

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005971.D
 Acq On : 18 Jun 2021 14:48
 Operator : CG/JU
 Sample : PB137192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137192BL

Quant Time: Jun 18 15:49:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

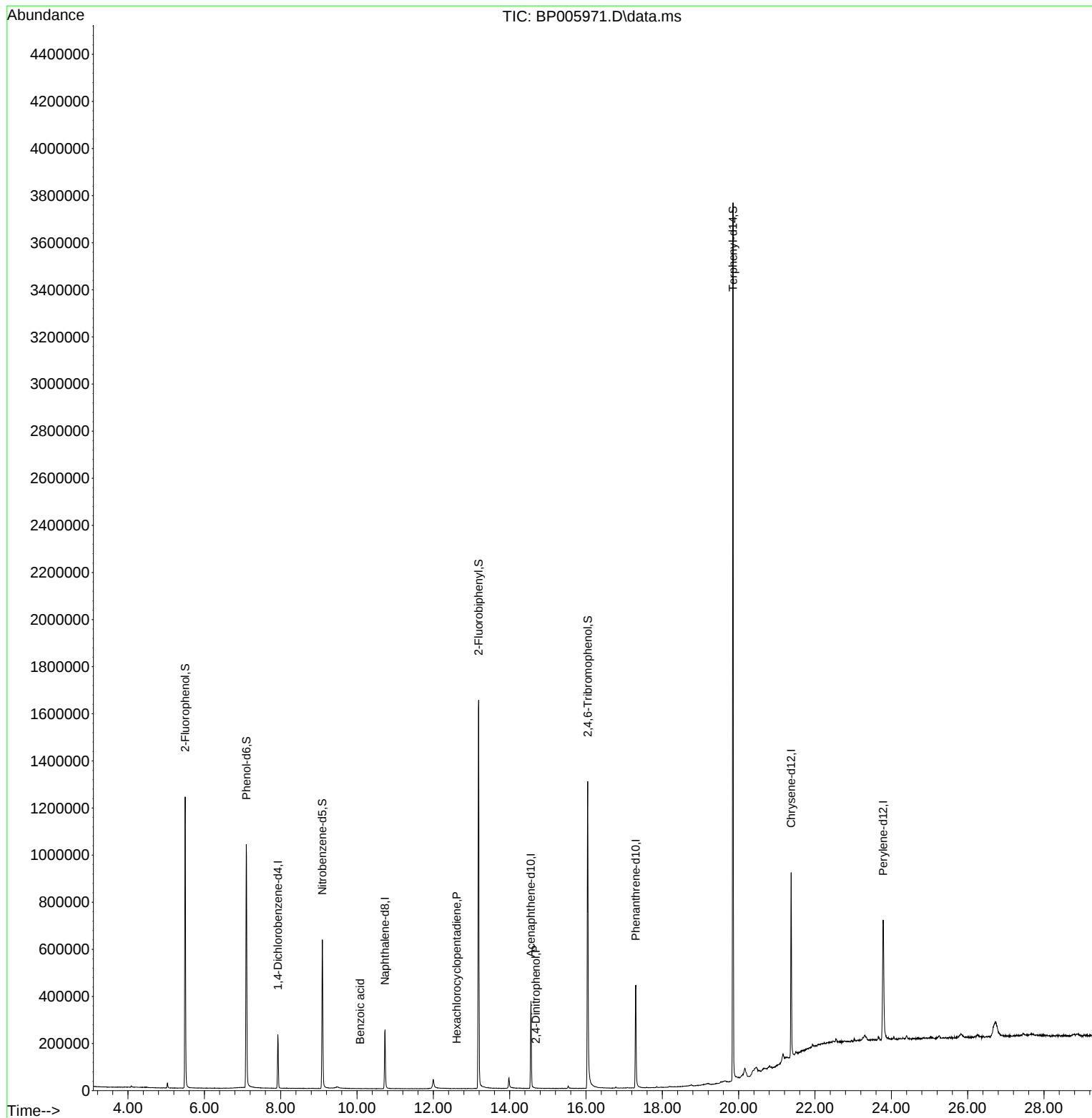
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	63109	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	228800	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	136829	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	306157	20.000	ng	0.00
76) Chrysene-d12	21.374	240	393981	20.000	ng	0.00
86) Perylene-d12	23.786	264	463846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	558247	141.942	ng	0.00
7) Phenol-d6	7.098	99	630241	123.634	ng	0.00
23) Nitrobenzene-d5	9.092	82	392092	84.017	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	320485	136.488	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	906853	87.030	ng	0.00
79) Terphenyl-d14	19.851	244	1770141	84.130	ng	0.00
Target Compounds						
32) Benzoic acid	10.081	122	12	6.323	ng	# 1
41) Hexachlorocyclopentadiene	12.610	237	22	5.512	ng	82
54) 2,4-Dinitrophenol	14.686	184	20	4.861	ng	# 41

