

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102320\
 Data File : BP003726.D
 Acq On : 23 Oct 2020 18:18
 Operator : CG/JU
 Sample : L4491-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Oct 24 00:31:15 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)

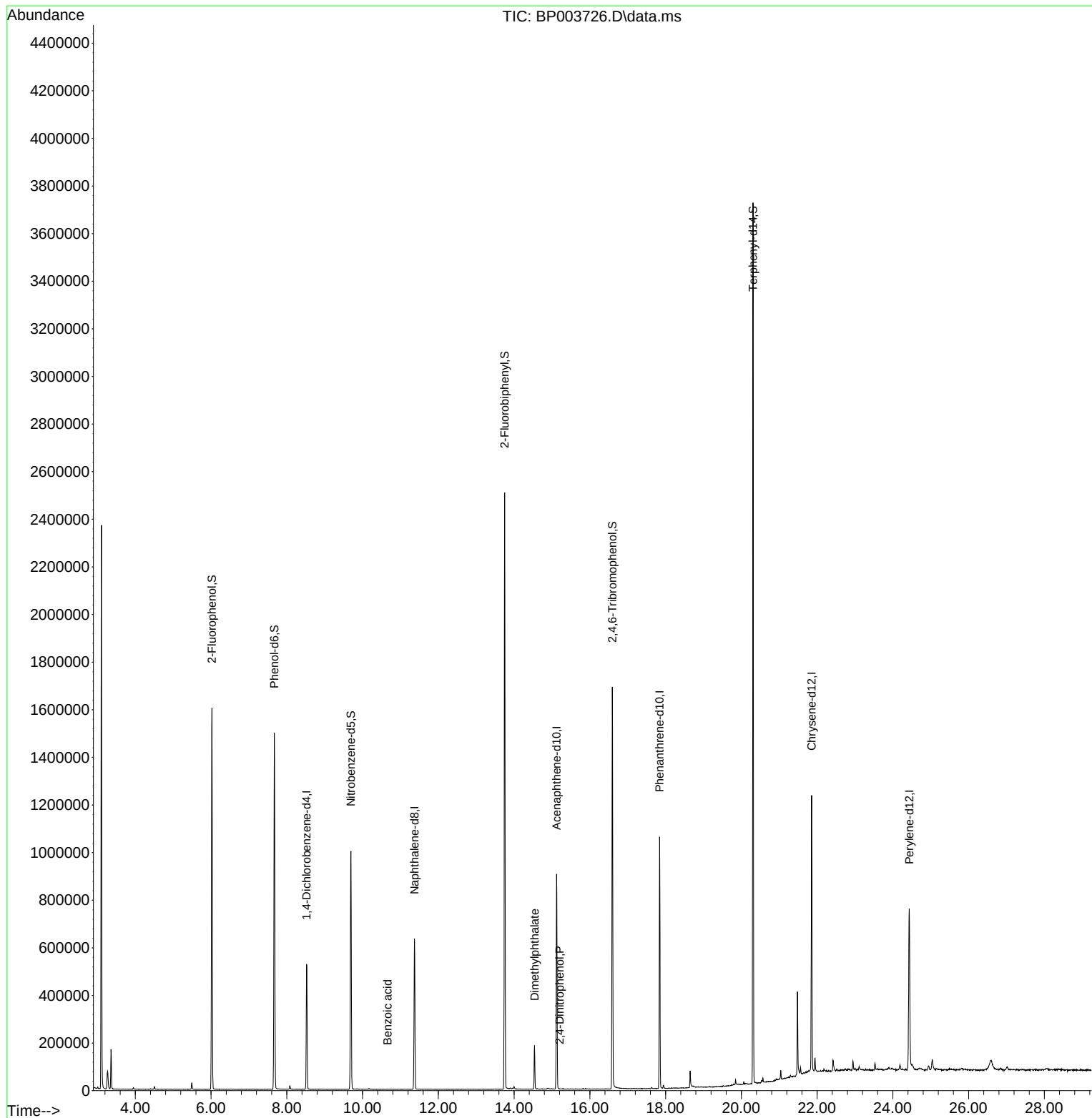
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.522	152	140116	20.00	ng	0.00
21) Naphthalene-d8	11.369	136	499711	20.00	ng	# 0.00
39) Acenaphthene-d10	15.122	164	300543	20.00	ng	0.00
64) Phenanthrene-d10	17.839	188	628491	20.00	ng	0.00
76) Chrysene-d12	21.857	240	598251	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	579439	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.022	112	672712	80.28	ng	0.00
7) Phenol-d6	7.669	99	861168	72.74	ng	0.00
23) Nitrobenzene-d5	9.693	82	602810	51.03	ng	0.00
42) 2,4,6-Tribromophenol	16.592	330	334975	71.44	ng	0.00
45) 2-Fluorobiphenyl	13.751	172	1242459	53.44	ng	0.00
79) Terphenyl-d14	20.310	244	1574476	46.29	ng	0.00
Target Compounds						
9) Benzaldehyde	7.605	77	52	Below Cal	#	Qvalue 9
32) Benzoic acid	10.663	122	72	5.05	ng	# 59
50) Dimethylphthalate	14.539	163	111674	4.52	ng	# 97
54) 2,4-Dinitrophenol	15.204	184	20	4.83	ng	# 86

