

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
 Data File : BP005571.D
 Acq On : 15 May 2021 16:40
 Operator : CG/JU
 Sample : PB136402BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136402BL

Quant Time: May 16 02:45:34 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 14 12:01:17 2021
 Response via : Initial Calibration

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

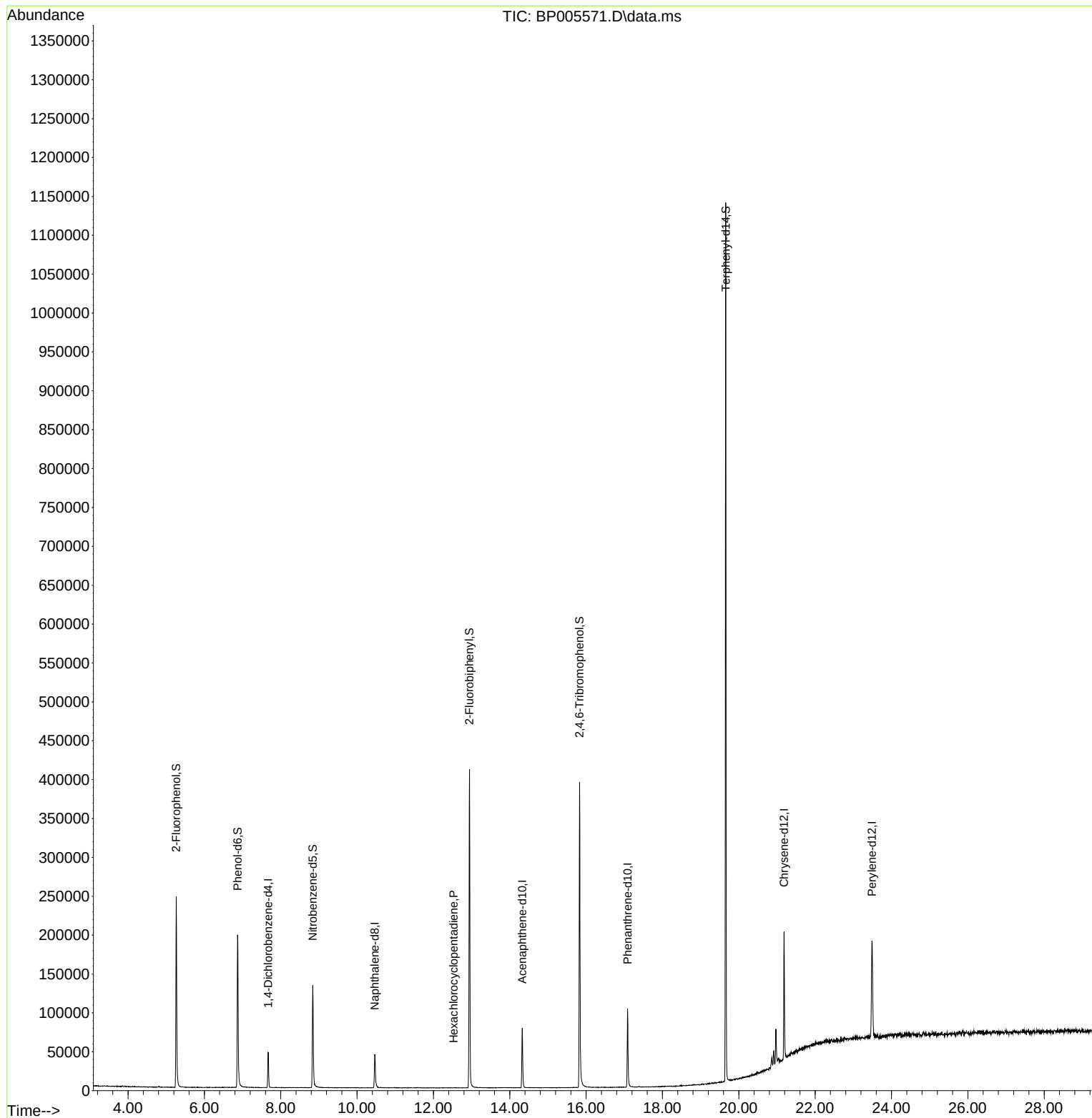
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10478	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	32037	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	26501	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	62839	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	83195	20.00	ng	# 0.00
86) Perylene-d12	23.486	264	106969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	77280	141.54	ng	0.00
7) Phenol-d6	6.869	99	84393	123.96	ng	-0.01
23) Nitrobenzene-d5	8.840	82	70381	86.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	82152	109.24	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	186062	79.20	ng	0.00
79) Terphenyl-d14	19.657	244	447357	91.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	23	Below Cal	#	1
9) Benzaldehyde	6.822	77	28	Below Cal	#	23
41) Hexachlorocyclopentadiene	12.528	237	10	7.89	ng	72

