

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005849.D
 Acq On : 10 Jun 2021 21:34
 Operator : CG/JU
 Sample : M2657-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HT-PIER

Quant Time: Jun 11 07:01:53 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 09 11:54:55 2021
 Response via : Initial Calibration

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

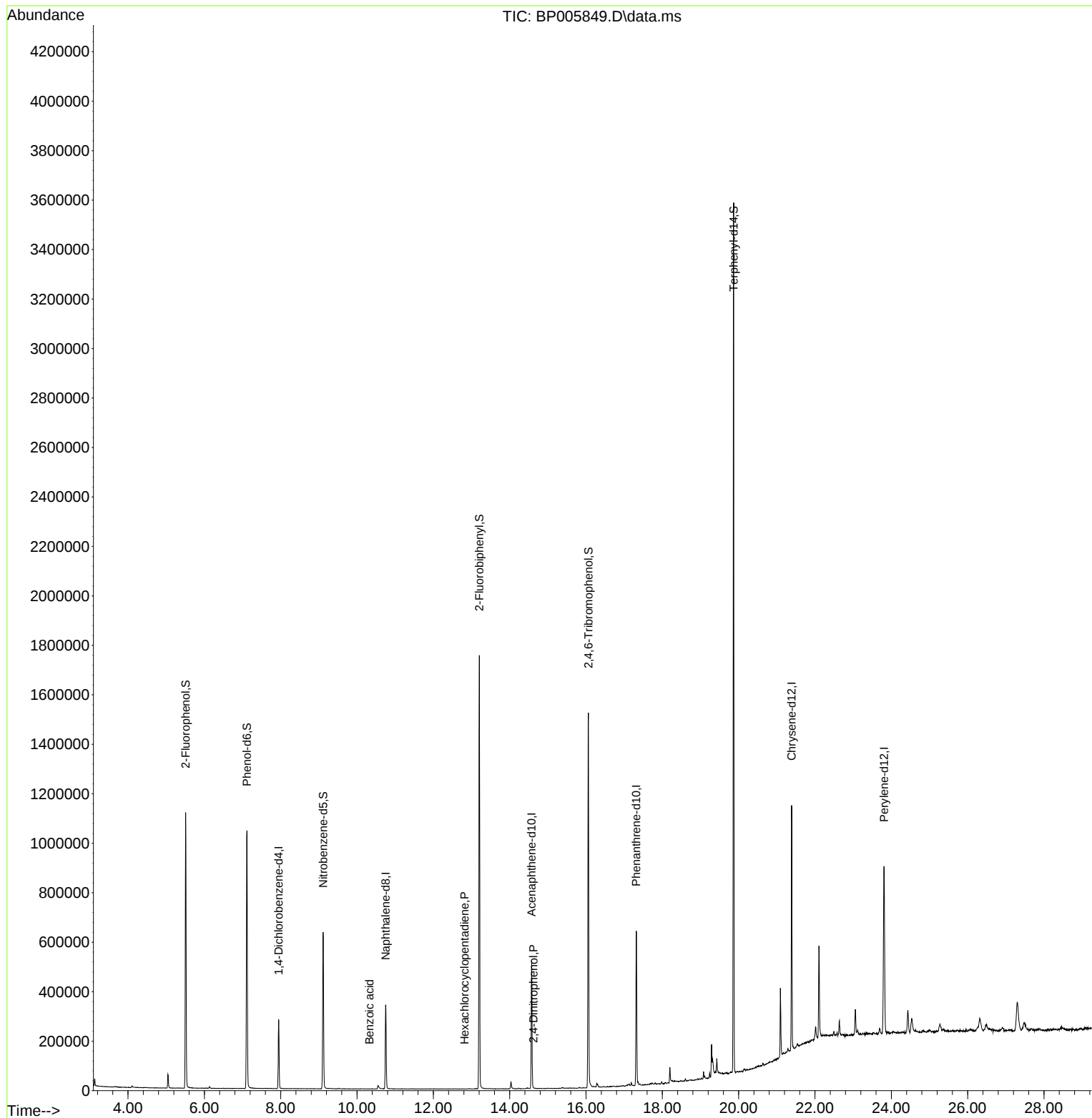
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	76716	20.00	ng	-0.01
21) Naphthalene-d8	10.751	136	286180	20.00	ng	-0.01
39) Acenaphthene-d10	14.575	164	178126	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	388915	20.00	ng	-0.01
76) Chrysene-d12	21.386	240	479174	20.00	ng	0.00
86) Perylene-d12	23.809	264	534125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	484778	101.40	ng	0.00
7) Phenol-d6	7.116	99	601065	97.00	ng	0.00
23) Nitrobenzene-d5	9.110	82	372995	63.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	307651	100.65	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	879465	64.83	ng	-0.01
79) Terphenyl-d14	19.868	244	1619435	63.28	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.322	122	11	6.32	ng	85
41) Hexachlorocyclopentadiene	12.822	237	11	5.51	ng	77
54) 2,4-Dinitrophenol	14.622	184	14	4.86	ng	94

