

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
 Data File : BP003764.D
 Acq On : 27 Oct 2020 20:30
 Operator : CG/JU
 Sample : L4516-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FRAC-TANK-1

Quant Time: Oct 28 00:35:15 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 26 16:22:21 2020
 Response via : Initial Calibration

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

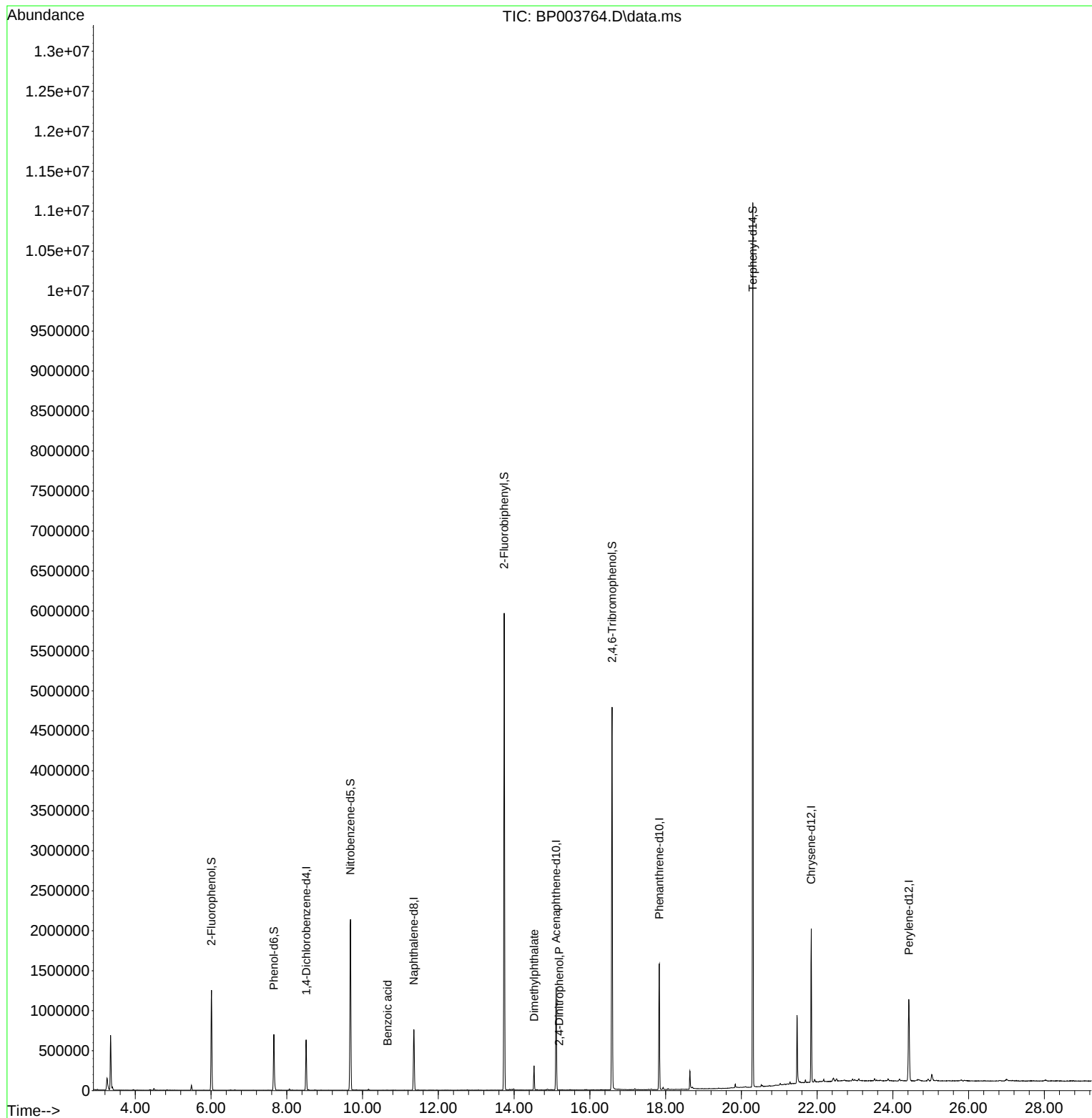
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	171168	20.00	ng	0.00
21) Naphthalene-d8	11.351	136	624374	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	427182	20.00	ng	0.00
64) Phenanthrene-d10	17.833	188	973572	20.00	ng	0.00
76) Chrysene-d12	21.845	240	964332	20.00	ng	# 0.00
86) Perylene-d12	24.421	264	847101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	536406	52.40	ng	0.00
7) Phenol-d6	7.657	99	402313	27.82	ng	0.00
23) Nitrobenzene-d5	9.681	82	1274063	86.32	ng	0.00
42) 2,4,6-Tribromophenol	16.586	330	993716	149.10	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	3035968	91.88	ng	0.00
79) Terphenyl-d14	20.304	244	4734465	86.35	ng	0.00
Target Compounds						
9) Benzaldehyde	7.605	77	127	Below Cal	#	21
32) Benzoic acid	10.657	122	54	5.05	ng	# 16
50) Dimethylphthalate	14.528	163	186584	5.32	ng	99
54) 2,4-Dinitrophenol	15.192	184	14	4.83	ng	# 22