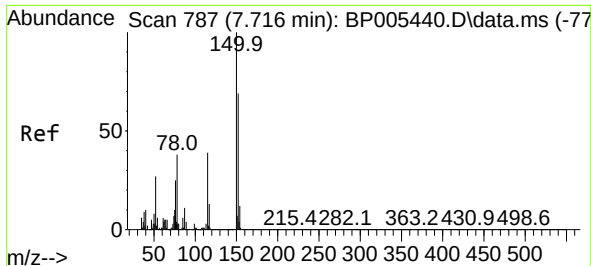
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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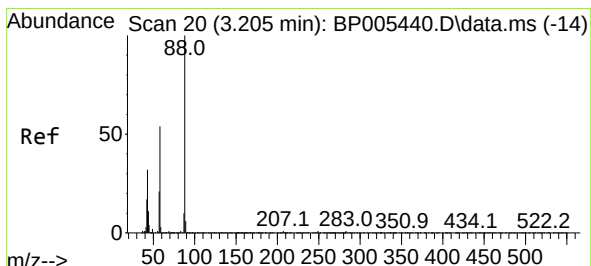
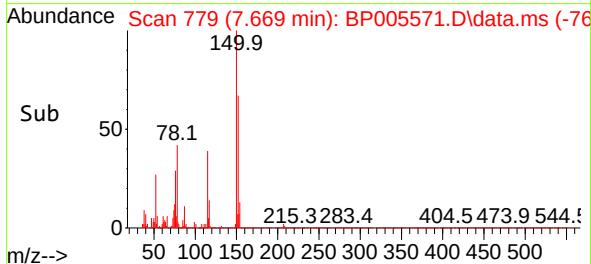
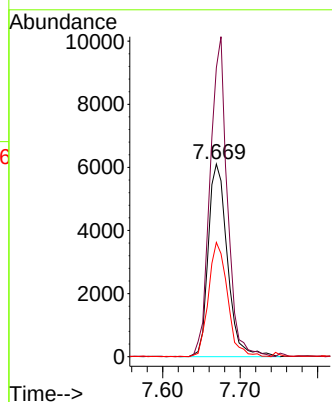
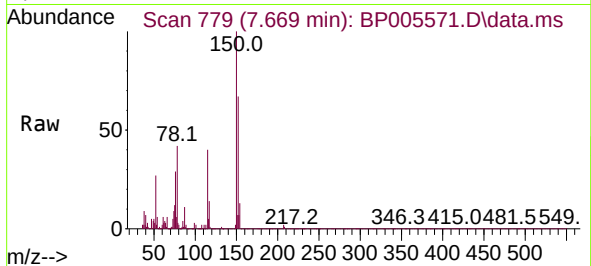




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

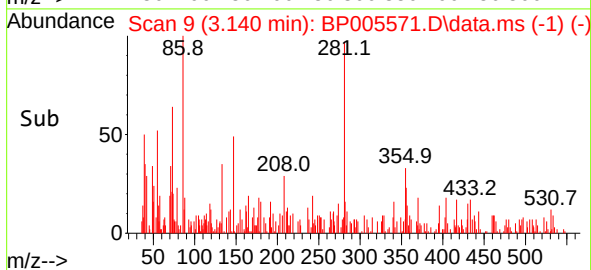
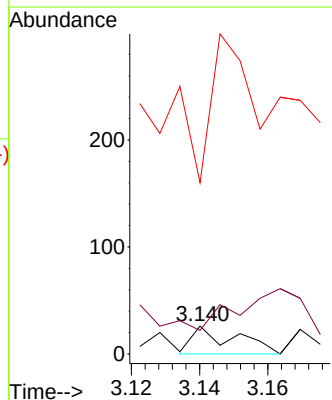
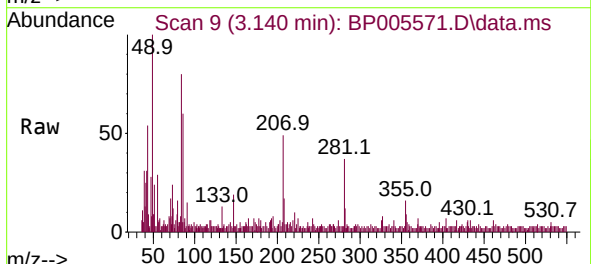
Instrument :
BNA_P
ClientSampleId :
PB136402BL

