

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005463.D
 Acq On : 10 May 2021 10:25
 Operator : CG/JU
 Sample : PB136062BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136062BL

Quant Time: May 10 11:18:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 12:37:06 2021
 Response via : Initial Calibration

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

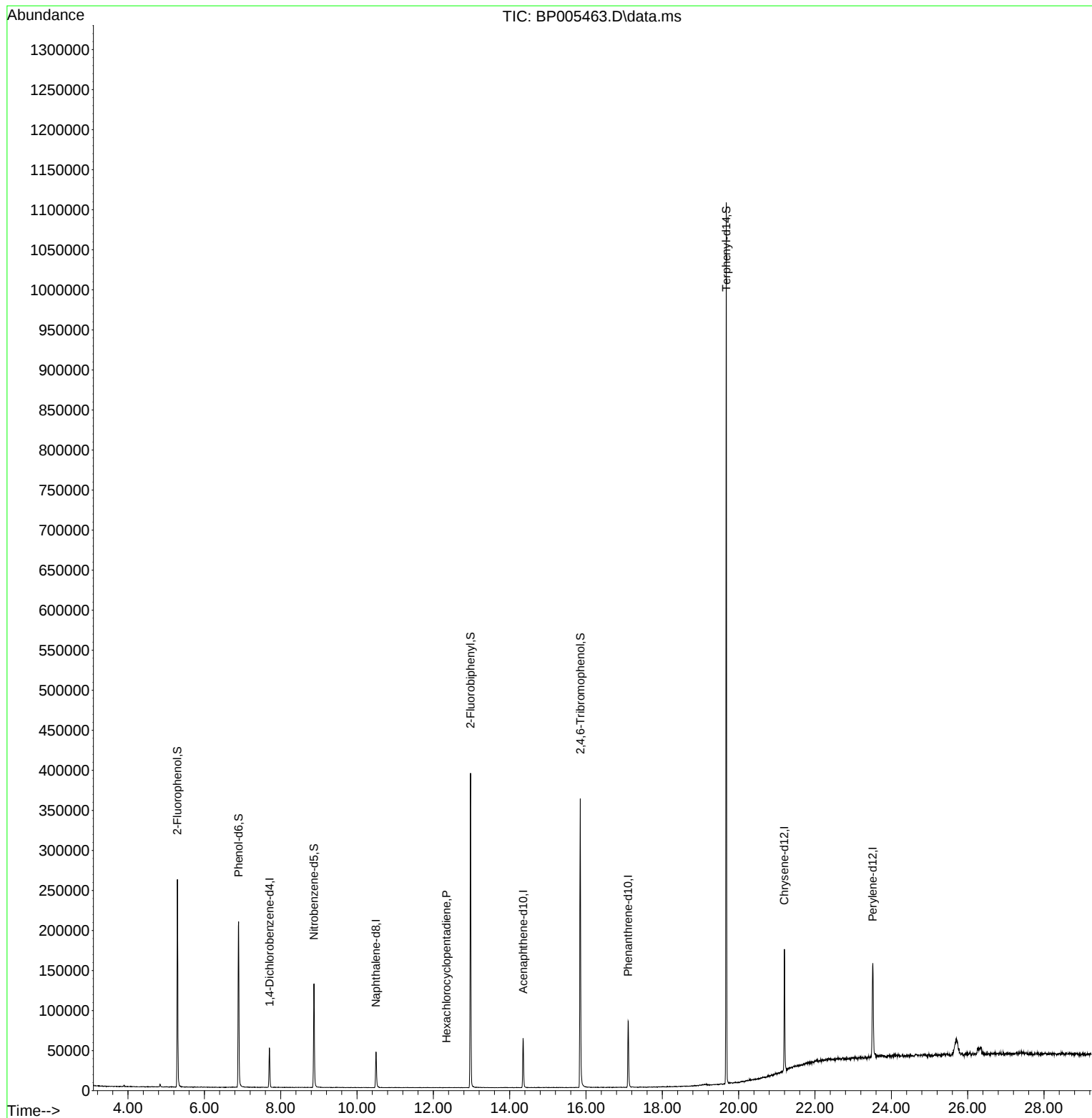
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	10020	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	26698	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	18699	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	50436	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	74718	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	94701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	77090	147.65	ng	0.00
7) Phenol-d6	6.899	99	77601	119.19	ng	0.00
23) Nitrobenzene-d5	8.869	82	65804	97.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	72130	135.93	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	155908	94.05	ng	0.00
79) Terphenyl-d14	19.674	244	401691	91.30	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	44	Below Cal	#	1
9) Benzaldehyde	6.834	77	14	Below Cal	#	77
41) Hexachlorocyclopentadiene	12.345	237	7	7.89	ng	73