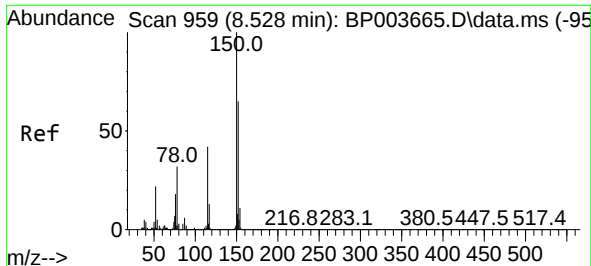
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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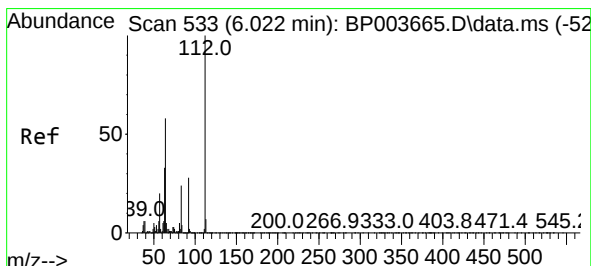
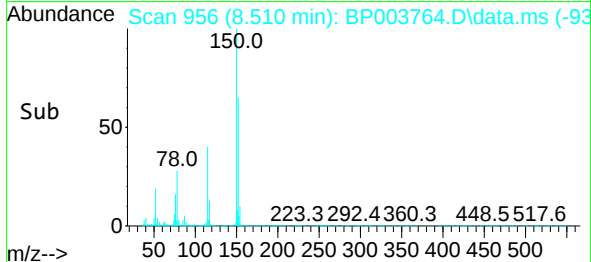
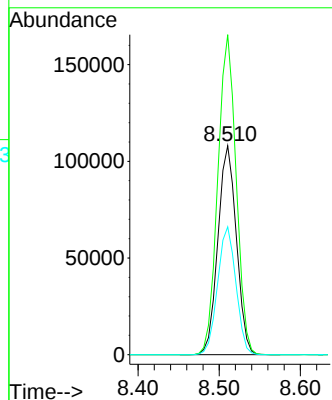
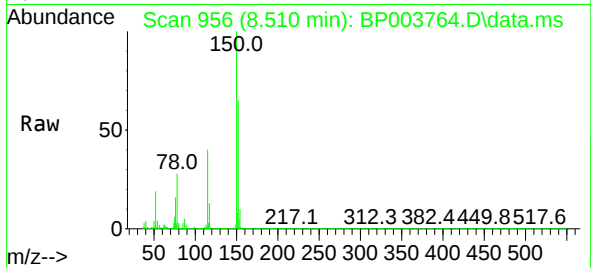




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.510 min Scan# 956
Delta R.T. 0.000 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

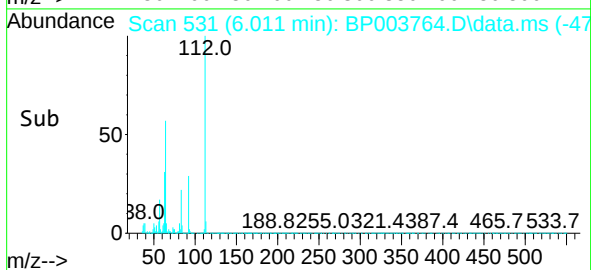
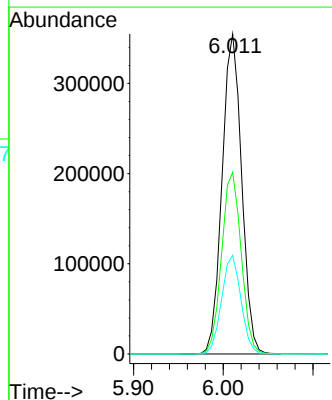
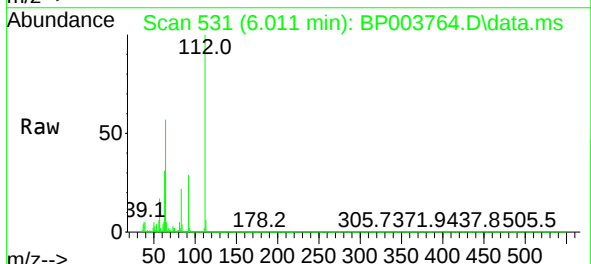
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BNA_P
ClientSampleId :
FRAC-TANK-1