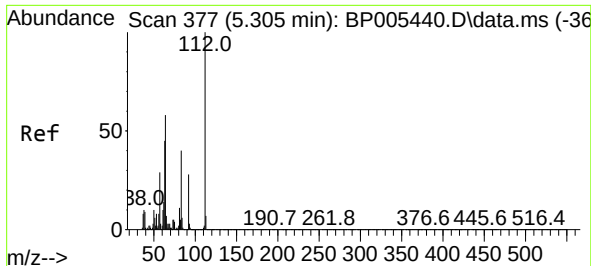
Tgt Ion:152 Resp: 10478
Ion Ratio Lower Upper
152 100
150 150.0 119.8 179.8
115 59.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 1260.9 19.8 29.8#

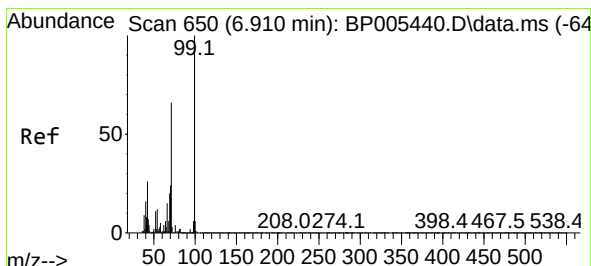
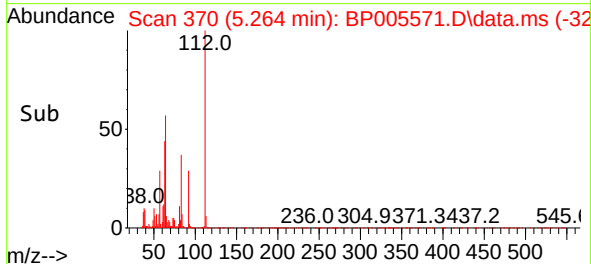
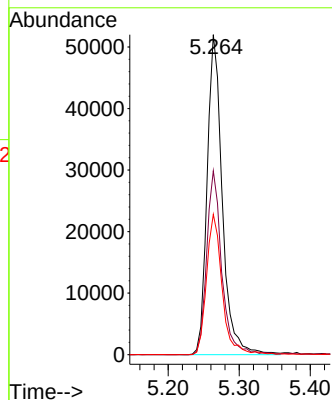
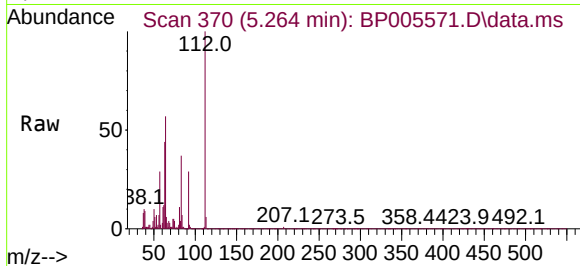




#5
2-Fluorophenol
Concen: 141.54 ng
RT: 5.264 min Scan# 370
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

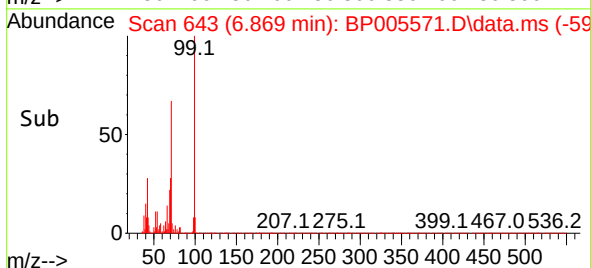
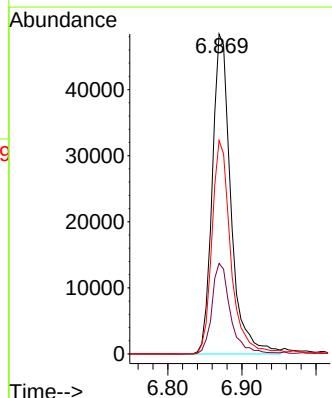
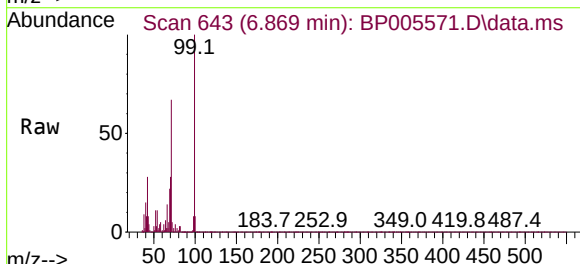
Instrument :
BNA_P
ClientSampleId :
PB136402BL

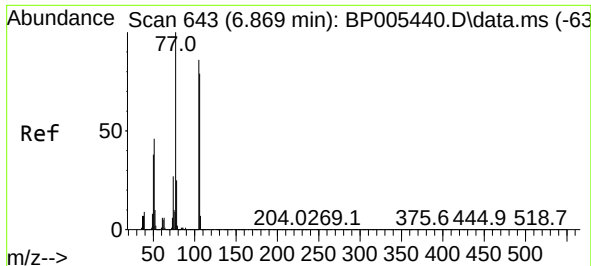
Tgt Ion:112 Resp: 77280
Ion Ratio Lower Upper
112 100
64 57.5 33.6 50.4#
63 43.8 18.6 27.8#