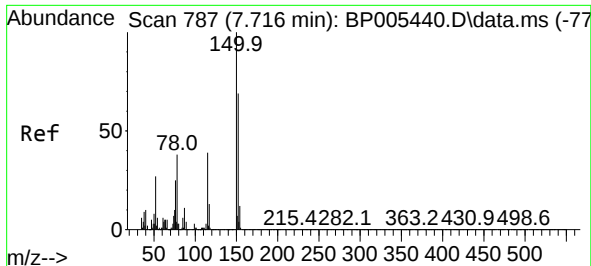
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

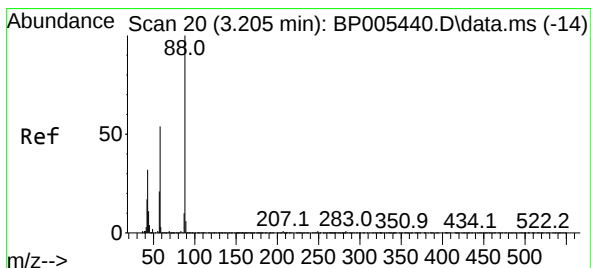
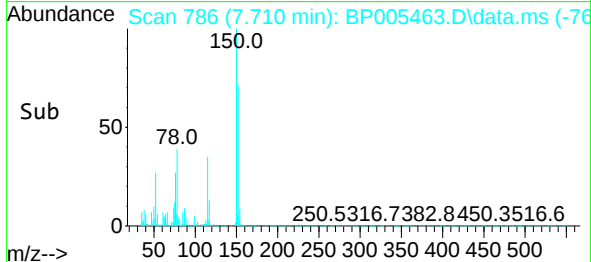
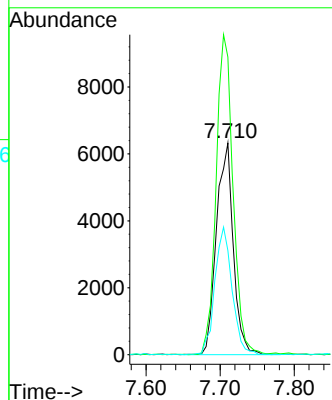
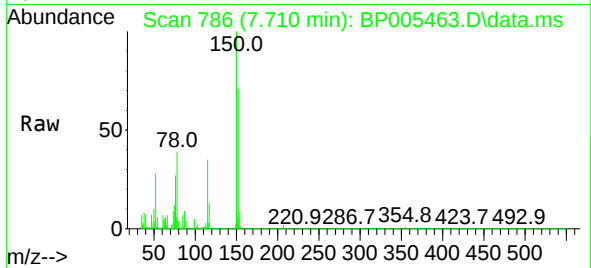




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. -0.001 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

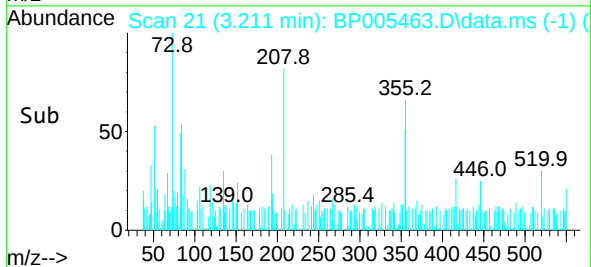
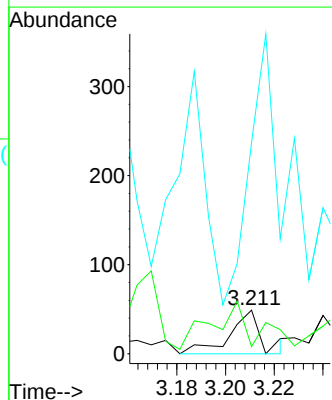
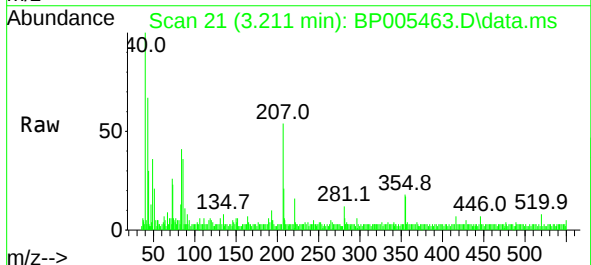
Instrument :
BNA_P
ClientSampleId :
PB136062BL

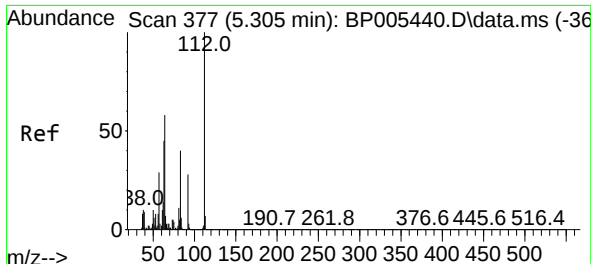
Tgt Ion:152 Resp: 10020
Ion Ratio Lower Upper
152 100
150 140.6 119.8 179.8
115 49.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.211 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 659.1 19.8 29.8#