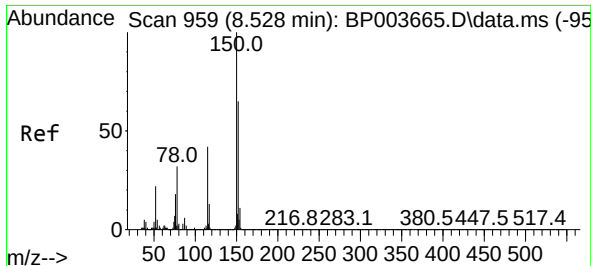
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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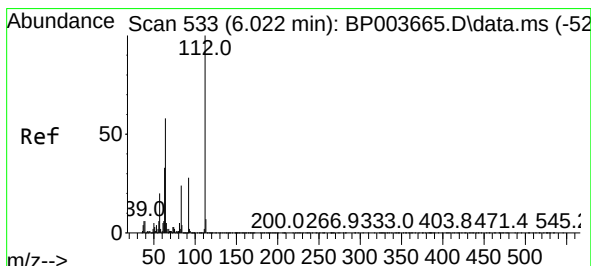
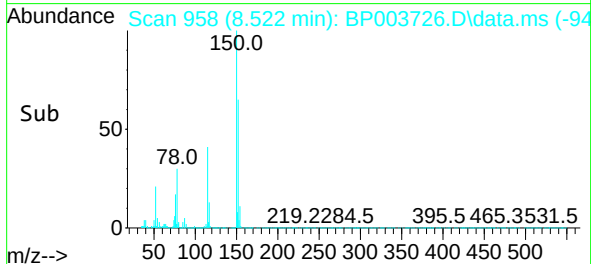
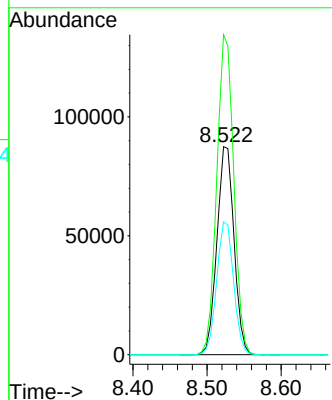
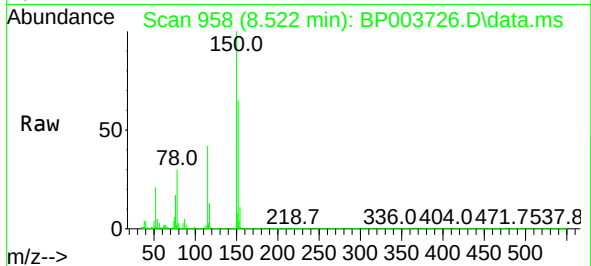




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

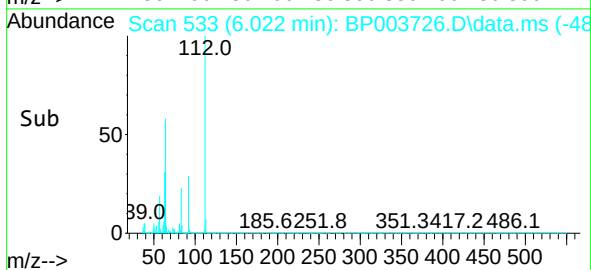
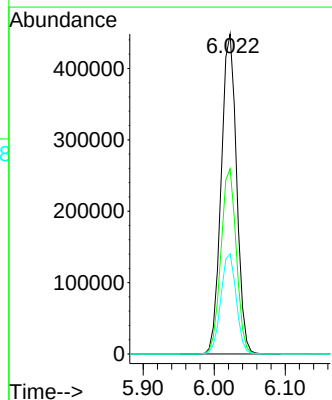
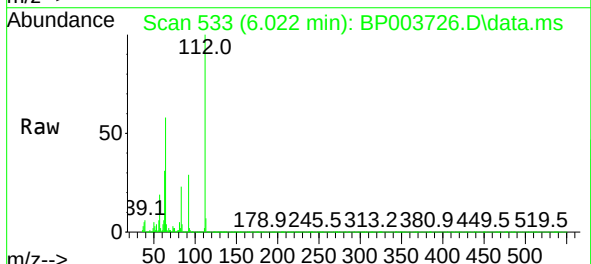
Instrument :
BNA_P
ClientSampleId :
COMP-2