#7
Phenol-d6
Concen: 123.96 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion: 99 Resp: 84393
Ion Ratio Lower Upper
99 100
42 28.3 12.9 19.3#
71 66.7 26.7 40.1#

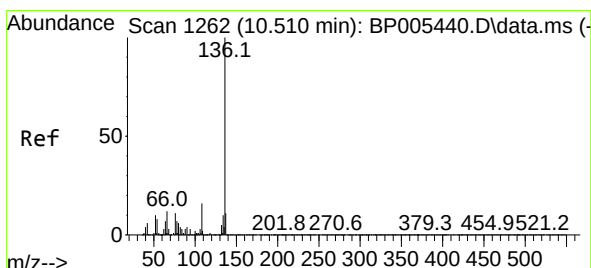
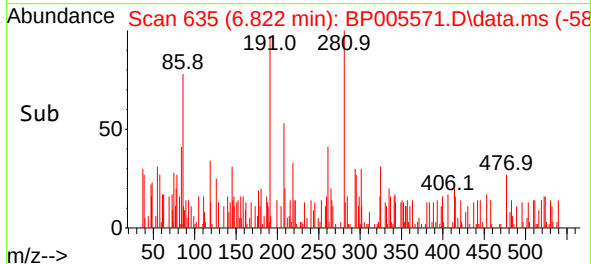
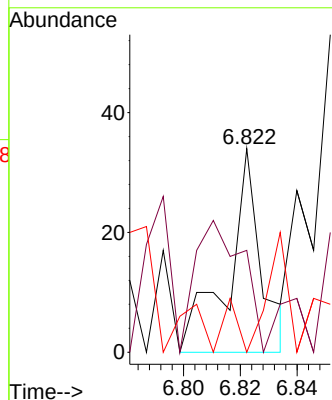
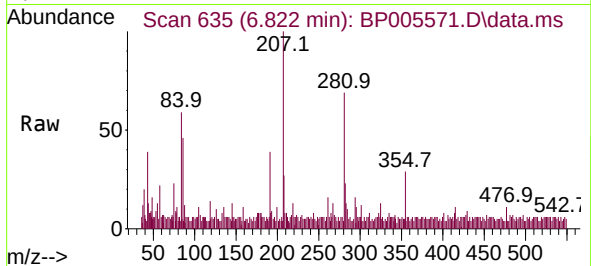




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

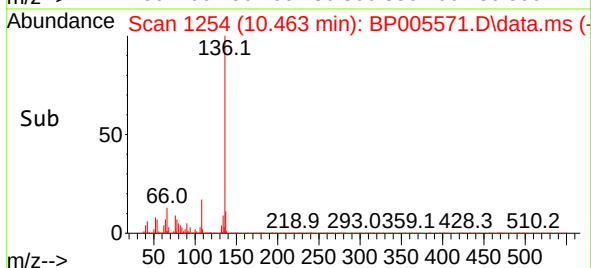
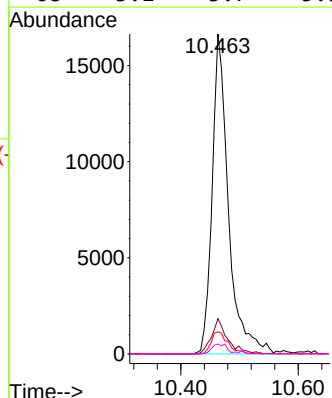
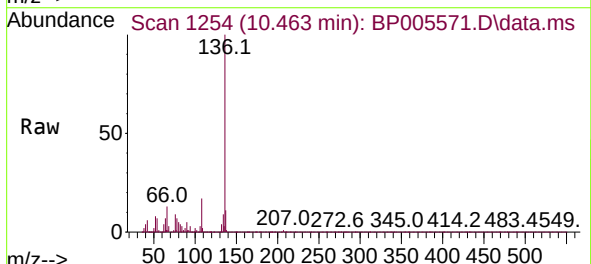
Instrument :
BNA_P
ClientSampleId :
PB136402BL

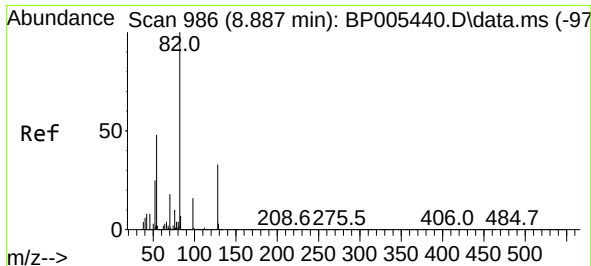
Tgt Ion: 77 Resp: 28
Ion Ratio Lower Upper
77 100
105 50.0 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion:136 Resp: 32037
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 5.0 7.4
68 3.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 86.47 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.012 min