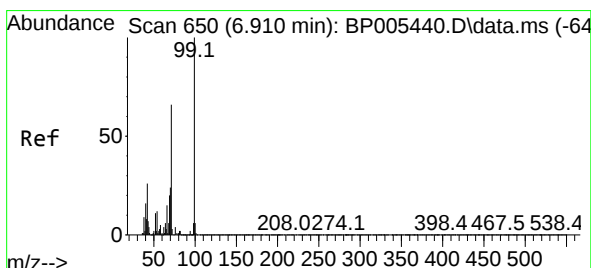
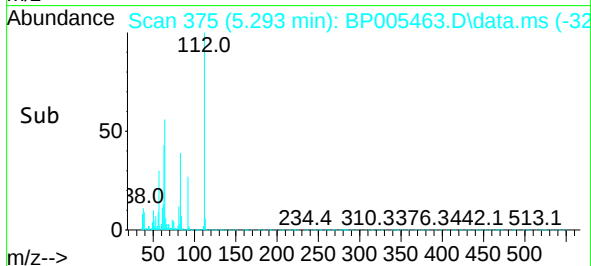
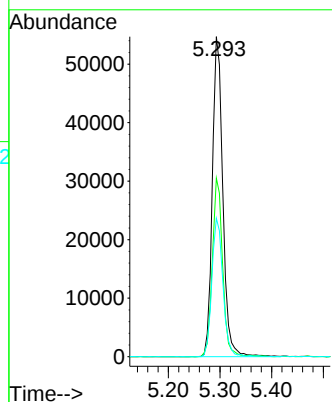
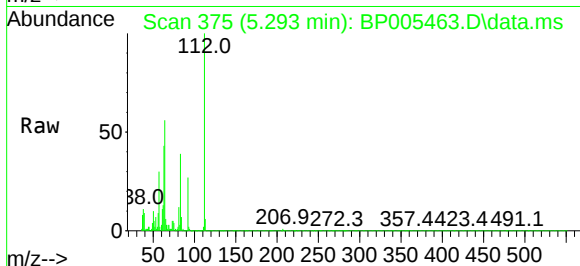




#5
2-Fluorophenol
Concen: 147.65 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

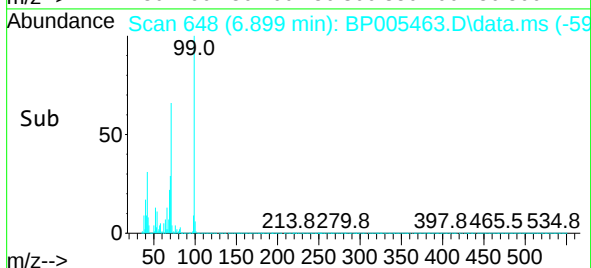
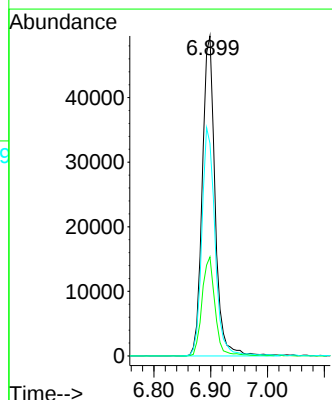
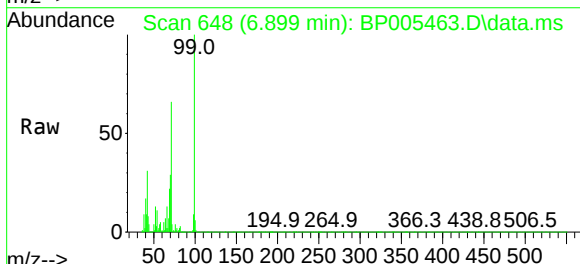
Instrument :
BNA_P
ClientSampleId :
PB136062BL

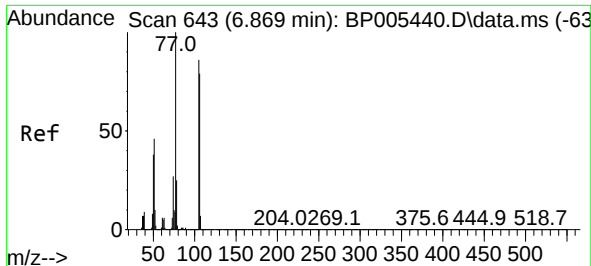
Tgt Ion:112 Resp: 77090
Ion Ratio Lower Upper
112 100
64 55.8 33.6 50.4#
63 43.2 18.6 27.8#