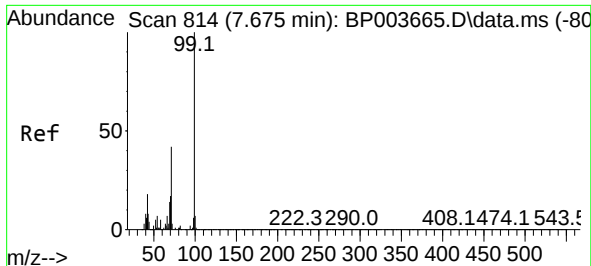
Tgt Ion:152 Resp: 171168
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 61.2 43.8 65.6



#5
2-Fluorophenol
Concen: 52.40 ng
RT: 6.011 min Scan# 531
Delta R.T. 0.006 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

Tgt Ion:112 Resp: 536406
Ion Ratio Lower Upper
112 100
64 56.8 32.8 49.2#
63 30.8 17.0 25.4#

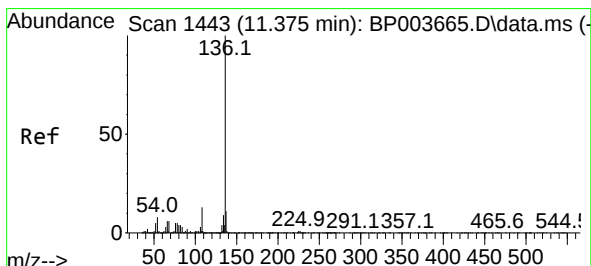
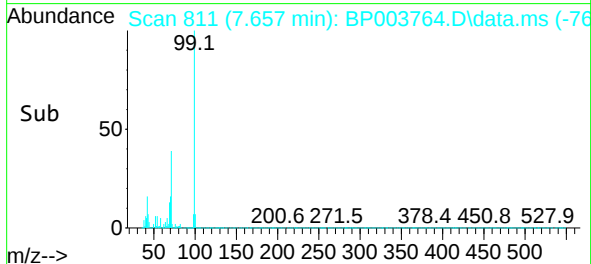
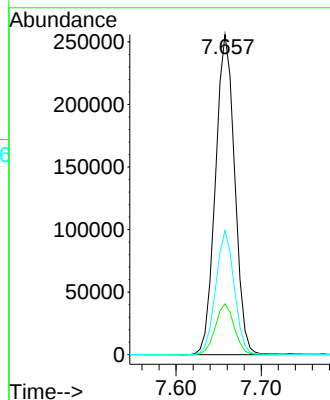
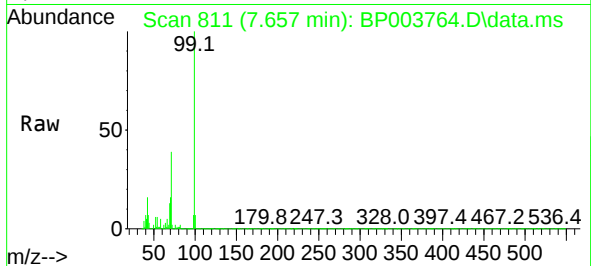




#7
Phenol-d6
Concen: 27.82 ng
RT: 7.657 min Scan# 811
Delta R.T. 0.000 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

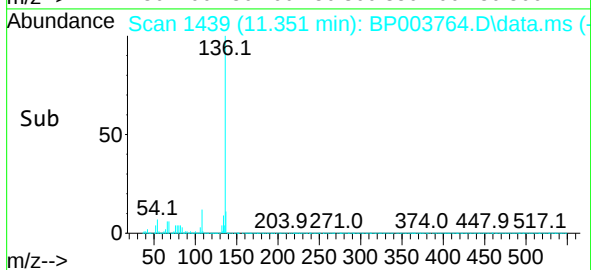
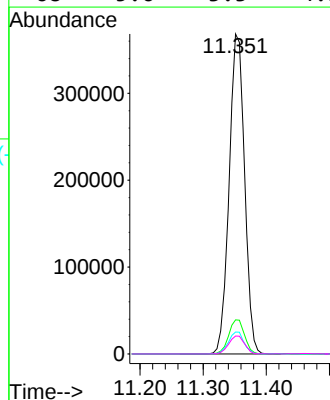
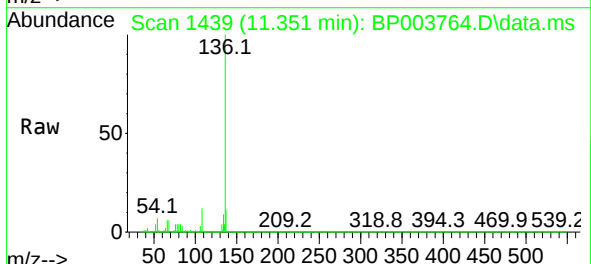
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-1