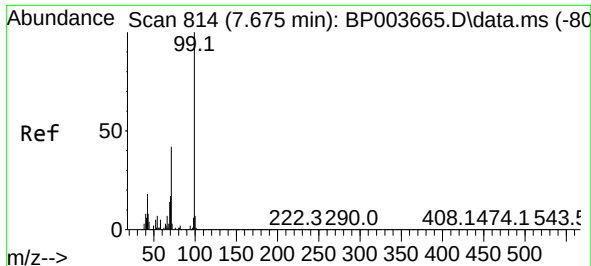
Tgt Ion:152 Resp: 140116
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 63.9 43.8 65.6



#5
2-Fluorophenol
Concen: 80.28 ng
RT: 6.022 min Scan# 533
Delta R.T. 0.000 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

Tgt Ion:112 Resp: 672712
Ion Ratio Lower Upper
112 100
64 57.9 32.8 49.2#
63 31.3 17.0 25.4#

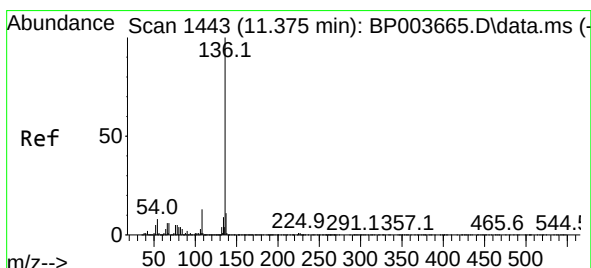
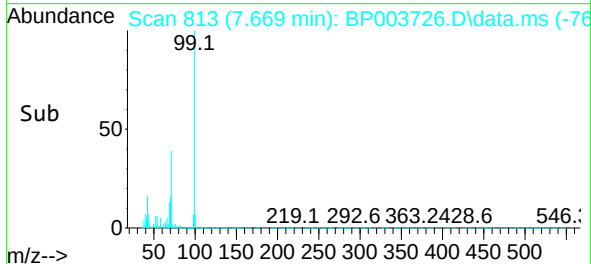
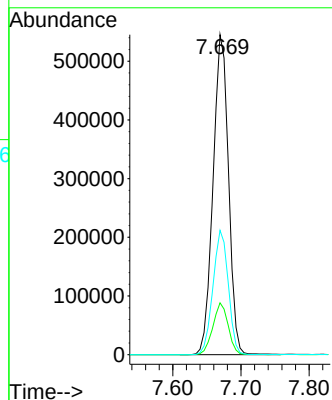
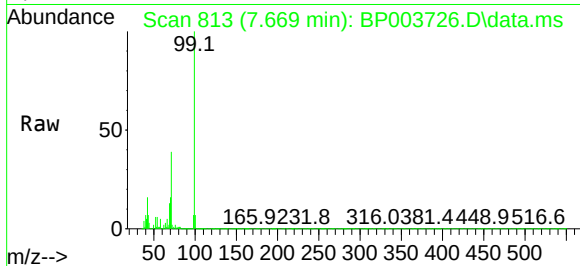




#7
Phenol-d6
Concen: 72.74 ng
RT: 7.669 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

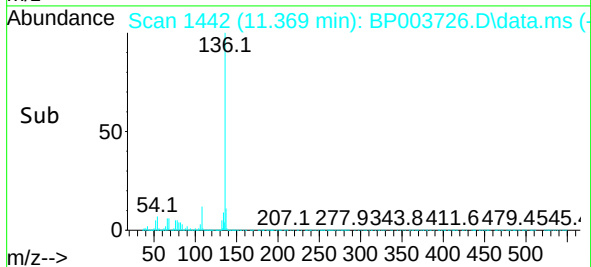
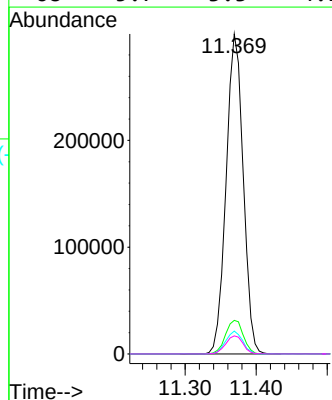
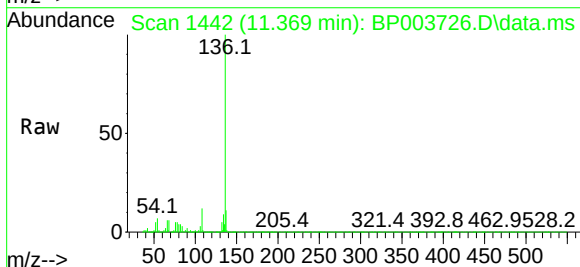
Instrument :
BNA_P
ClientSampleId :
COMP-2