#7
Phenol-d6
Concen: 119.19 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion: 99 Resp: 77601
Ion Ratio Lower Upper
99 100
42 30.9 12.9 19.3#
71 66.5 26.7 40.1#

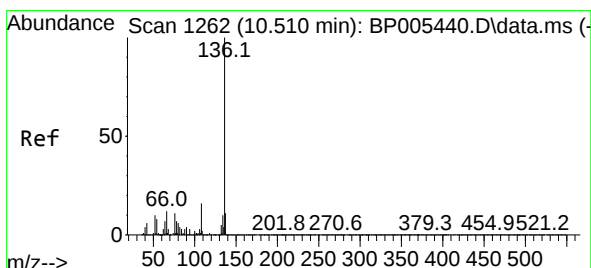
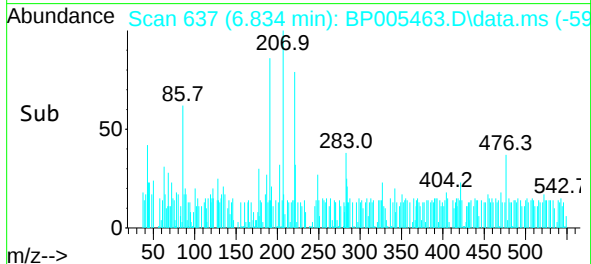
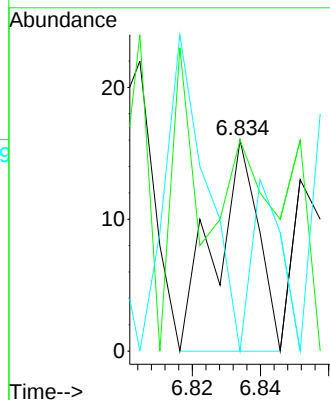
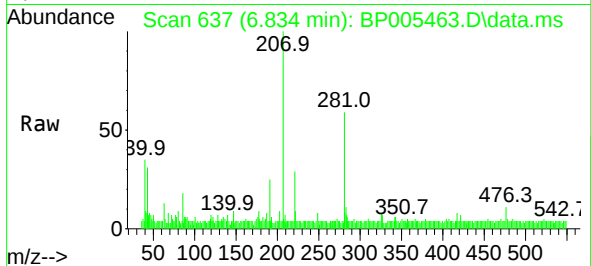




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.024 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

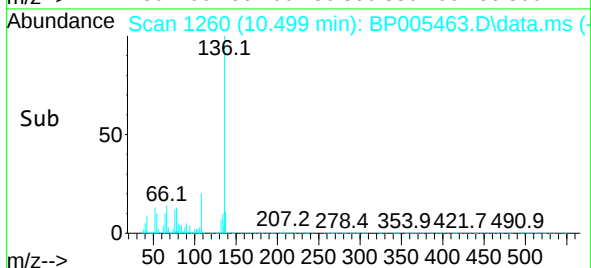
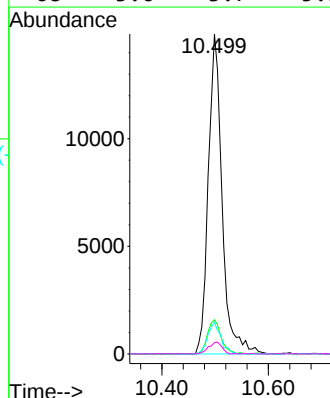
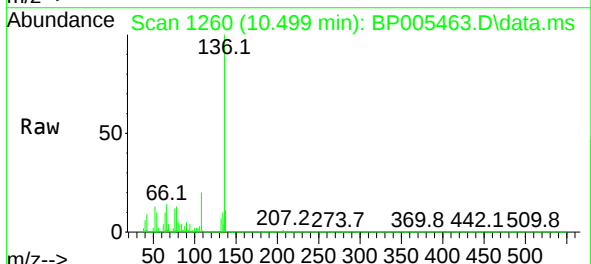
Instrument :
BNA_P
ClientSampleId :
PB136062BL

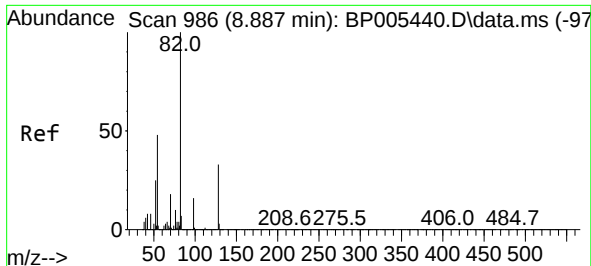
Tgt Ion: 77 Resp: 14
Ion Ratio Lower Upper
77 100
105 100.0 89.4 129.4
106 62.5 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion:136 Resp: 26698
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.9 5.0 7.4#
68 3.6 3.7 5.5#