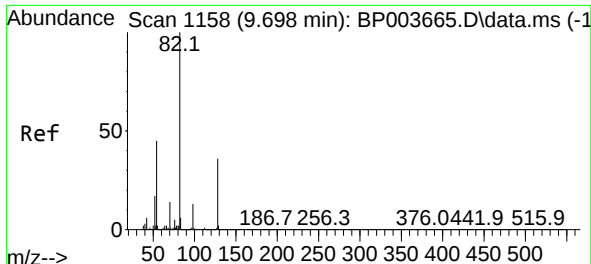
Tgt Ion: 99 Resp: 402313
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 38.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.351 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

Tgt Ion: 136 Resp: 624374
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 3.6 5.4#
68 5.6 3.3 4.9#

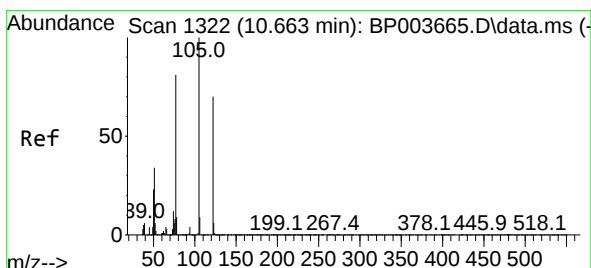
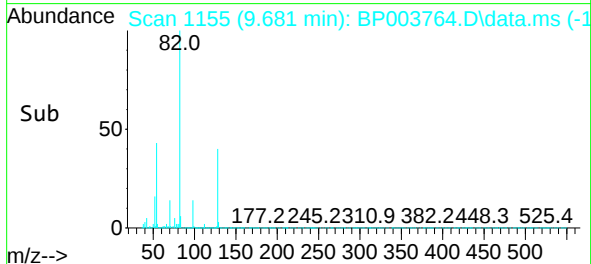
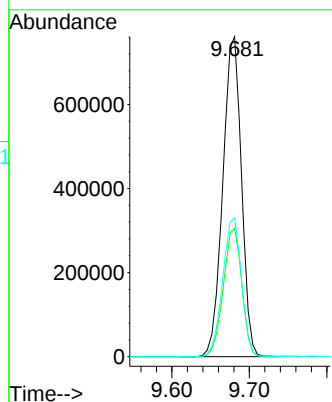
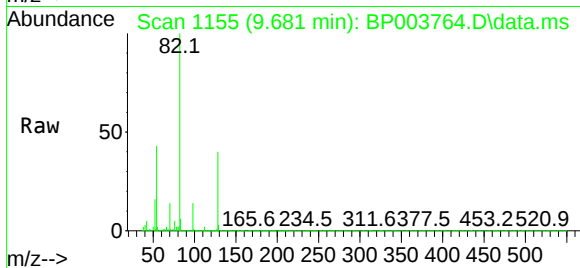




#23
Nitrobenzene-d5
Concen: 86.32 ng
RT: 9.681 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

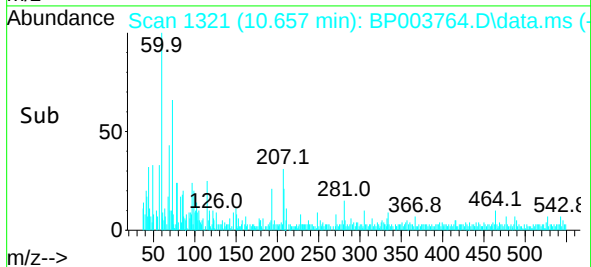
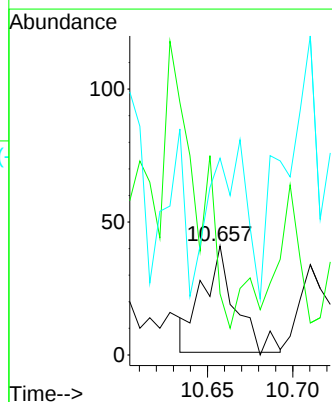
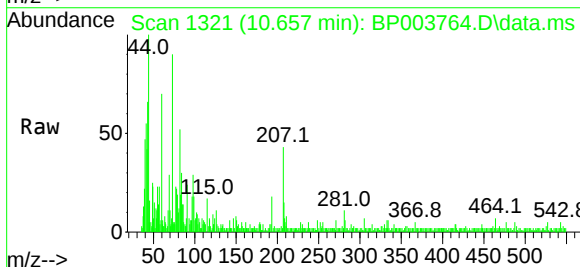
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-1

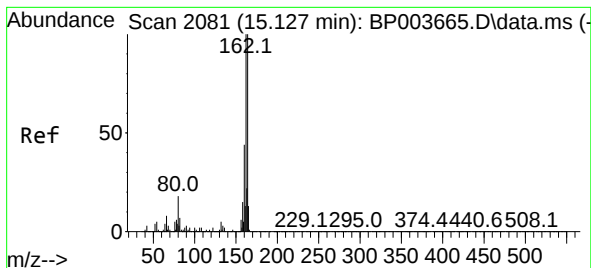
Tgt Ion: 82 Resp: 1274063
Ion Ratio Lower Upper
82 100
128 40.2 45.6 68.4#
54 43.3 30.1 45.1