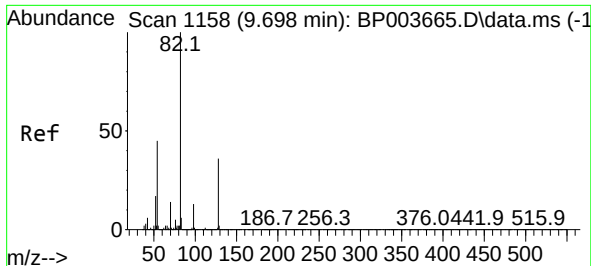
Tgt Ion: 99 Resp: 861168
Ion Ratio Lower Upper
99 100
42 16.2 8.6 13.0#
71 38.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.369 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

Tgt Ion: 136 Resp: 499711
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.2 3.6 5.4#
68 5.7 3.3 4.9#

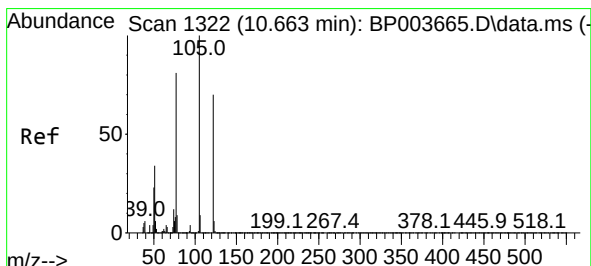
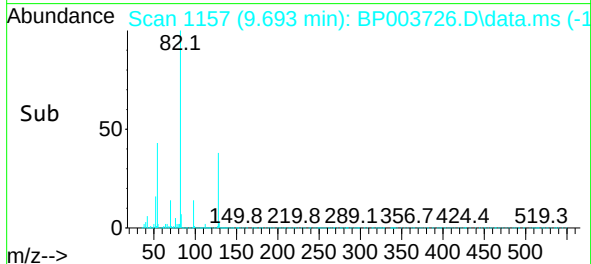
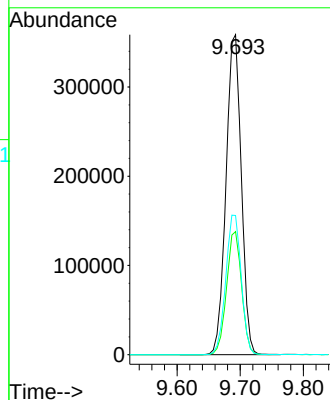
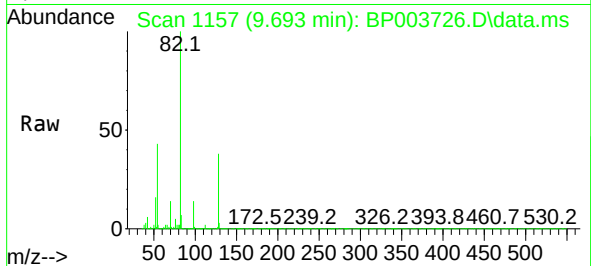




#23
Nitrobenzene-d5
Concen: 51.03 ng
RT: 9.693 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

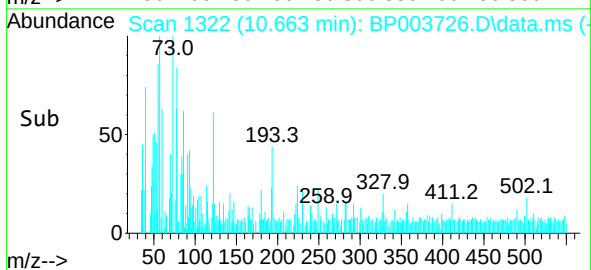
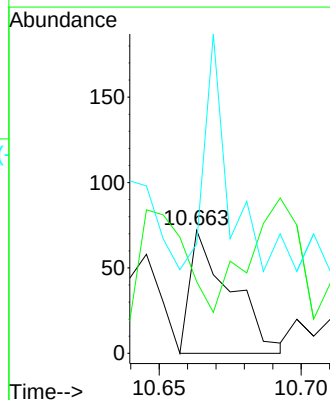
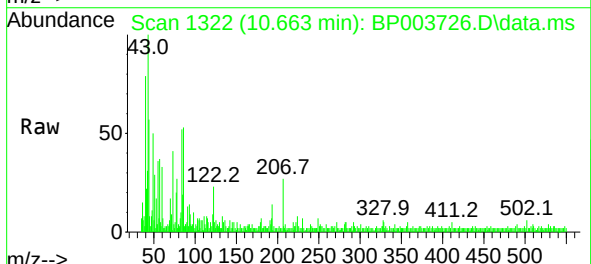
Instrument :
BNA_P
ClientSampleId :
COMP-2

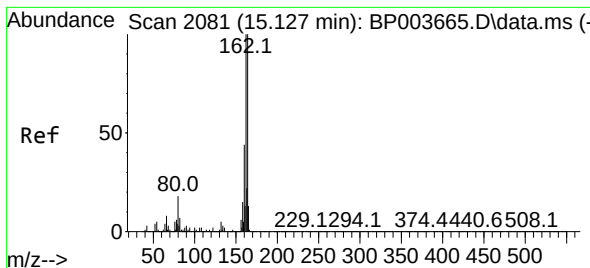
Tgt Ion: 82 Resp: 602810
Ion Ratio Lower Upper
82 100
128 38.4 45.6 68.4#
54 43.5 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.663 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