Lab File: BP005571.D

Acq: 15 May 2021 16:40

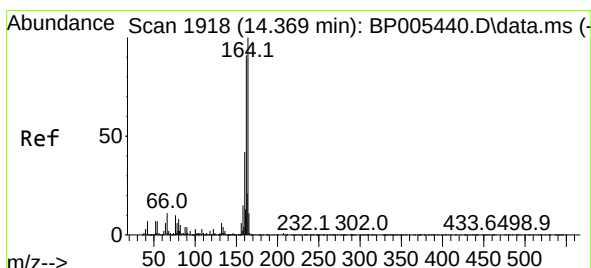
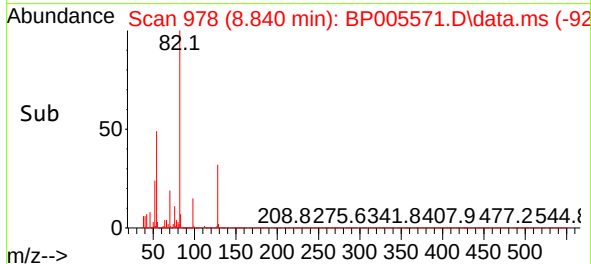
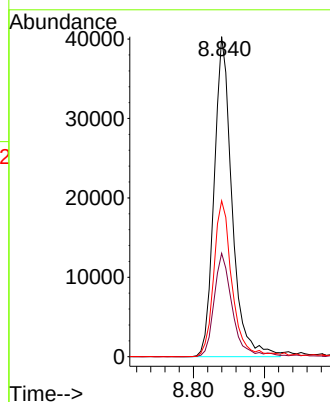
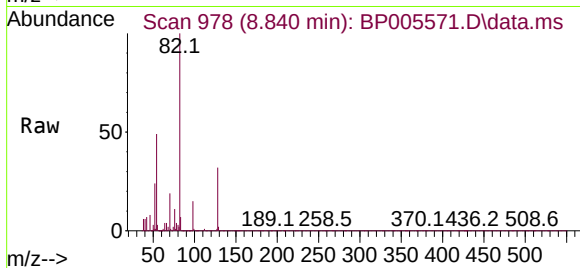
Instrument :

BNA_P

ClientSampleId :

PB136402BL

Tgt Ion: 82	Resp: 70381
Ion Ratio	Lower Upper
82 100	
128 32.3	30.5 45.7
54 48.7	33.9 50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

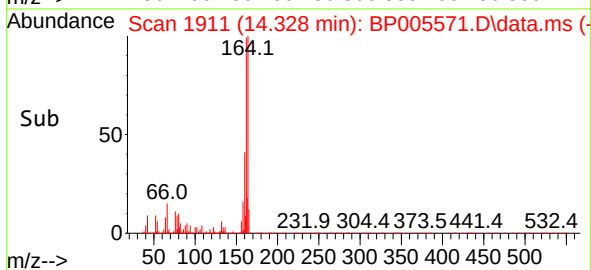
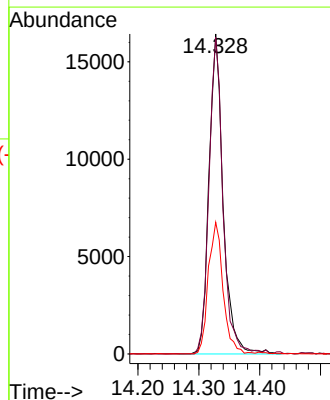
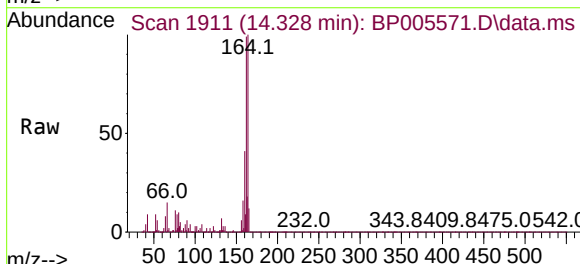
RT: 14.328 min Scan# 1911