#32
Benzoic acid
Concen: 5.05 ng
RT: 10.657 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 56.1 94.1 134.1#
77 180.5 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.110 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BP003764.D

Acq: 27 Oct 2020 20:30

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-1

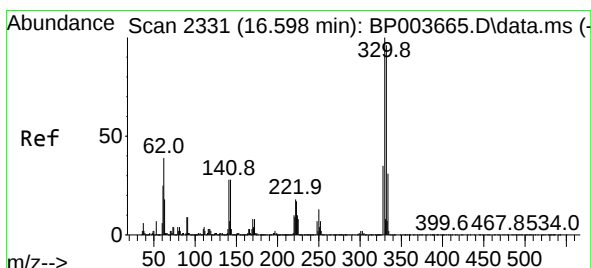
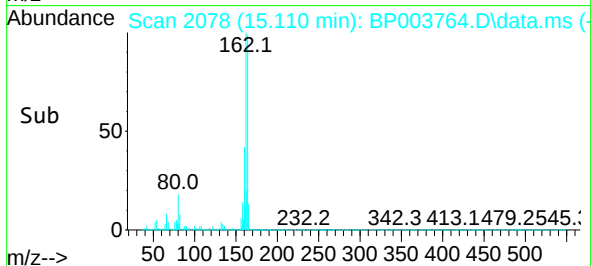
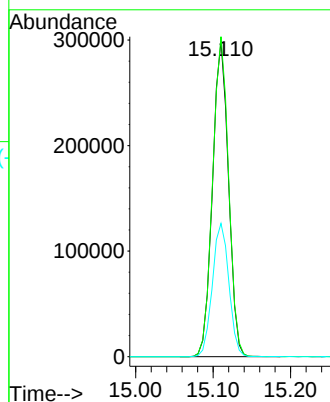
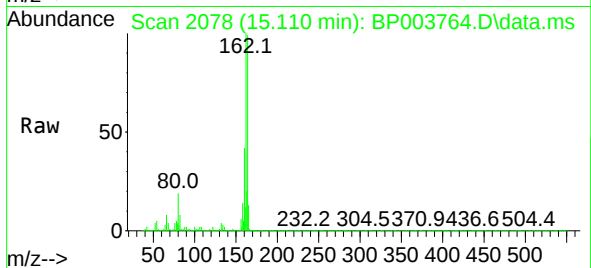
Tgt Ion:164 Resp: 427182

Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.2

160 42.3 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 149.10 ng

RT: 16.586 min Scan# 2329

Delta R.T. 0.006 min

Lab File: BP003764.D

Acq: 27 Oct 2020 20:30

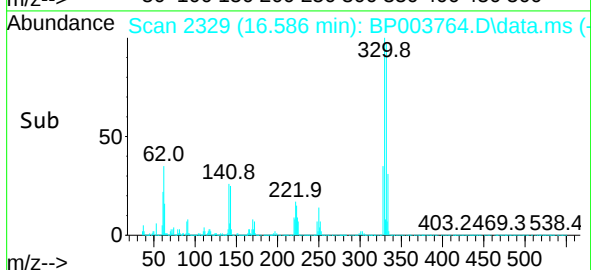
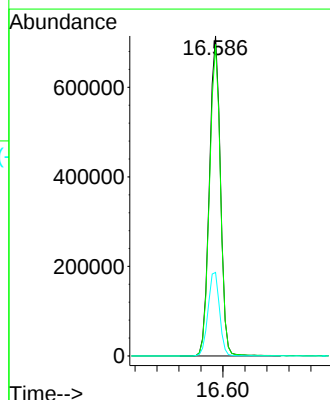
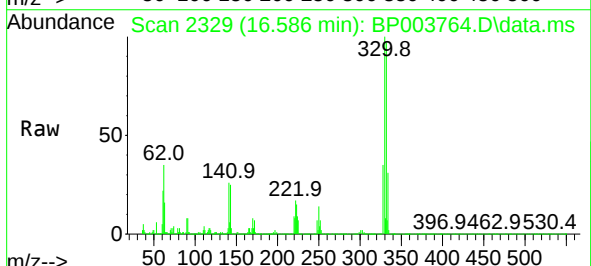
Tgt Ion:330 Resp: 993716

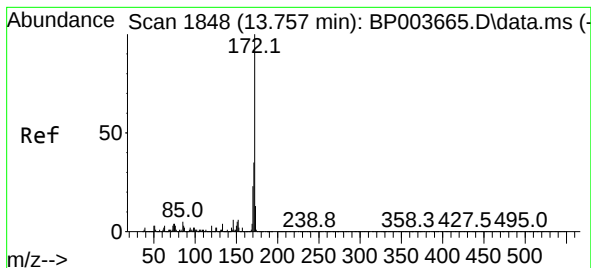
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 27.2 23.4 35.2