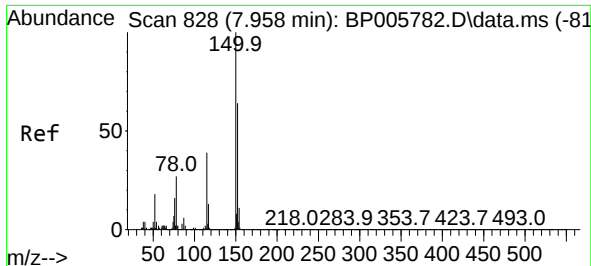
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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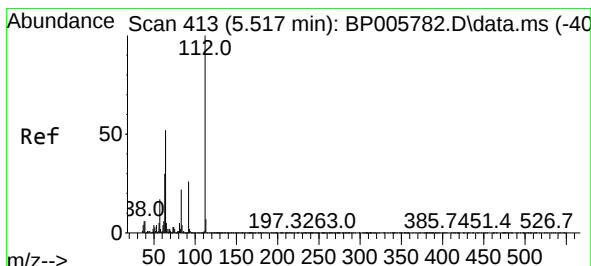
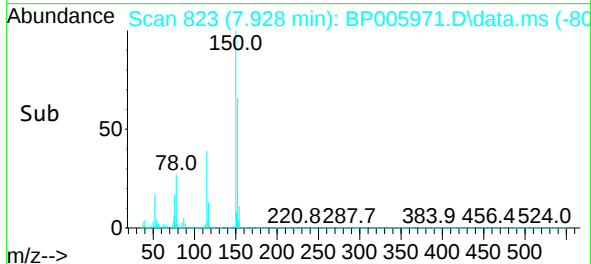
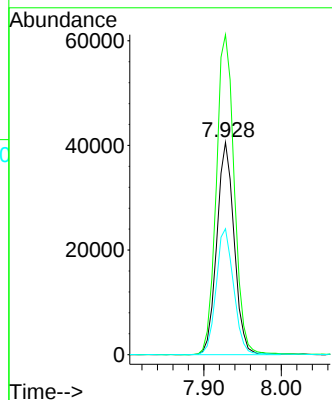
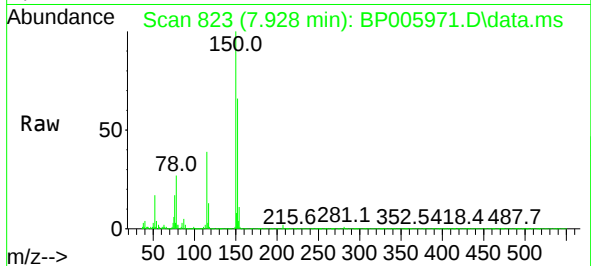




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

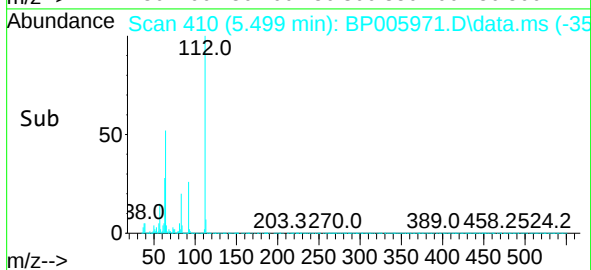
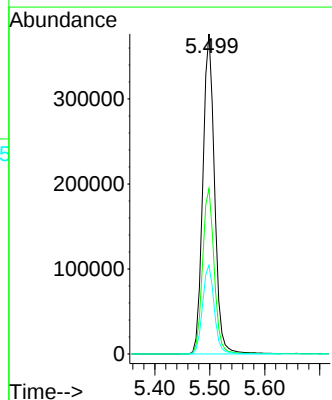
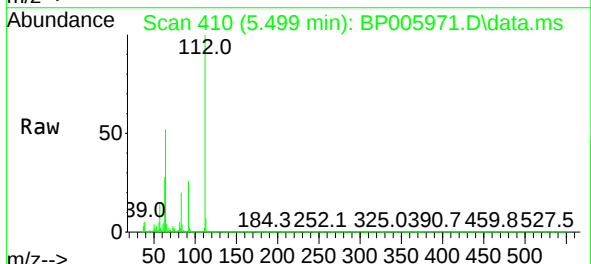
Instrument :
BNA_P
ClientSampleId :
PB137192BL