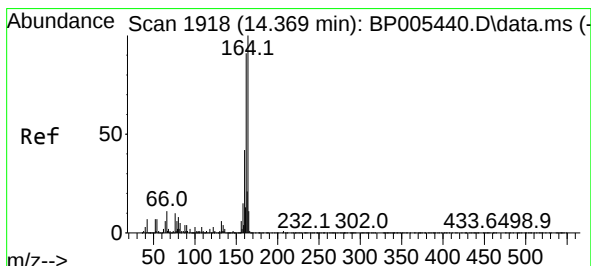
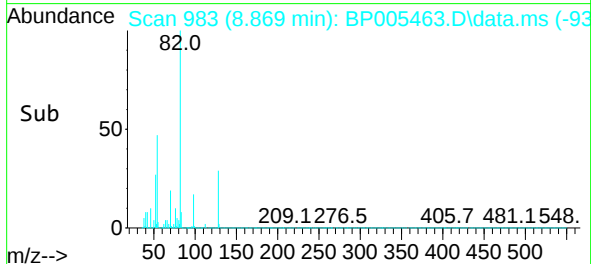
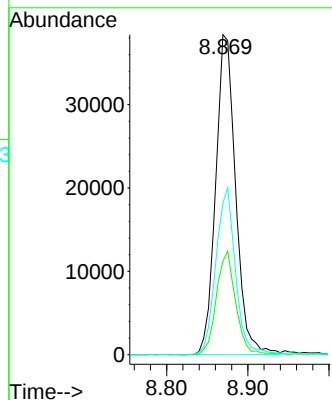
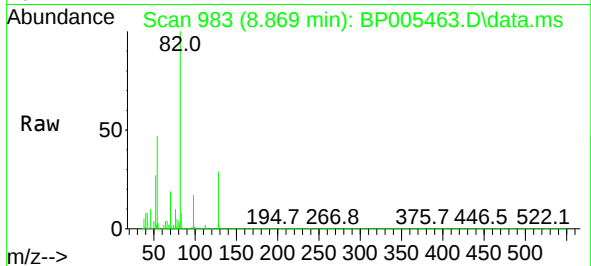




#23
Nitrobenzene-d5
Concen: 97.01 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

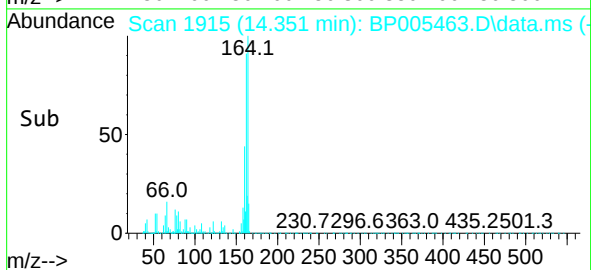
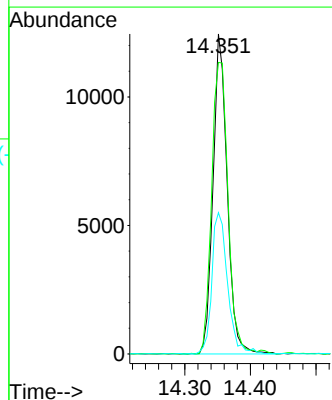
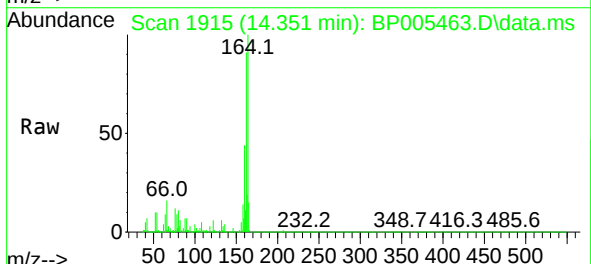
Instrument :
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ClientSampleId :
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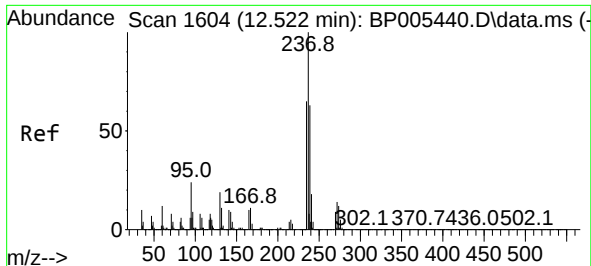
Tgt Ion: 82 Resp: 65804
Ion Ratio Lower Upper
82 100
128 29.2 30.5 45.7#
54 47.4 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion: 164 Resp: 18699
Ion Ratio Lower Upper
164 100
162 91.1 73.5 110.3
160 44.1 40.6 61.0