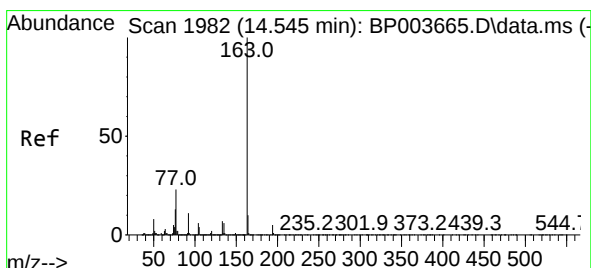
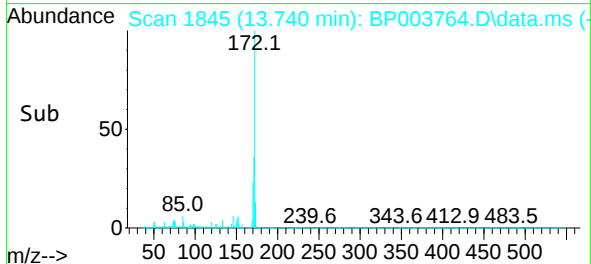
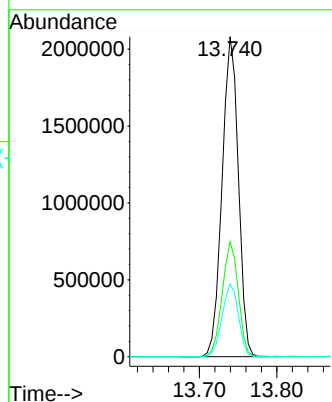
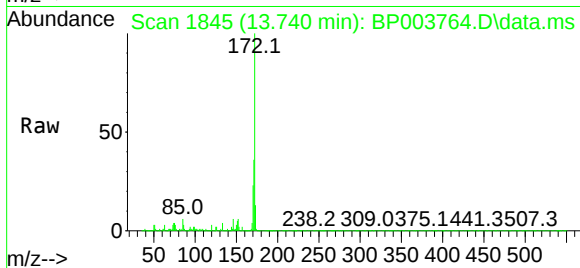




#45
2-Fluorobiphenyl
Concen: 91.88 ng
RT: 13.740 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

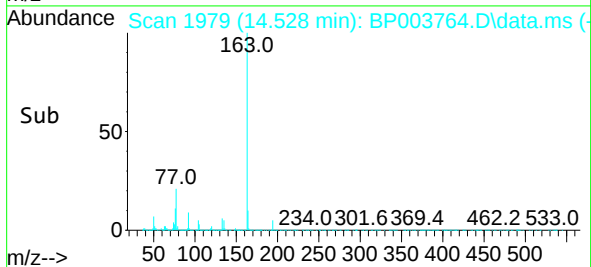
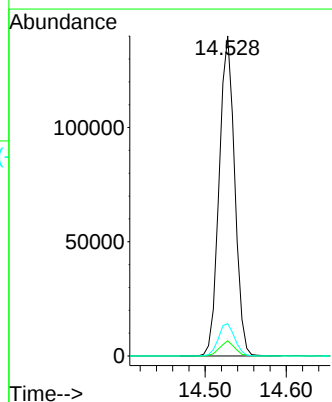
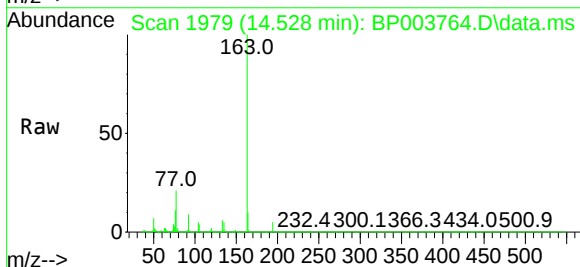
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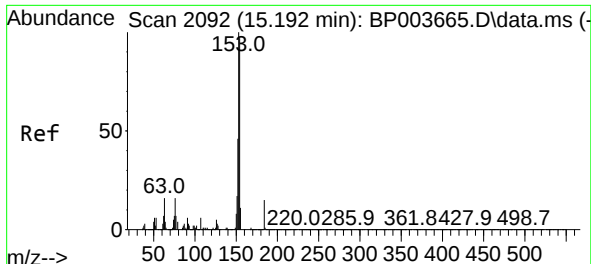
Tgt Ion:172 Resp: 3035968
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 22.7 19.2 28.8



#50
Dimethylphthalate
Concen: 5.32 ng
RT: 14.528 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

Tgt Ion:163 Resp: 186584
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.1 8.2 12.2