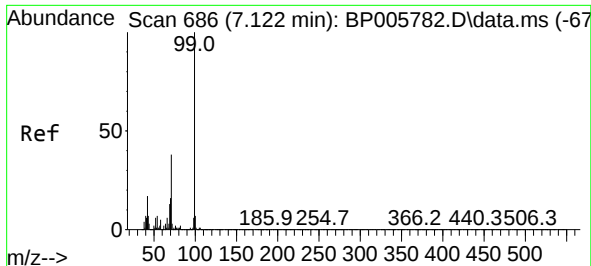
Tgt Ion:152 Resp: 63109
Ion Ratio Lower Upper
152 100
150 150.7 125.6 188.4
115 59.3 48.5 72.7



#5
2-Fluorophenol
Concen: 141.942 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Tgt Ion:112 Resp: 558247
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 27.7 23.8 35.8

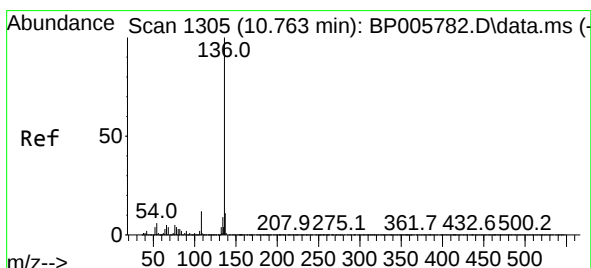
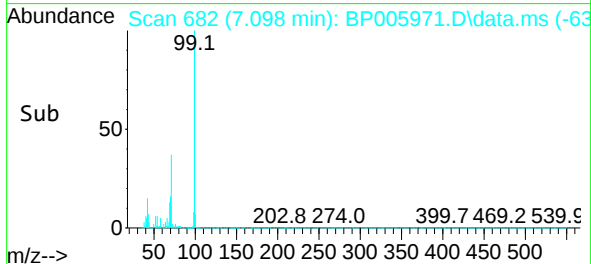
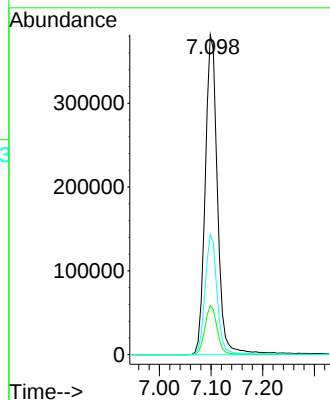
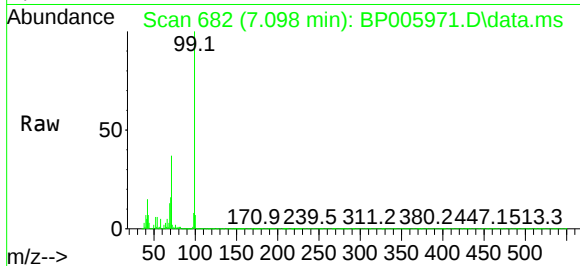




#7
Phenol-d6
Concen: 123.634 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

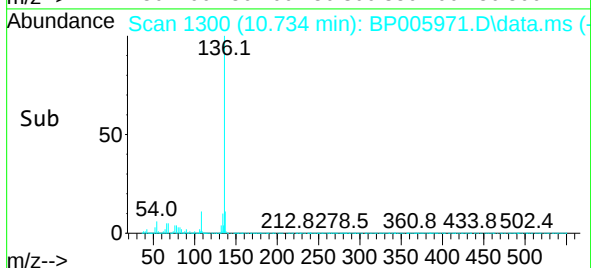
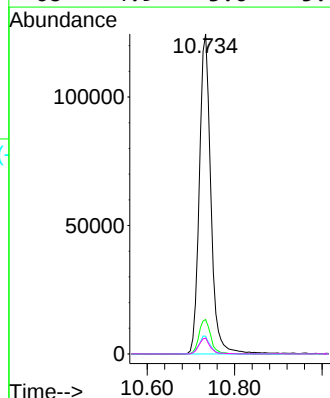
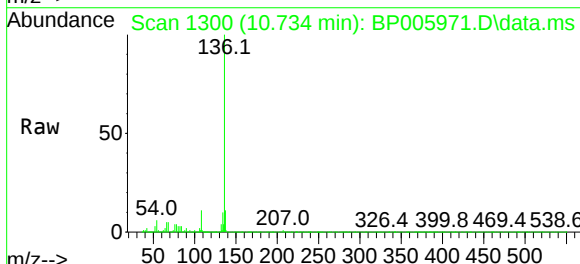
Instrument :
BNA_P
ClientSampleId :
PB137192BL

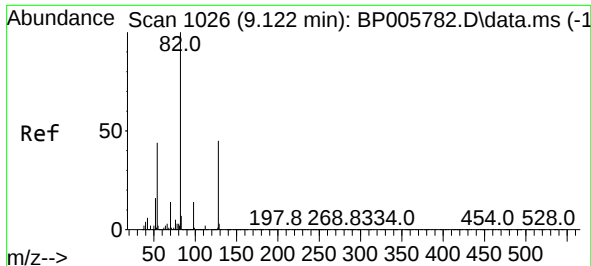
Tgt Ion:	99	Resp:	630241
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.4	20.0
71	37.4	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Tgt Ion:	136	Resp:	228800
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	5.5	4.6	6.8
68	4.9	3.6	5.4