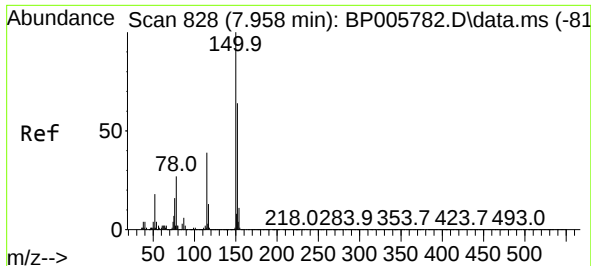
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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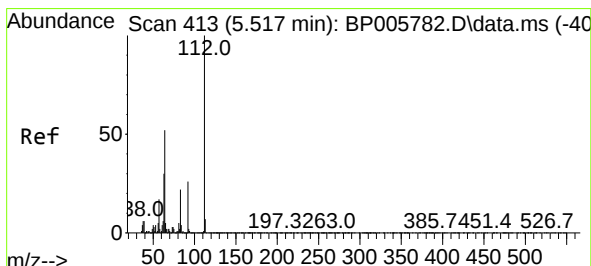
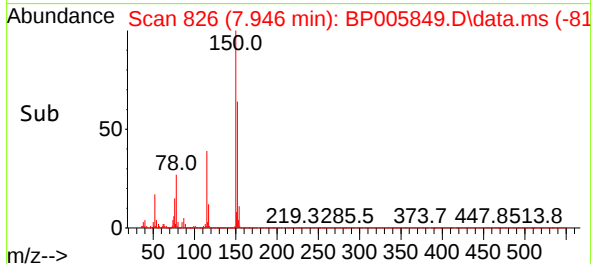
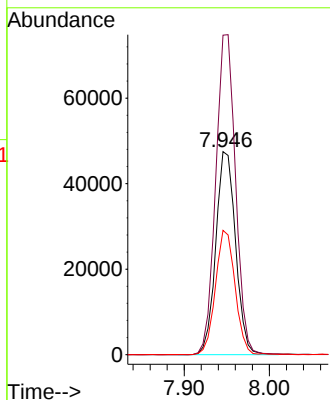
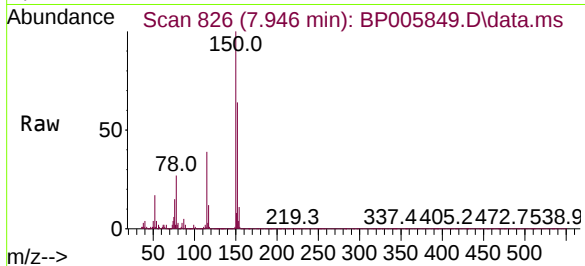




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.946 min Scan# 826
Delta R.T. -0.012 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