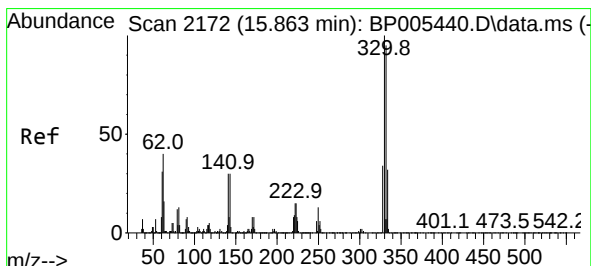
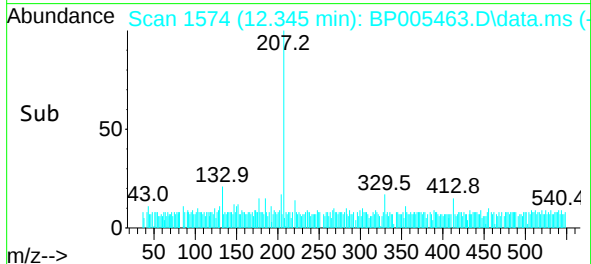
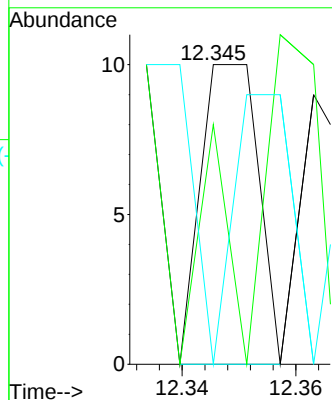
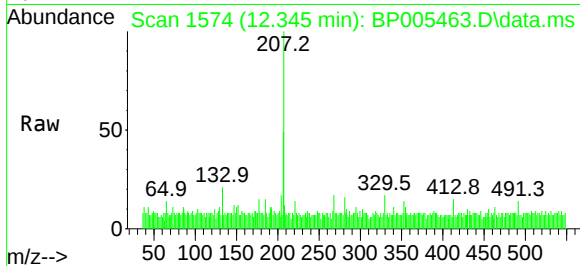




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.345 min Scan# 1574
Delta R.T. -0.165 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

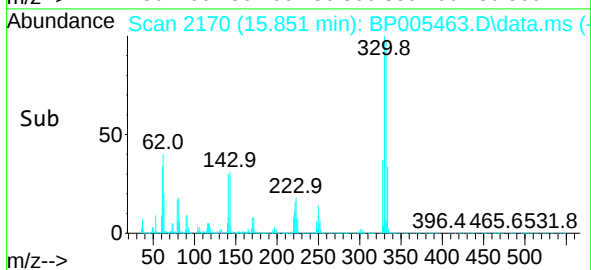
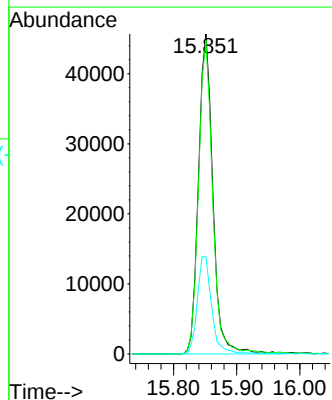
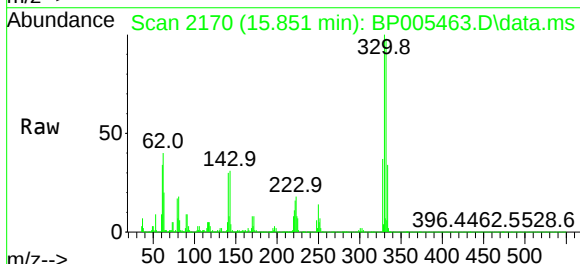
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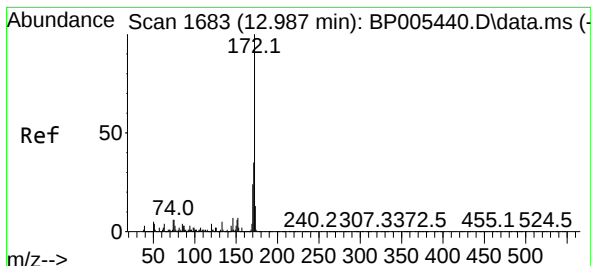
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 135.93 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion:	330	Resp:	72130
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.3	114.5
141	30.6	22.8	34.2