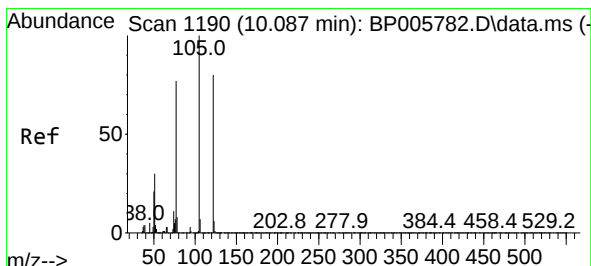
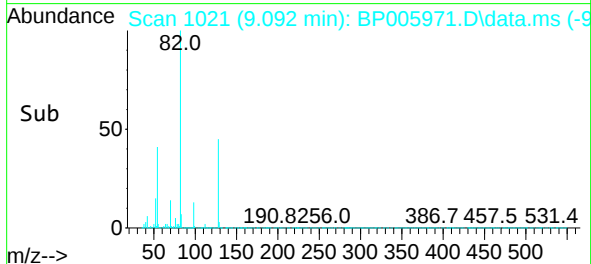
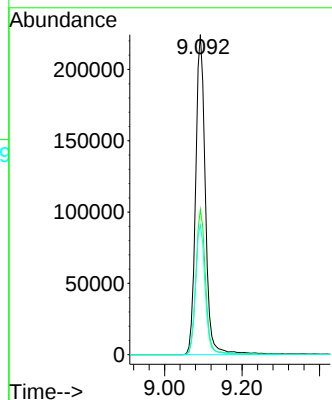
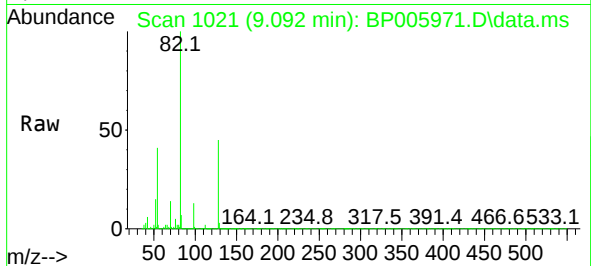




#23
Nitrobenzene-d5
Concen: 84.017 ng
RT: 9.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

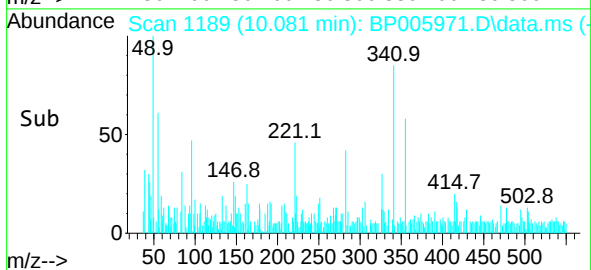
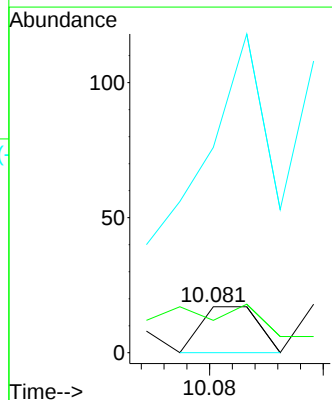
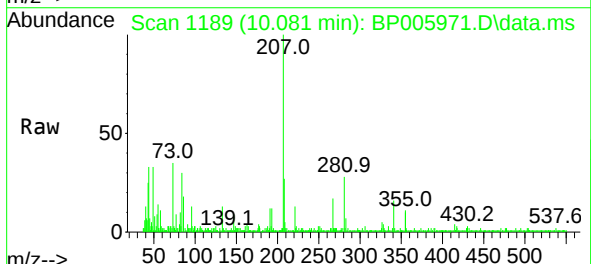
Instrument :
BNA_P
ClientSampleId :
PB137192BL

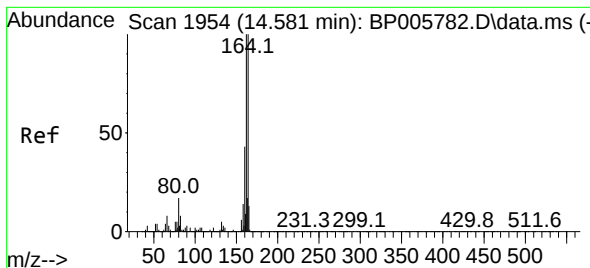
Tgt Ion: 82 Resp: 392092
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 40.5 35.0 52.4