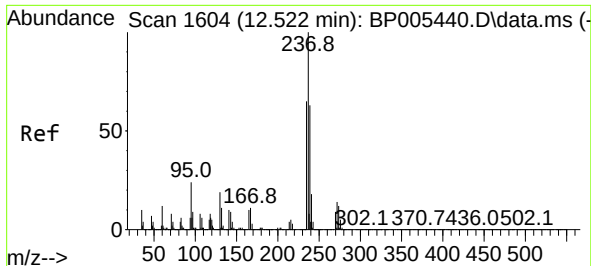
Delta R.T. -0.006 min

Lab File: BP005571.D

Acq: 15 May 2021 16:40

Tgt Ion: 164	Resp: 26501
Ion Ratio	Lower Upper
164 100	
162 99.0	73.5 110.3
160 41.2	40.6 61.0

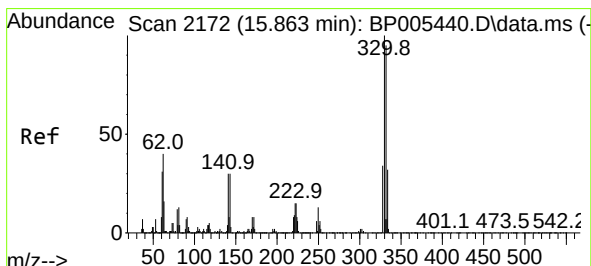
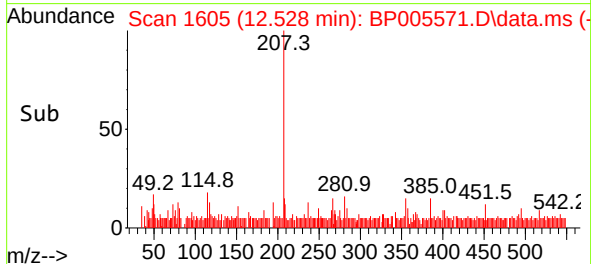
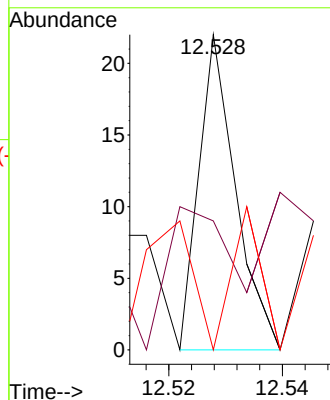
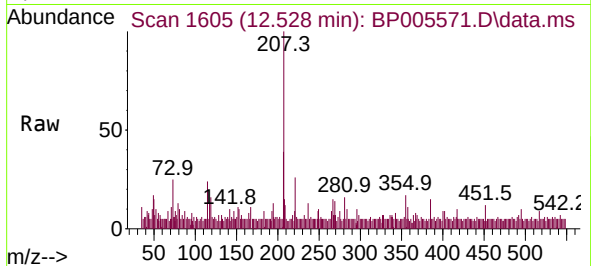




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.047 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

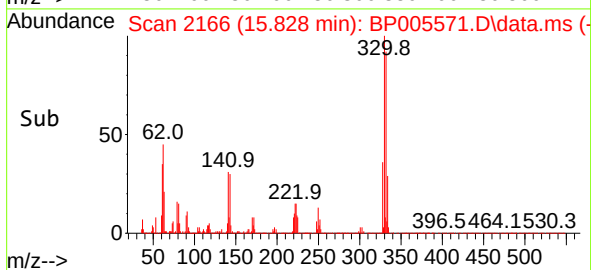
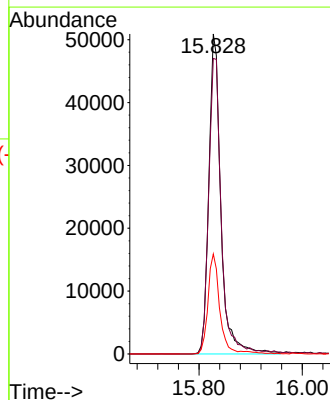
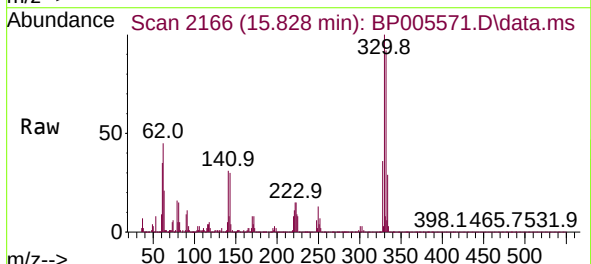
Instrument :
BNA_P
ClientSampleId :
PB136402BL

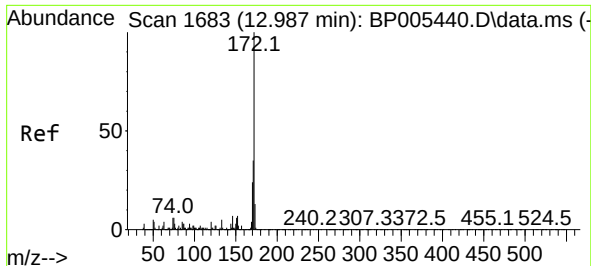
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	40.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 109.24 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion:	330	Resp:	82152
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.3	114.5
141	31.2	22.8	34.2