Tgt Ion: 122 Resp: 72
Ion Ratio Lower Upper
122 100
105 58.3 94.1 134.1#
77 88.9 50.1 90.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.122 min Scan# 2080

Delta R.T. -0.005 min

Lab File: BP003726.D

Acq: 23 Oct 2020 18:18

Instrument :

BNA_P

ClientSampleId :

COMP-2

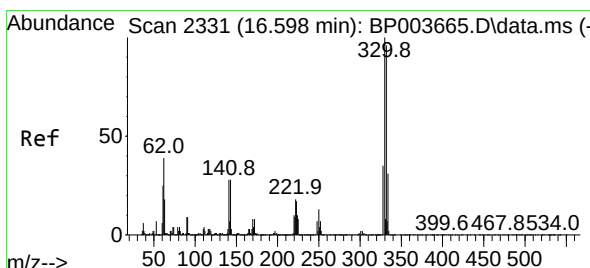
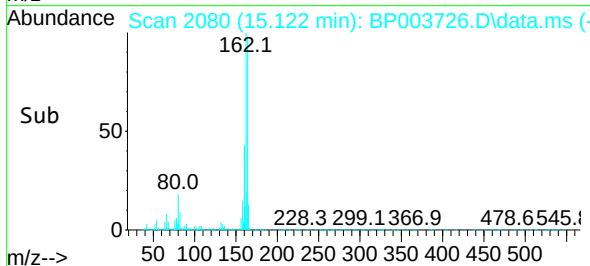
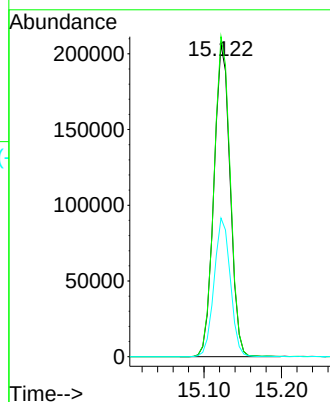
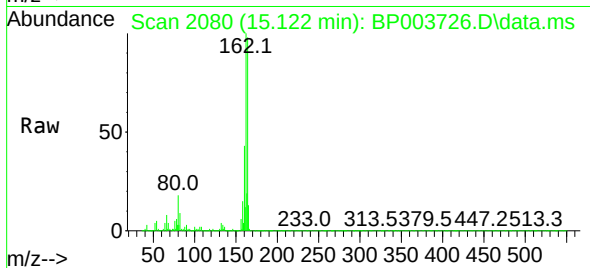
Tgt Ion:164 Resp: 300543

Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.2

160 44.4 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 71.44 ng

RT: 16.592 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP003726.D

Acq: 23 Oct 2020 18:18

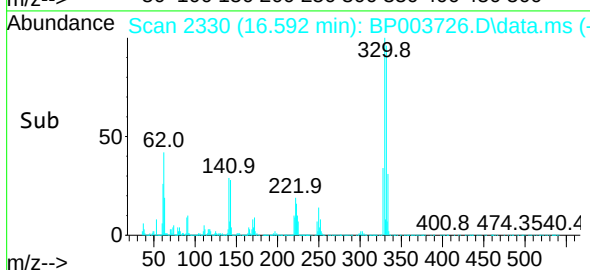
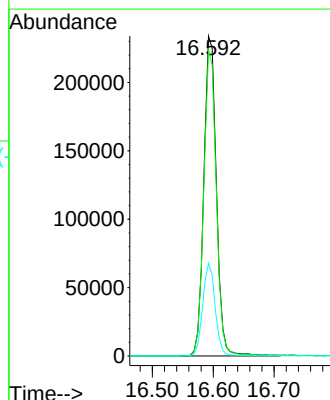
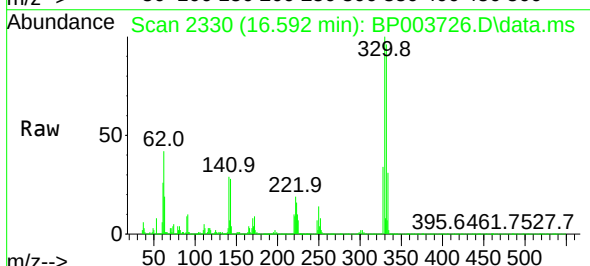
Tgt Ion:330 Resp: 334975