#32
Benzoic acid
Concen: 6.323 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 70.6 103.2 143.2#
77 447.1 76.2 116.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP005971.D

Acq: 18 Jun 2021 14:48

Instrument :

BNA_P

ClientSampleId :

PB137192BL

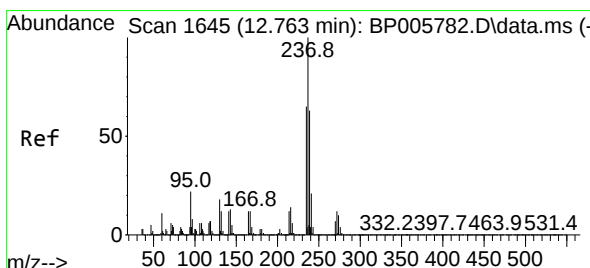
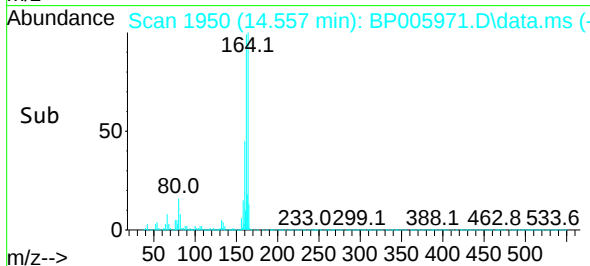
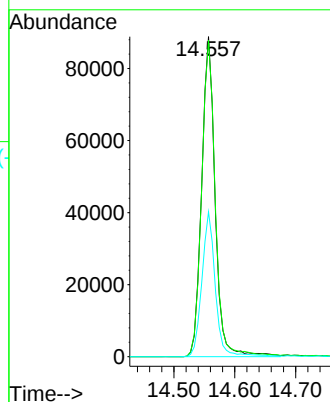
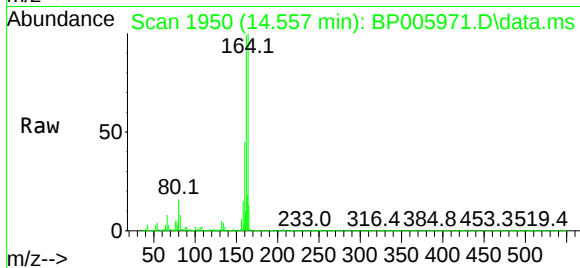
Tgt Ion:164 Resp: 136829

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 45.2 34.5 51.7



#41

Hexachlorocyclopentadiene

Concen: 5.512 ng

RT: 12.610 min Scan# 1619

Delta R.T. -0.124 min

Lab File: BP005971.D

Acq: 18 Jun 2021 14:48

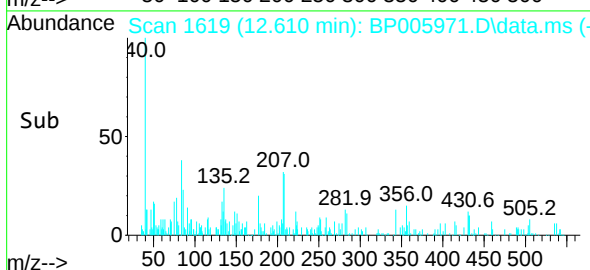
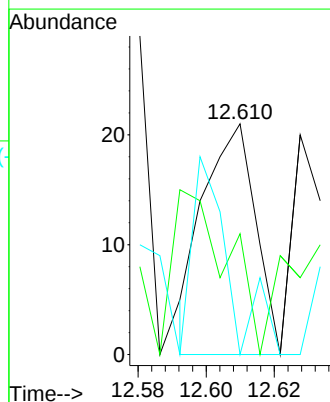
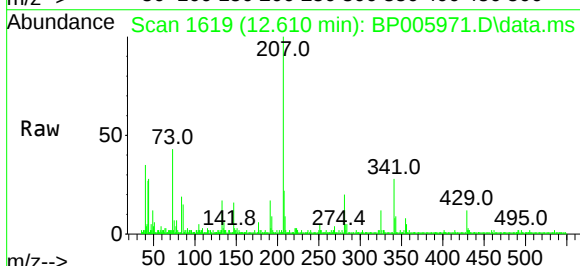
Tgt Ion:237 Resp: 22