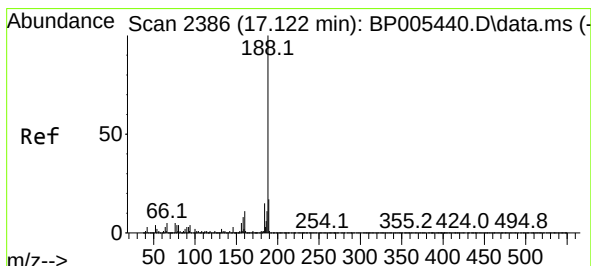
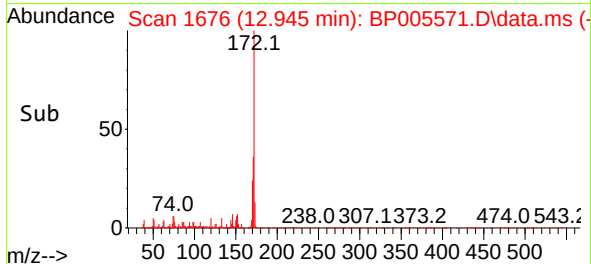
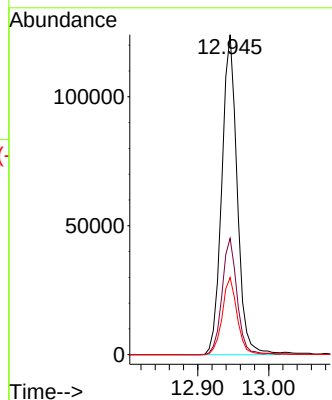
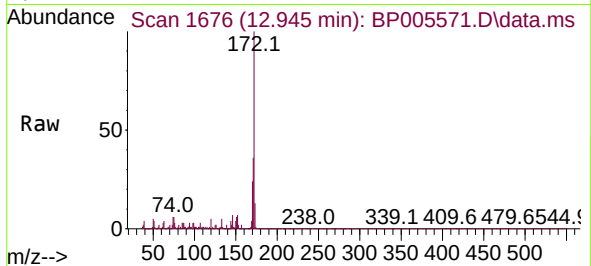




#45
2-Fluorobiphenyl
Concen: 79.20 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

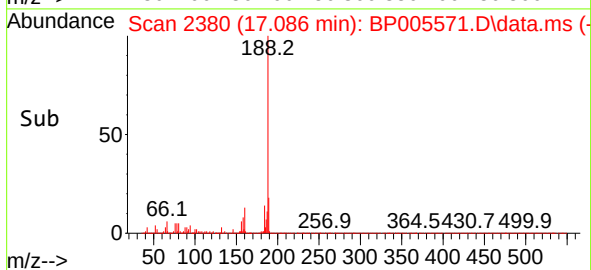
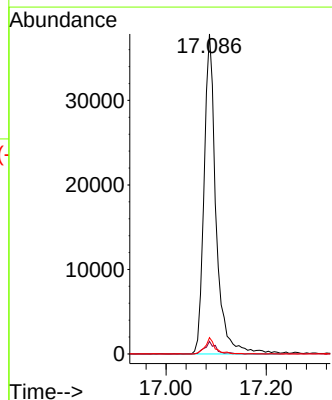
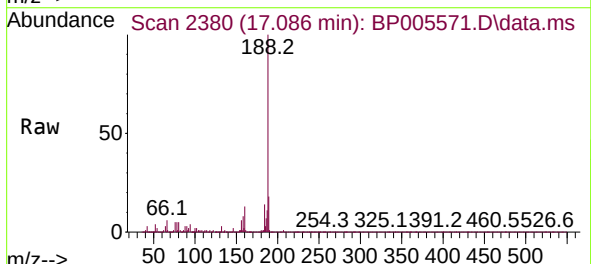
Instrument :
BNA_P
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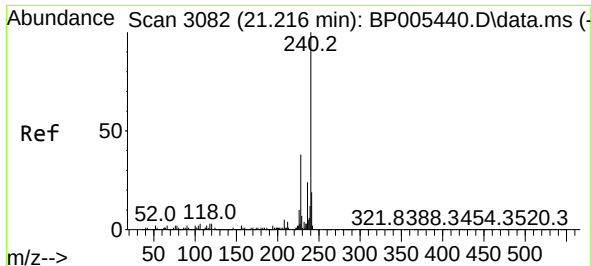
Tgt Ion:172 Resp: 186062
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.1 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion:188 Resp: 62839
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 5.1 5.9 8.9#