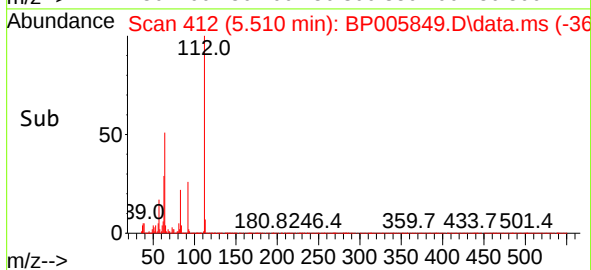
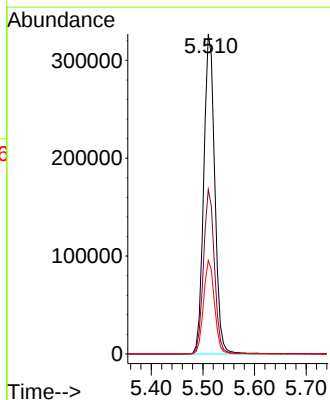
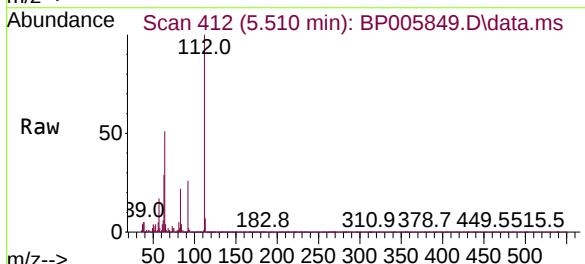
Instrument :
BNA_P
ClientSampleId :
HT-PIER

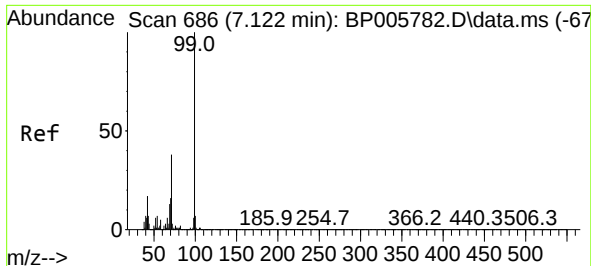
Tgt Ion:152 Resp: 76716
Ion Ratio Lower Upper
152 100
150 157.3 125.6 188.4
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 101.40 ng
RT: 5.510 min Scan# 412
Delta R.T. -0.007 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion:112 Resp: 484778
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 29.2 23.8 35.8

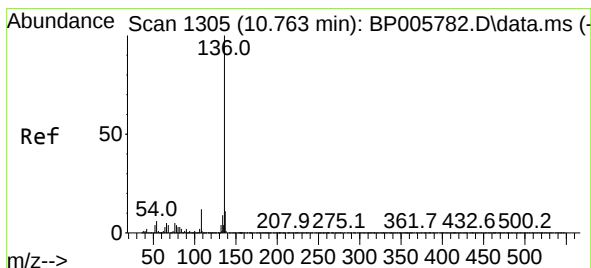
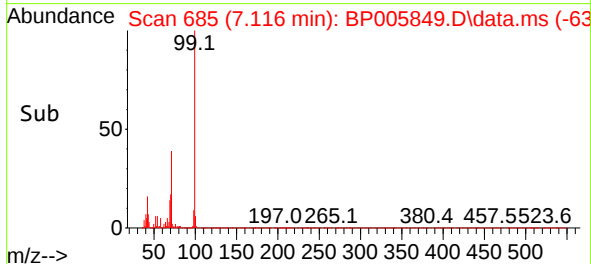
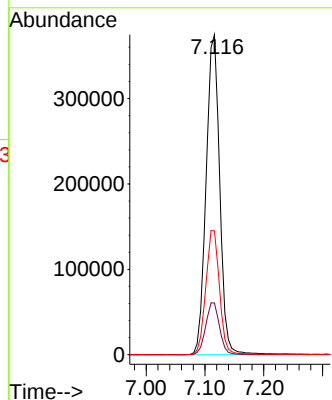
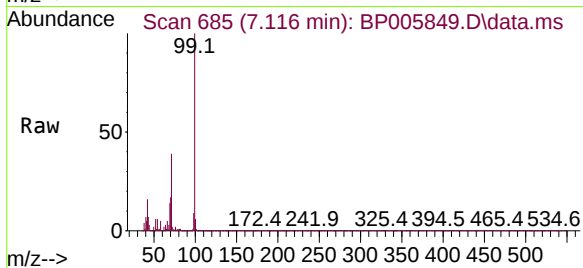