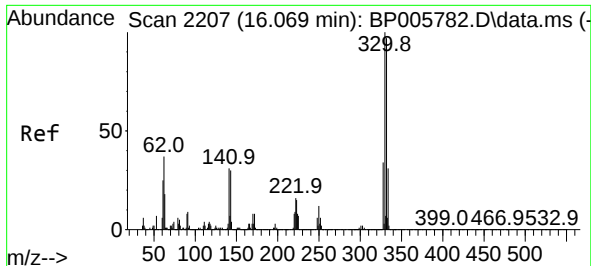
Ion Ratio Lower Upper

237 100

235 52.4 44.5 84.5

272 0.0 0.0 32.5

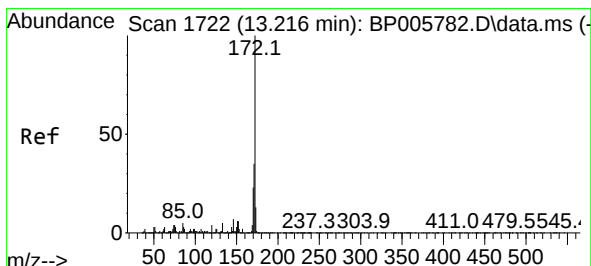
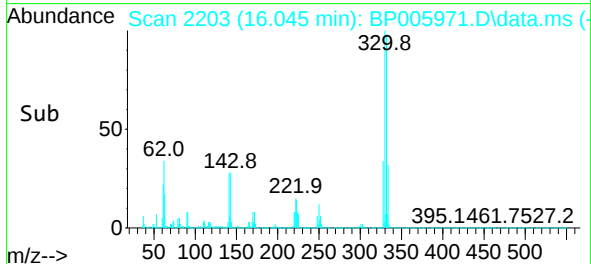
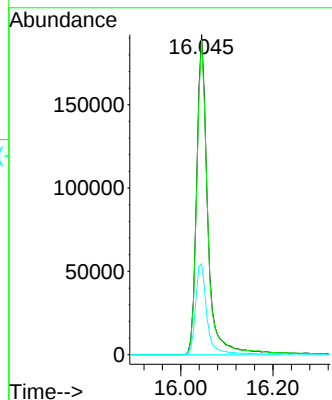
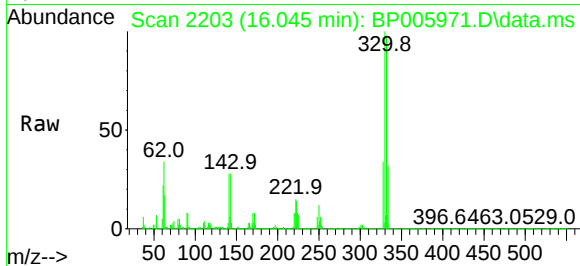




#42
2,4,6-Tribromophenol
Concen: 136.488 ng
RT: 16.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

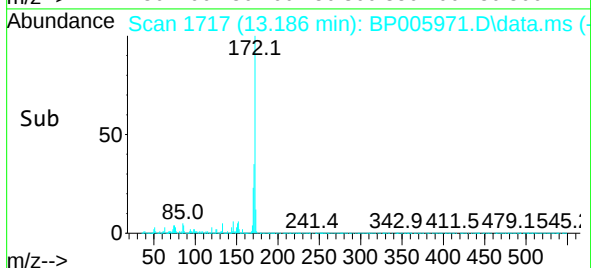
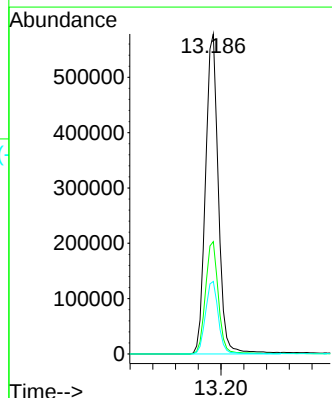
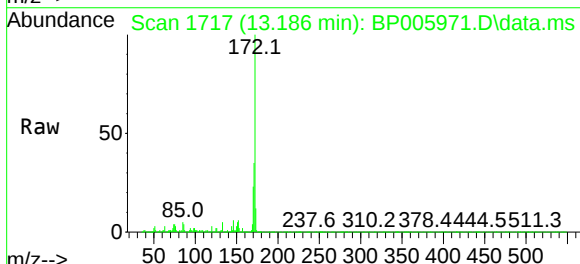
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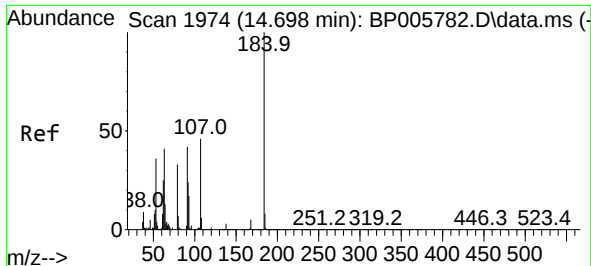
Tgt Ion:330 Resp: 320485
Ion Ratio Lower Upper
330 100
332 98.1 77.8 116.8
141 29.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 87.030 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Tgt Ion:172 Resp: 906853
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.7 18.6 27.8