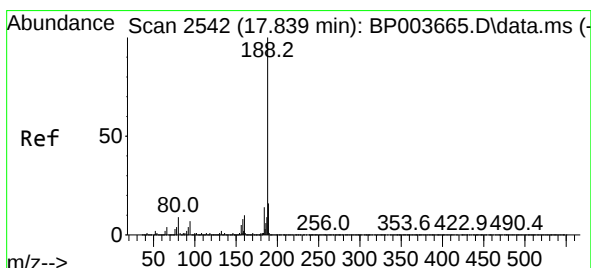
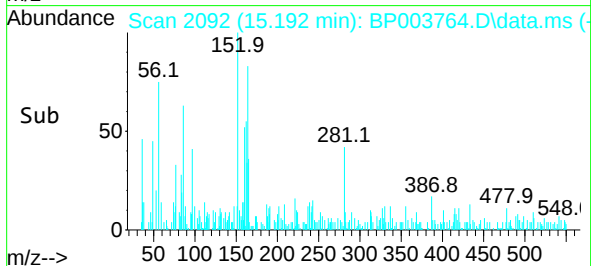
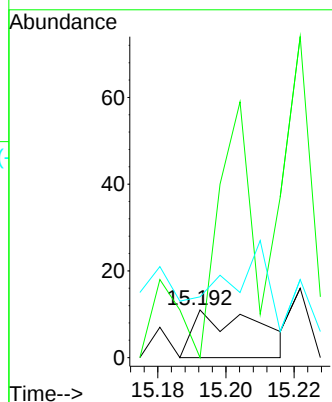
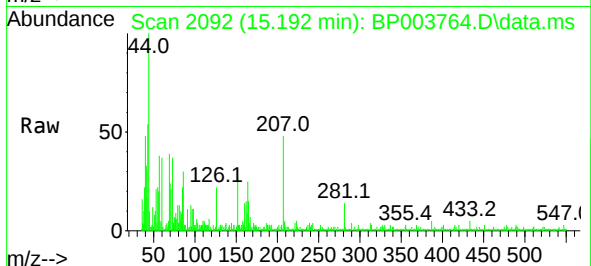




#54
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.192 min Scan# 2092
Delta R.T. 0.012 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

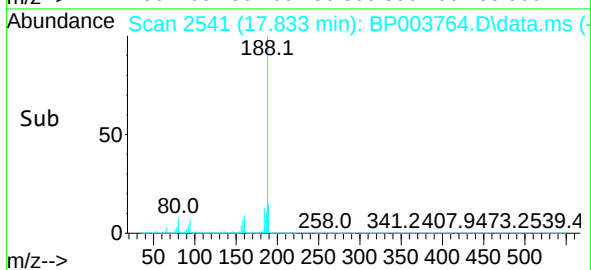
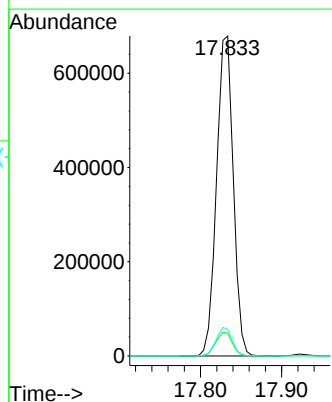
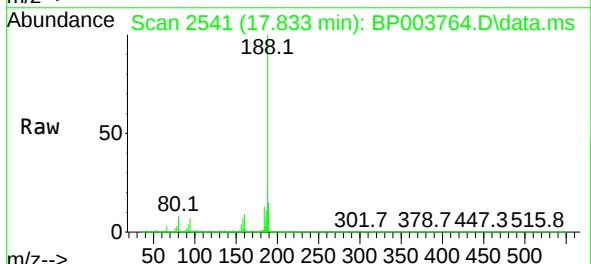
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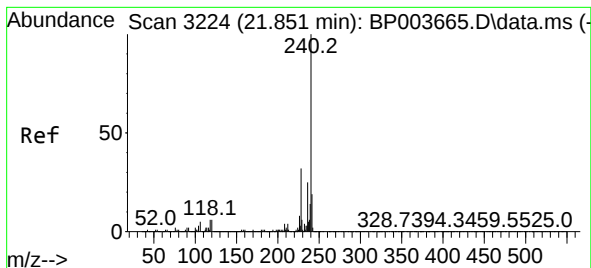
Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 0.0 32.3 48.5#
154 127.3 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.833 min Scan# 2541
Delta R.T. 0.006 min
Lab File: BP003764.D
Acq: 27 Oct 2020 20:30

Tgt Ion:188 Resp: 973572
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.2 6.2 9.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.845 min Scan# 3223