#7
Phenol-d6
Concen: 97.00 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

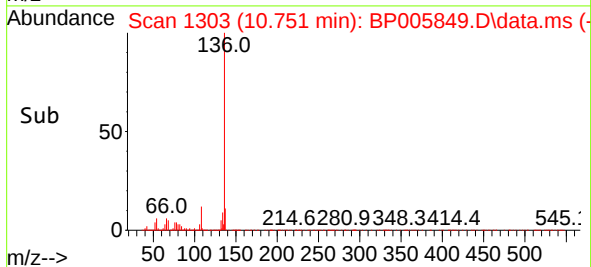
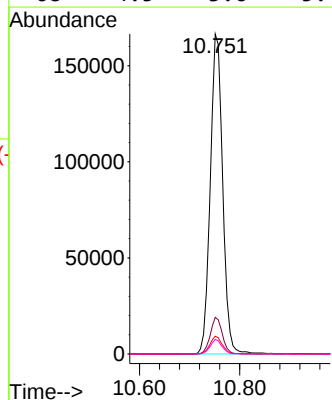
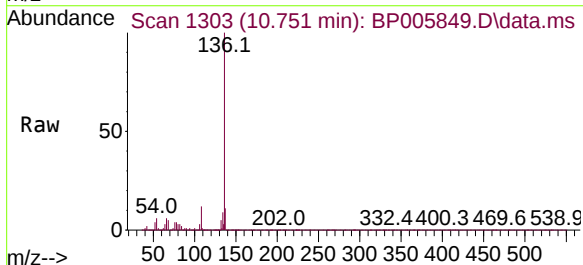
Instrument :
BNA_P
ClientSampleId :
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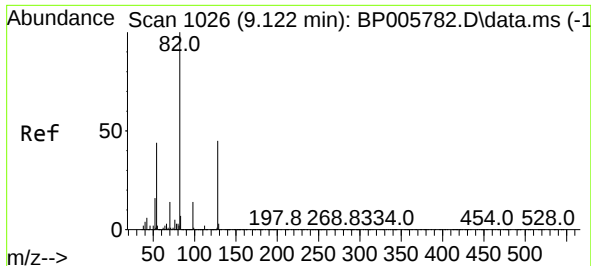
Tgt Ion:	99	Resp:	601065
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.4	20.0
71	38.7	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion:	136	Resp:	286180
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	5.6	4.6	6.8
68	4.5	3.6	5.4