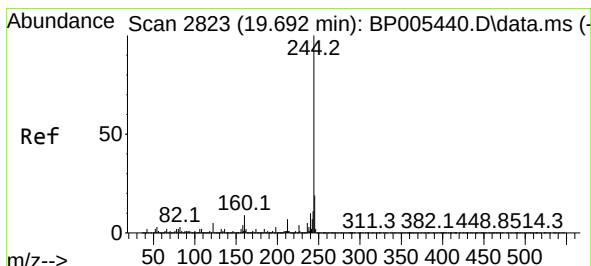
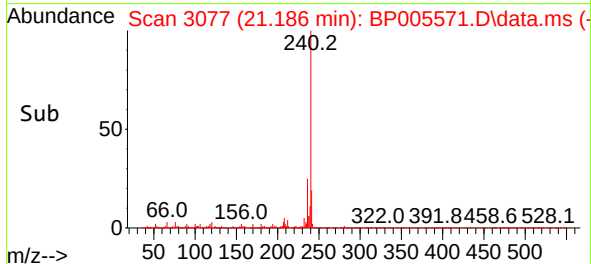
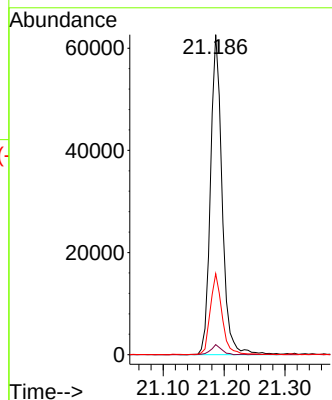
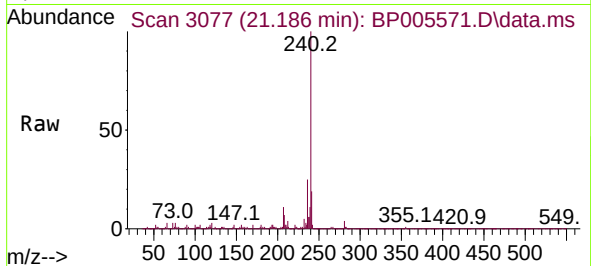




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

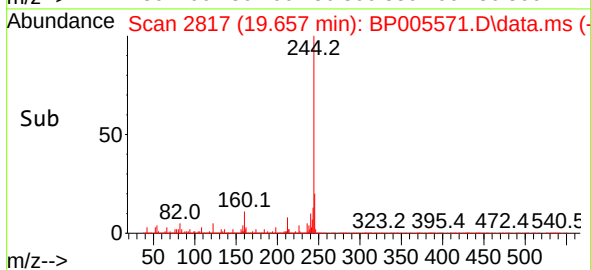
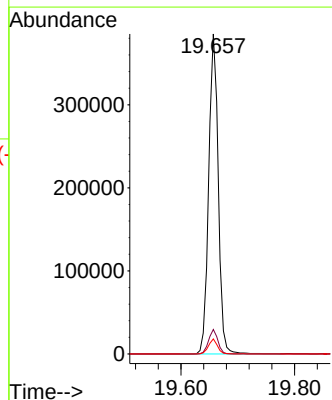
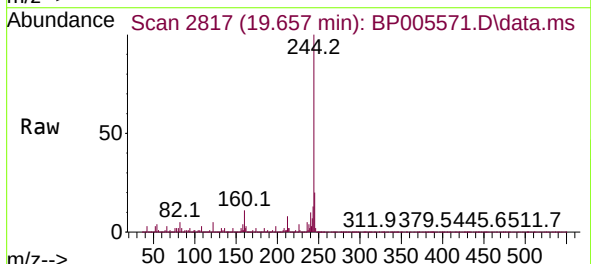
Instrument :
BNA_P
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PB136402BL

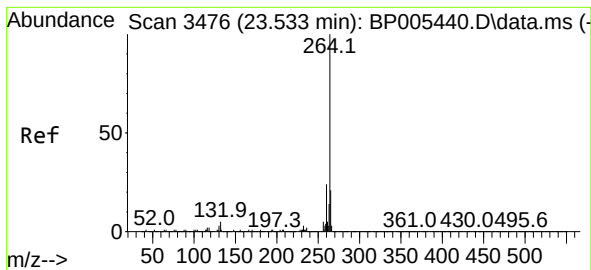
Tgt Ion:240 Resp: 83195
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 91.32 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Tgt Ion:244 Resp: 447357
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 4.7 5.2 7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BP005571.D
Acq: 15 May 2021 16:40

Instrument :
BNA_P
ClientSampleId :
PB136402BL

Tgt Ion:264 Resp: 106969
Ion Ratio Lower Upper
264 100
260 22.4 20.6 30.8
265 22.6 19.0 28.6