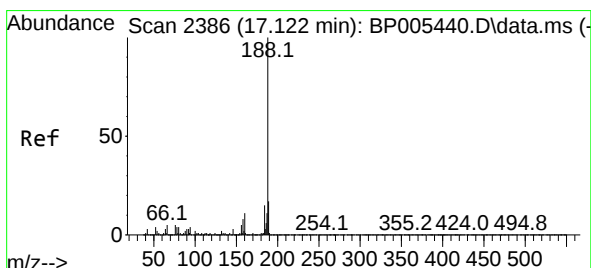
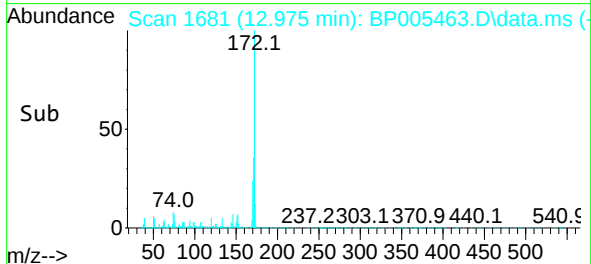
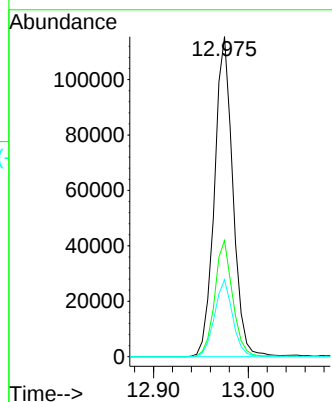
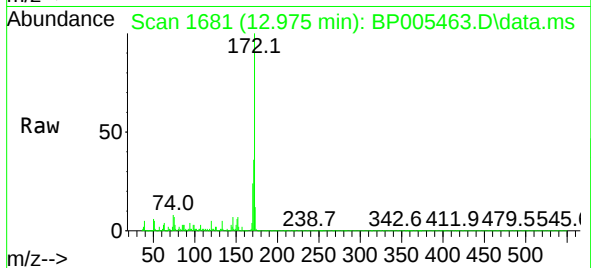




#45
2-Fluorobiphenyl
Concen: 94.05 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

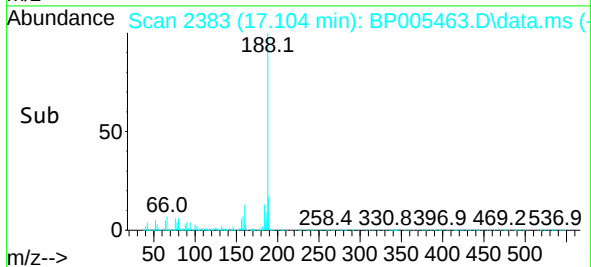
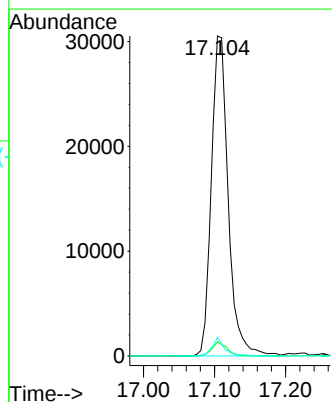
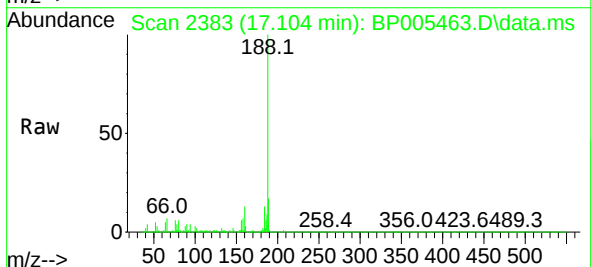
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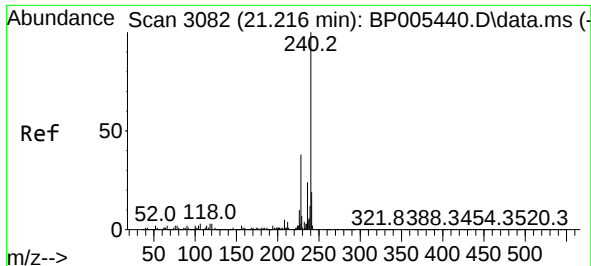
Tgt Ion:172 Resp: 155908
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 24.0 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Tgt Ion:188 Resp: 50436
Ion Ratio Lower Upper
188 100
94 4.5 5.0 7.6#
80 5.8 5.9 8.9#