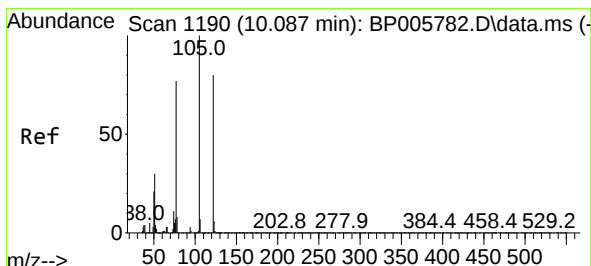
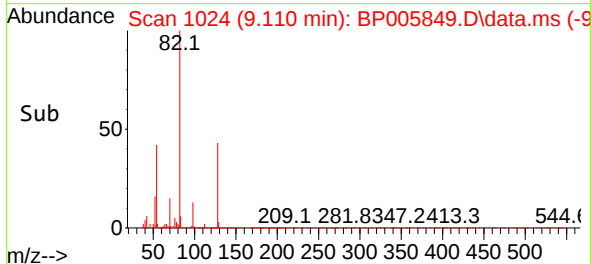
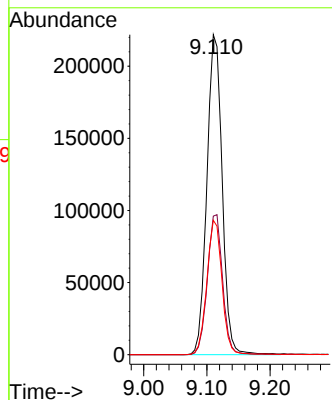
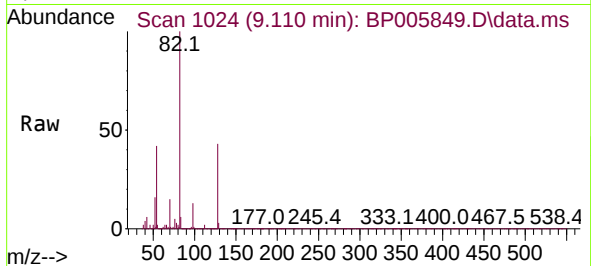




#23
Nitrobenzene-d5
Concen: 63.90 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

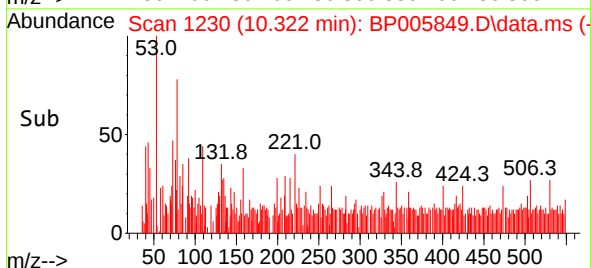
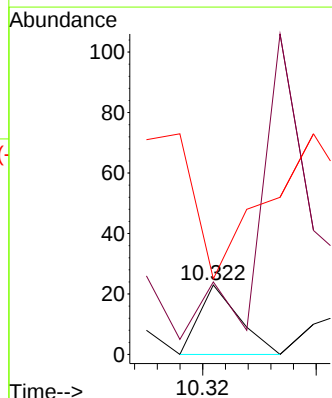
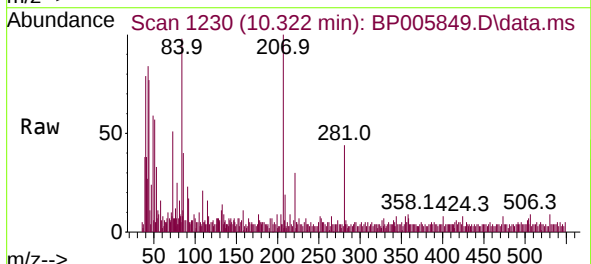
Instrument :
BNA_P
ClientSampleId :
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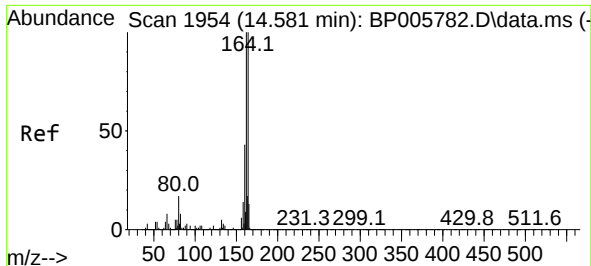
Tgt Ion: 82 Resp: 372995
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 42.0 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.322 min Scan# 1230
Delta R.T. 0.235 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 104.3 103.2 143.2
77 108.7 76.2 116.2