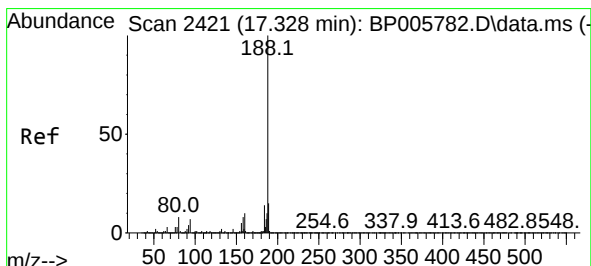
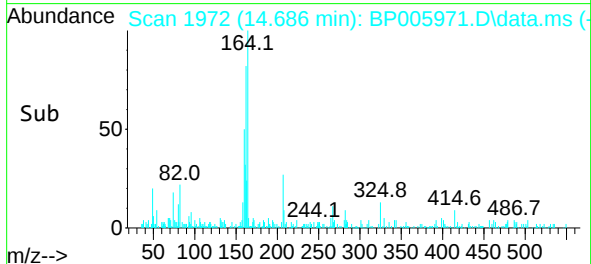
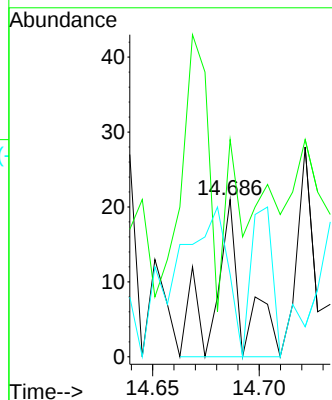
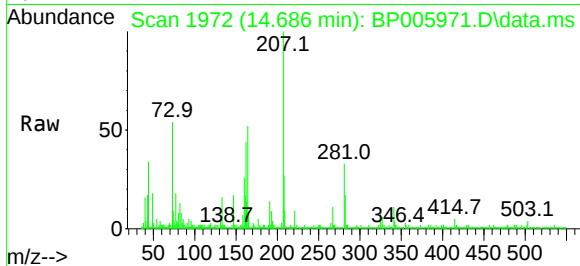




#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

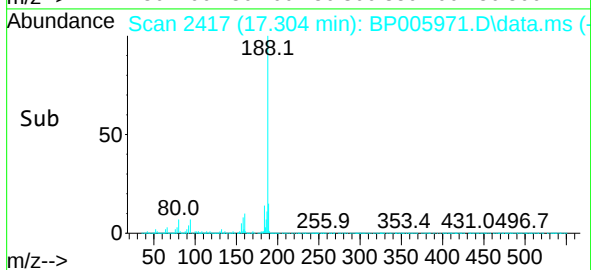
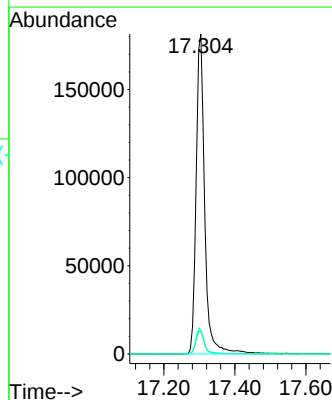
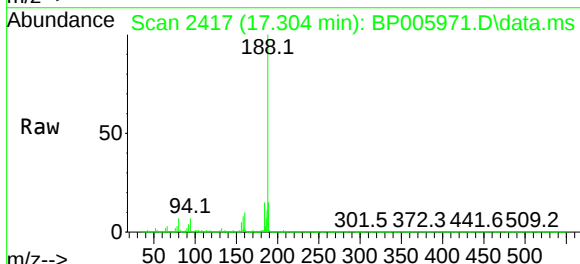
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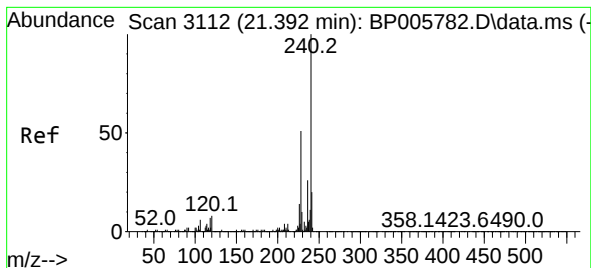
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 138.1 47.0 70.6#
154 52.4 52.3 78.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Tgt Ion:188 Resp: 306157
Ion Ratio Lower Upper
188 100
94 6.9 5.6 8.4
80 7.4 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP005971.D