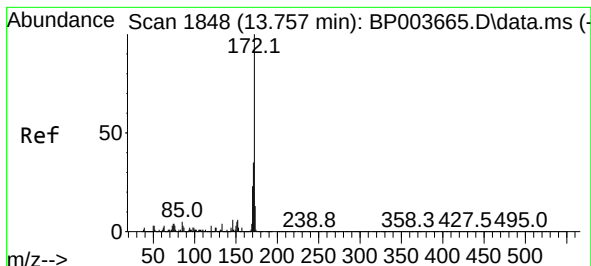
Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

141 28.8 23.4 35.2

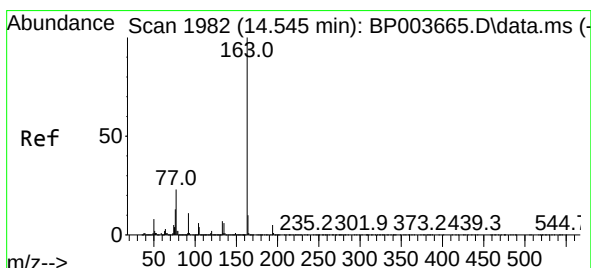
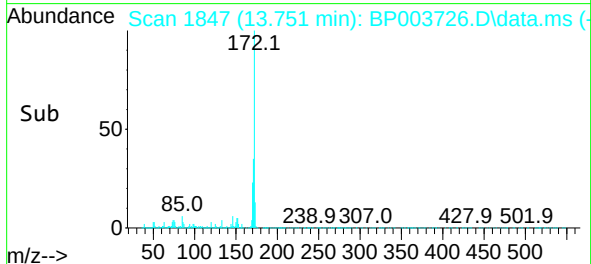
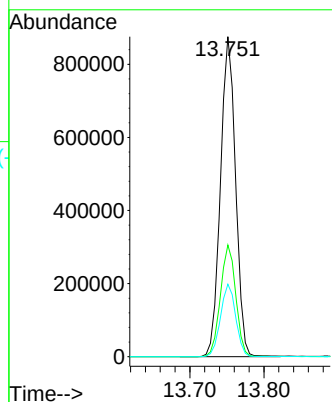
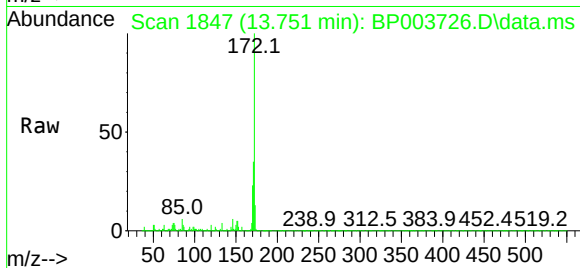




#45
2-Fluorobiphenyl
Concen: 53.44 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

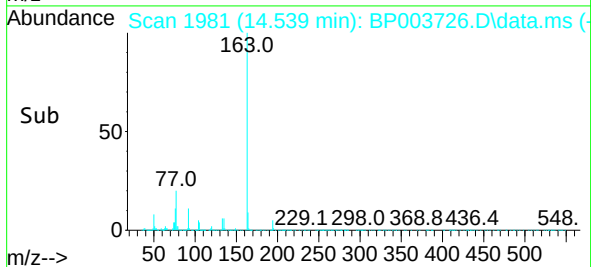
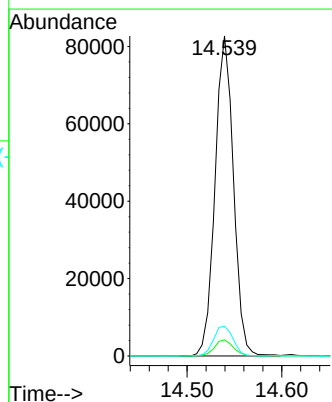
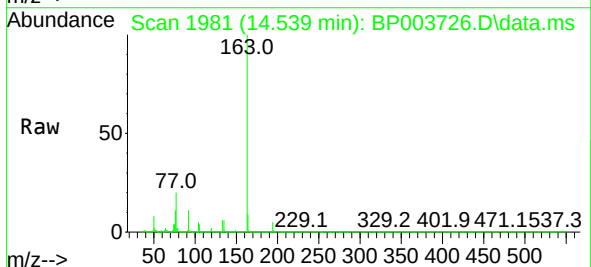
Instrument :
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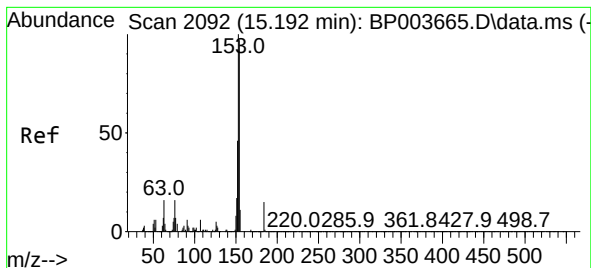
Tgt Ion:172 Resp: 1242459
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.6 19.2 28.8



#50
Dimethylphthalate
Concen: 4.52 ng
RT: 14.539 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