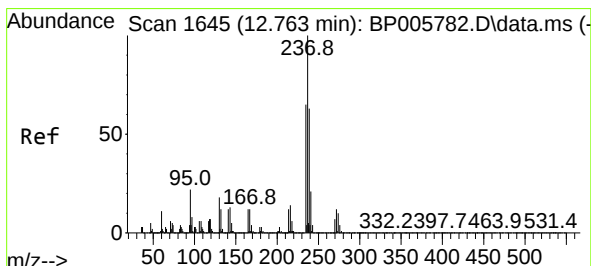
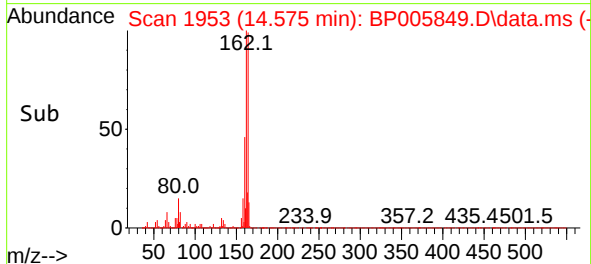
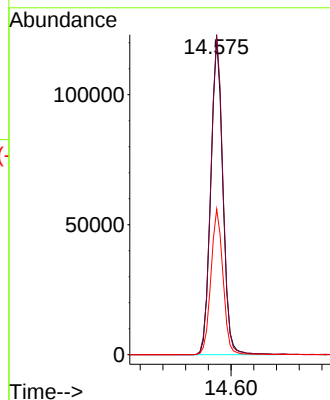
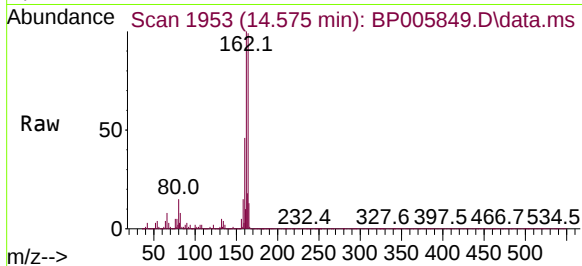




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

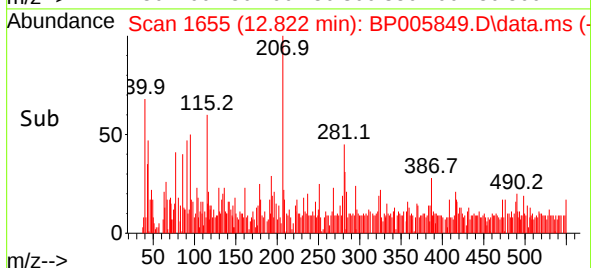
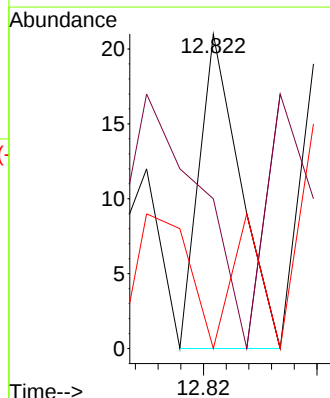
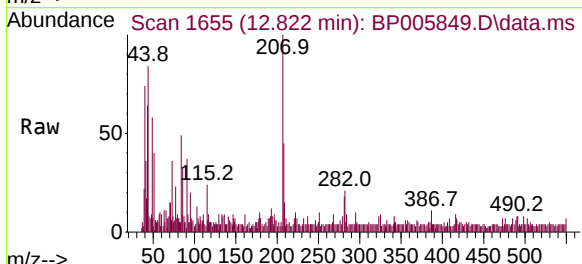
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ClientSampleId :
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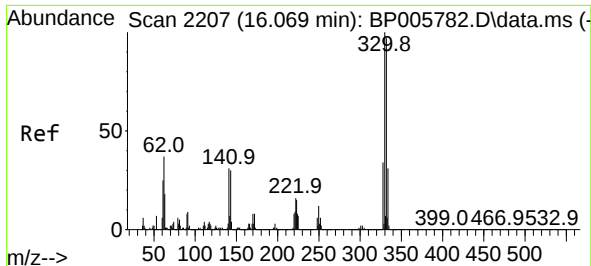
Tgt Ion:164	Resp:	178126
Ion Ratio	Lower	Upper
164	100	
162	101.2	80.2 120.2
160	46.0	34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.822 min Scan# 1655
Delta R.T. 0.059 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion:237	Resp:	11
Ion Ratio	Lower	Upper
237	100	
235	47.6	44.5 84.5
272	0.0	0.0 32.5