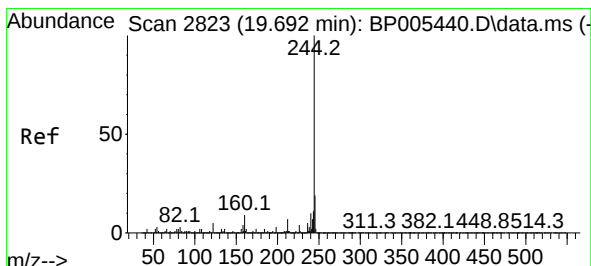
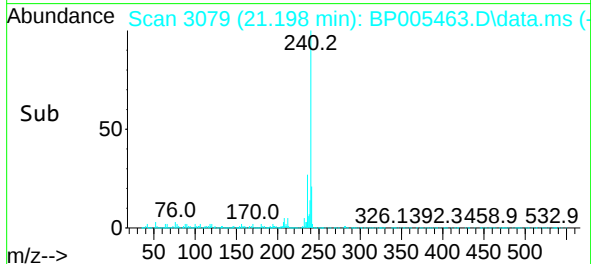
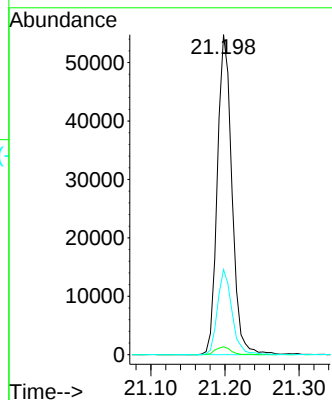
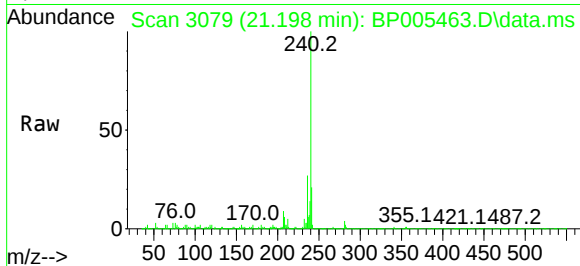




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

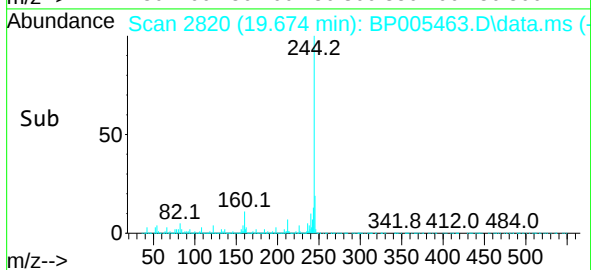
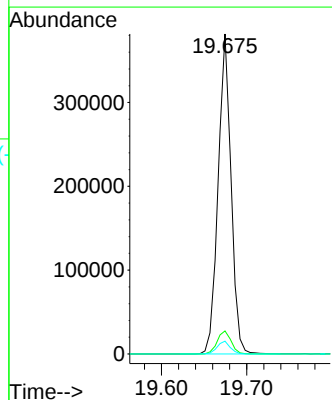
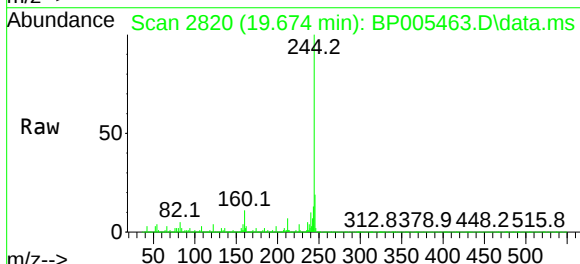
Instrument :
BNA_P
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PB136062BL

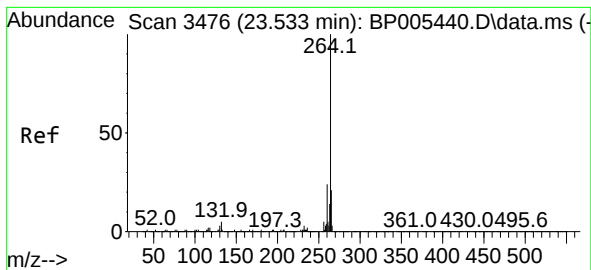
Tgt Ion:240 Resp: 74718
Ion Ratio Lower Upper
240 100
120 2.4 4.2 6.2#
236 26.6 20.2 30.2



#79
Terphenyl-d14
Concen: 91.30 ng
RT: 19.674 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

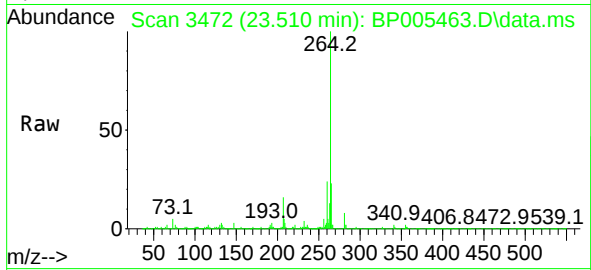
Tgt Ion:244 Resp: 401691
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.0 5.2 7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BP005463.D
Acq: 10 May 2021 10:25

Instrument :
BNA_P
ClientSampleId :
PB136062BL



Tgt Ion:	264	Resp:	94701
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.6	30.8
265	22.5	19.0	28.6