Tgt Ion:163 Resp: 111674
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 9.3 8.2 12.2

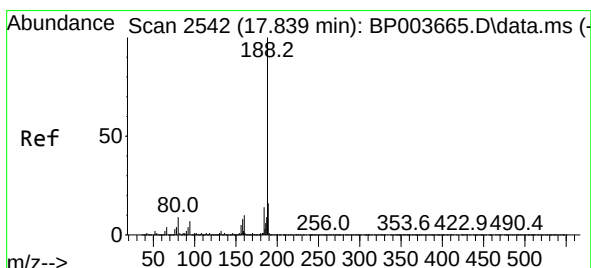
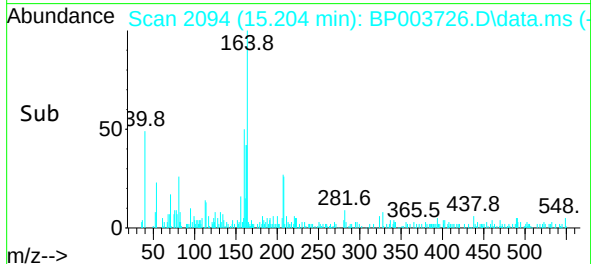
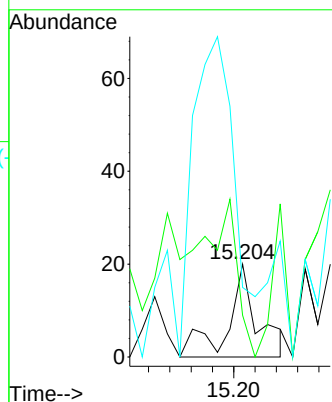
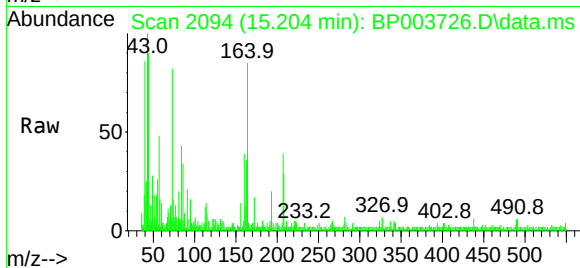




#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

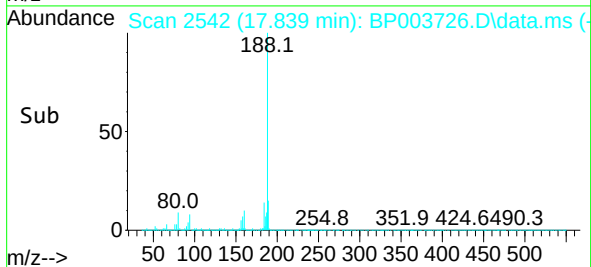
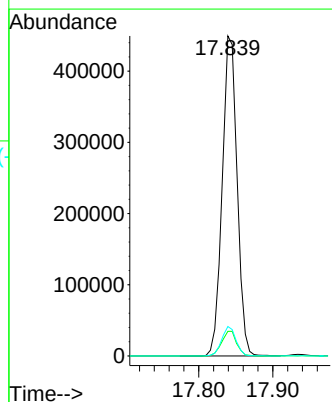
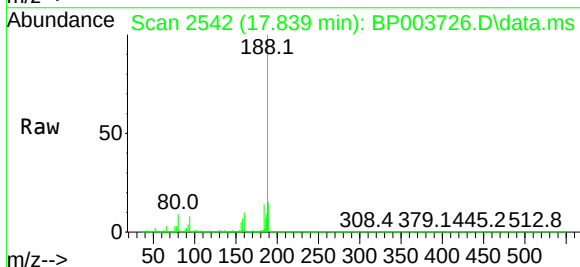
Instrument :
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ClientSampleId :
COMP-2

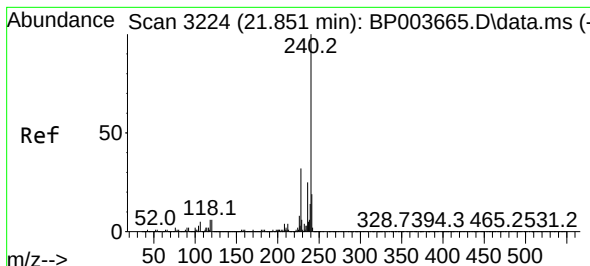
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 45.0 32.3 48.5
154 75.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.839 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP003726.D
Acq: 23 Oct 2020 18:18

Tgt Ion:188 Resp: 628491
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 9.2 6.2 9.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.857 min Scan# 3225