Delta R.T. 0.000 min

Lab File: BP003764.D

Acq: 27 Oct 2020 20:30

Tgt Ion:240 Resp: 964332

Ion Ratio Lower Upper

240 100

120 6.8 7.8 11.6#

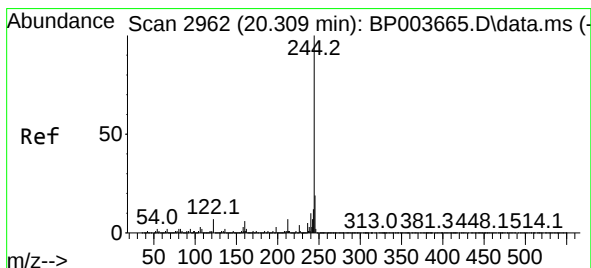
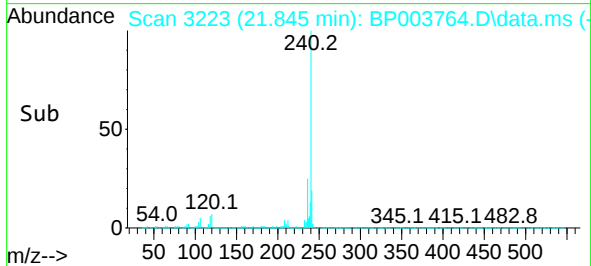
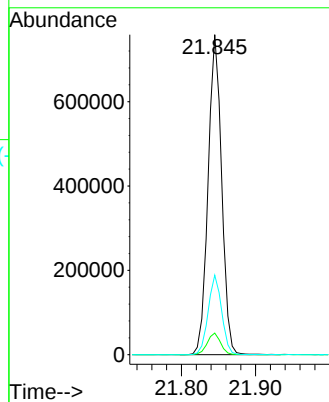
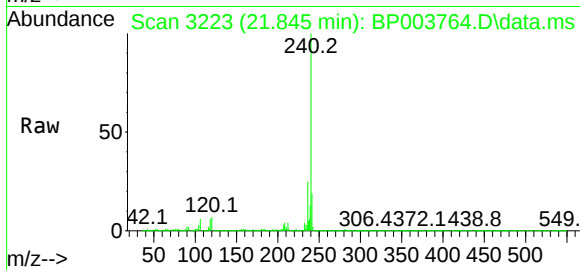
236 24.9 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

FRAC-TANK-1



#79

Terphenyl-d14

Concen: 86.35 ng

RT: 20.304 min Scan# 2961

Delta R.T. 0.006 min

Lab File: BP003764.D

Acq: 27 Oct 2020 20:30

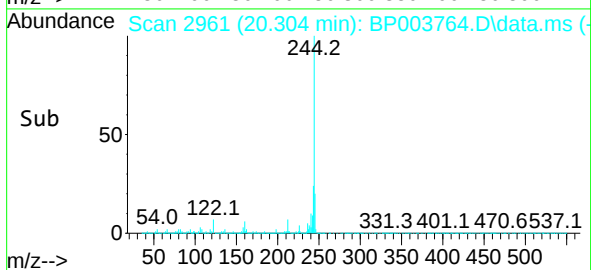
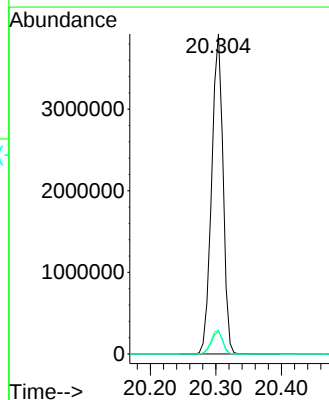
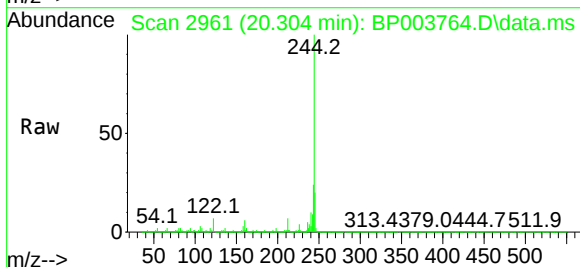
Tgt Ion:244 Resp: 4734465

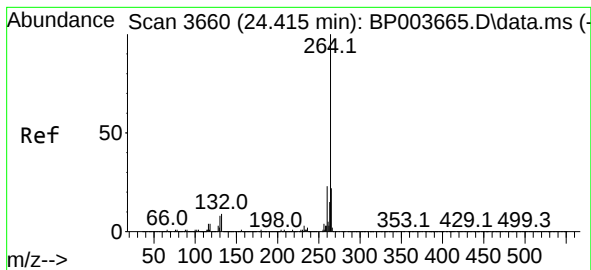
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 7.5 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.421 min Scan# 3661
 Delta R.T. 0.006 min
 Lab File: BP003764.D
 Acq: 27 Oct 2020 20:30

Instrument :
 BNA_P
 ClientSampleId :
 FRAC-TANK-1

Tgt Ion:264	Resp:	847101
Ion	Ratio	Lower Upper
264	100	
260	22.8	18.8 28.2
265	21.5	17.4 26.2