Acq: 18 Jun 2021 14:48

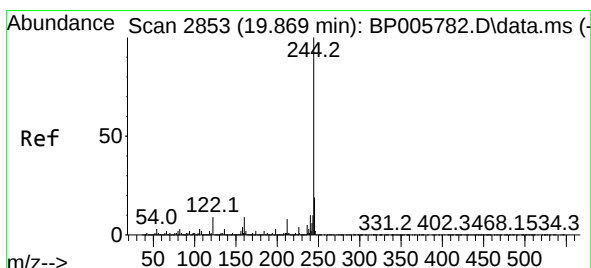
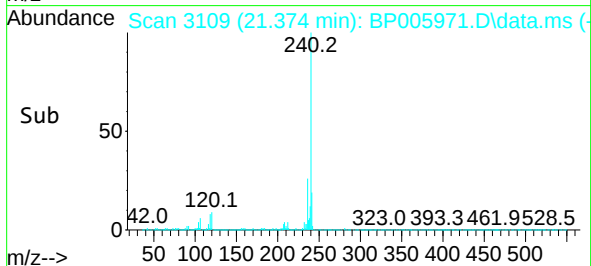
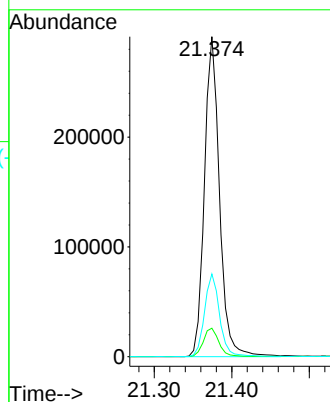
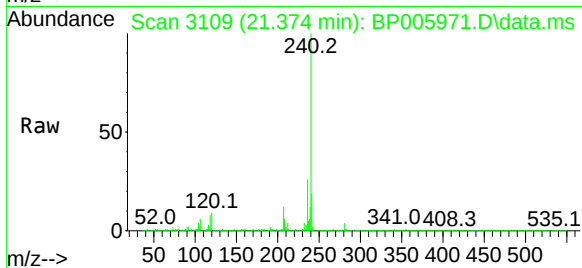
Instrument :

BNA_P

ClientSampleId :

PB137192BL

Tgt Ion:240	Resp: 393981
Ion Ratio	Lower Upper
240	100
120	8.9 6.5 9.7
236	25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 84.130 ng

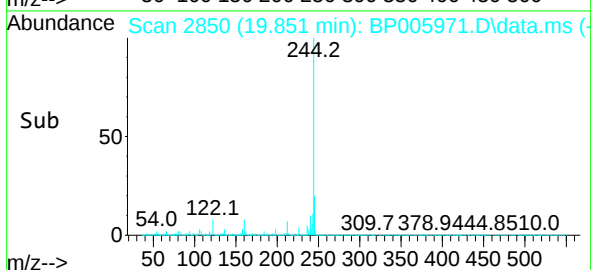
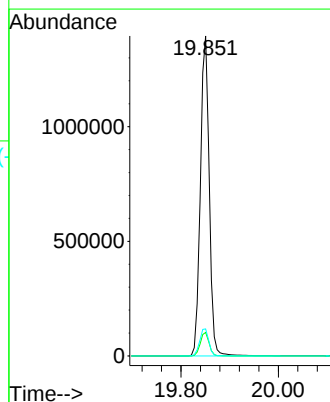
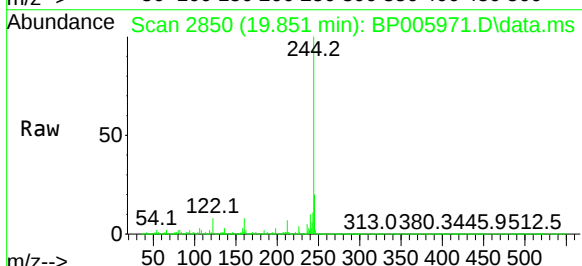
RT: 19.851 min Scan# 2850

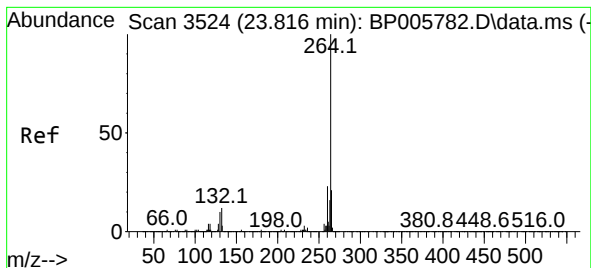
Delta R.T. -0.006 min

Lab File: BP005971.D

Acq: 18 Jun 2021 14:48

Tgt Ion:244	Resp: 1770141
Ion Ratio	Lower Upper
244	100
212	7.4 6.0 9.0
122	8.5 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005971.D
Acq: 18 Jun 2021 14:48

Instrument :
BNA_P
ClientSampleId :
PB137192BL

Tgt Ion:264 Resp: 463846

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.6	17.6	26.4

