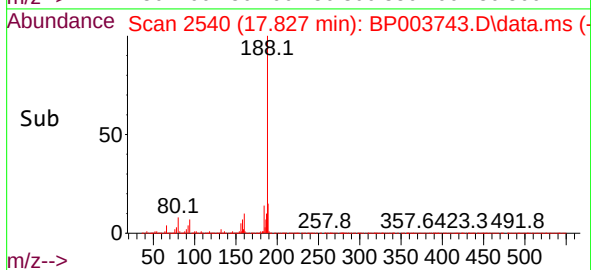
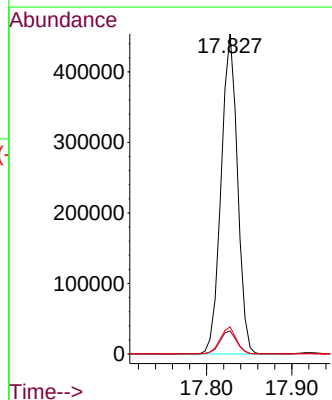
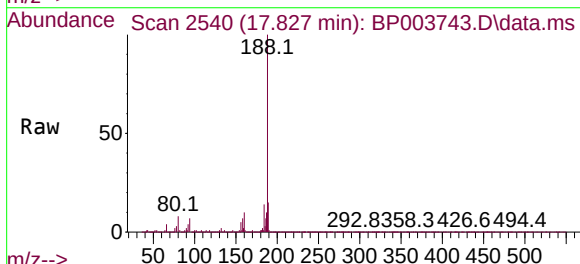
Instrument :
BNA_P
ClientSampled :
COMP-1

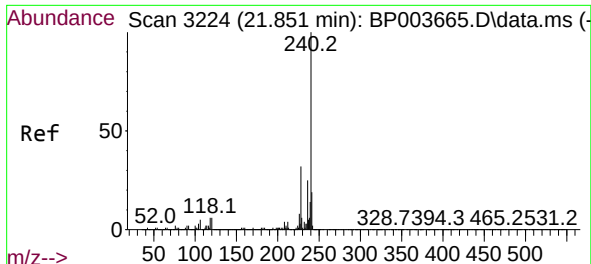
Tgt Ion:	184	Resp:	34
Ion	Ratio	Lower	Upper
184	100		
63	186.0	32.3	48.5#
154	164.0	49.1	73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.827 min Scan# 2540
Delta R.T. -0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion:	188	Resp:	605747
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.2
80	8.5	6.2	9.2

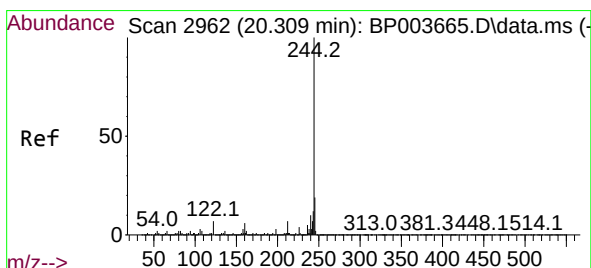
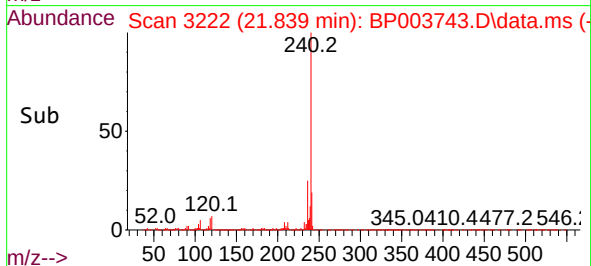
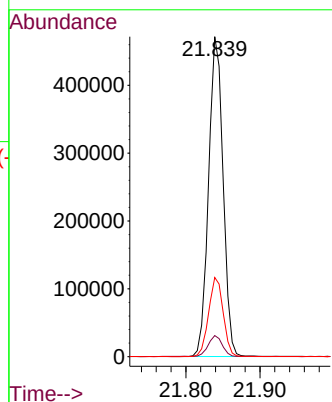
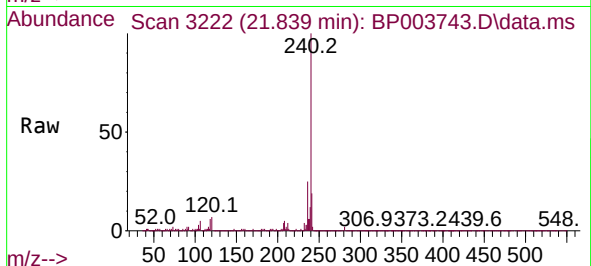




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.839 min Scan# 3222
Delta R.T. -0.006 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

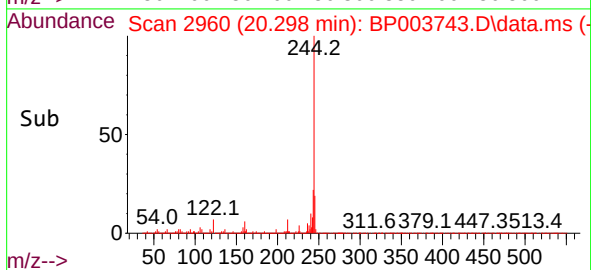
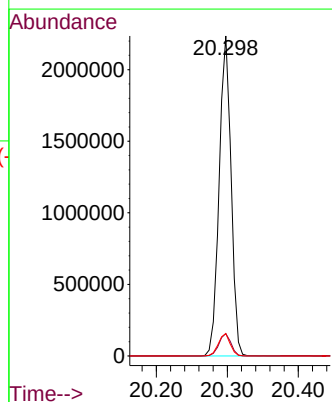
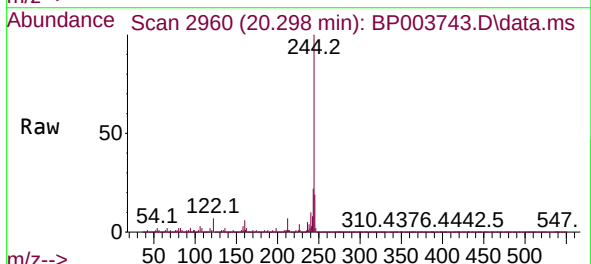
Instrument :
BNA_P
ClientSampleId :
COMP-1

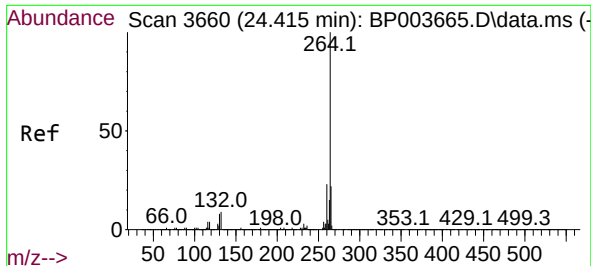
Tgt Ion:240 Resp: 640573
Ion Ratio Lower Upper
240 100
120 6.6 7.8 11.6#
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 70.95 ng
RT: 20.298 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BP003743.D
Acq: 26 Oct 2020 16:33

Tgt Ion:244 Resp: 2584200
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.0 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.415 min Scan# 3660
 Delta R.T. -0.000 min
 Lab File: BP003743.D
 Acq: 26 Oct 2020 16:33

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 682466
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.1 17.4 26.2