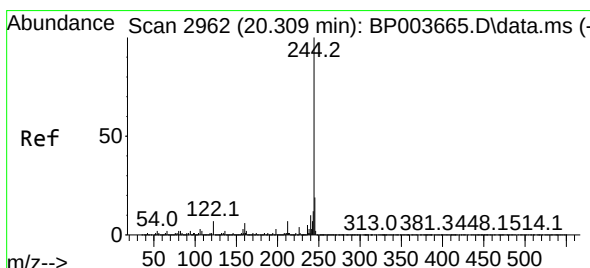
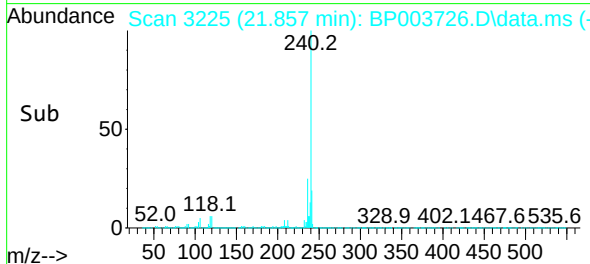
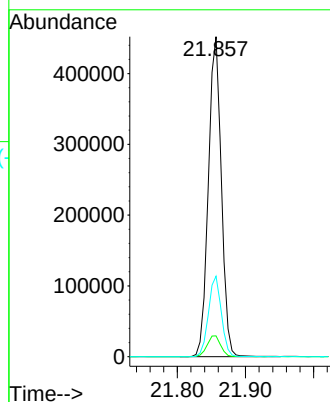
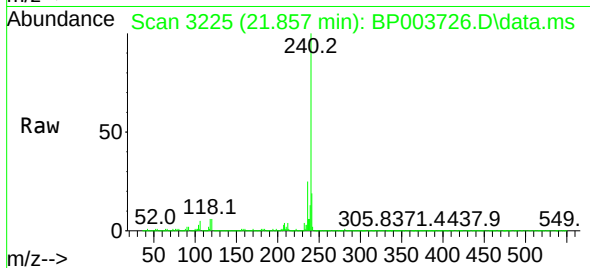
Delta R.T. 0.006 min

Lab File: BP003726.D

Acq: 23 Oct 2020 18:18

Tgt Ion:	240	Resp:	598251
Ion Ratio	Lower	Upper	
240	100		
120	6.5	7.8	11.6#
236	25.2	20.8	31.2

Instrument :
BNA_P
ClientSampleId :
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#79

Terphenyl-d14

Concen: 46.29 ng

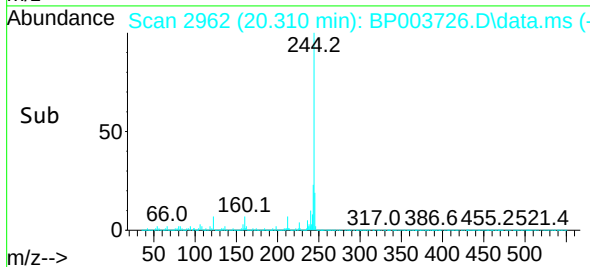
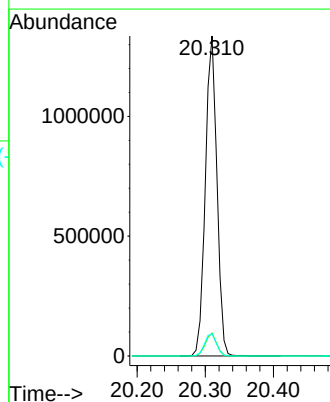
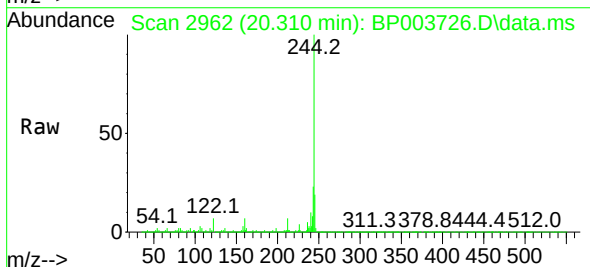
RT: 20.310 min Scan# 2962

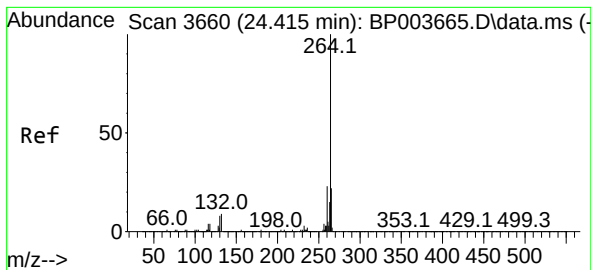
Delta R.T. 0.000 min

Lab File: BP003726.D

Acq: 23 Oct 2020 18:18

Tgt Ion:	244	Resp:	1574476
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	6.9	7.8	11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.433 min Scan# 3663
 Delta R.T. 0.018 min
 Lab File: BP003726.D
 Acq: 23 Oct 2020 18:18

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Tgt Ion:264 Resp: 579439
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.9 17.4 26.2