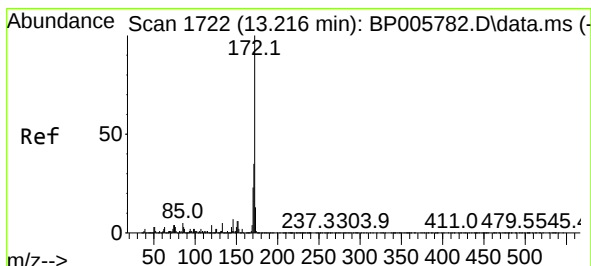
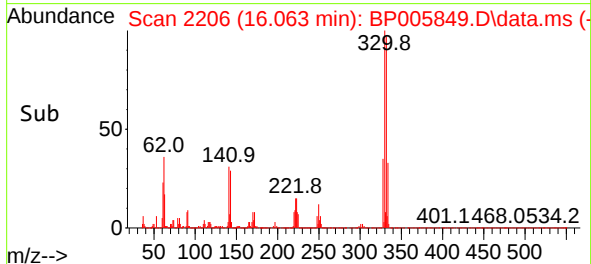
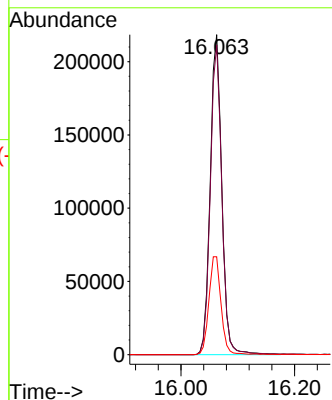
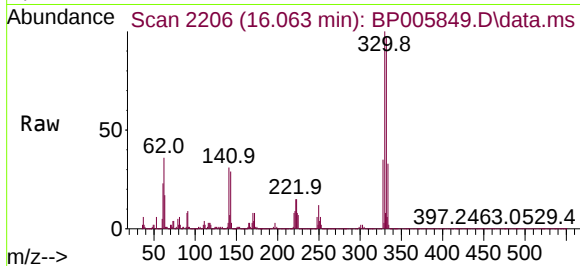




#42
2,4,6-Tribromophenol
Concen: 100.65 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

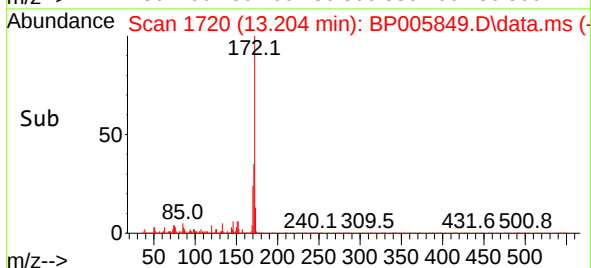
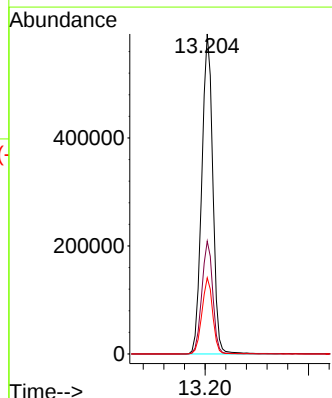
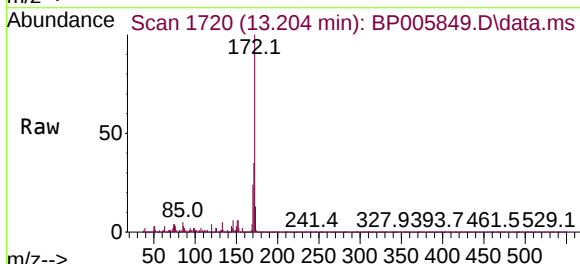
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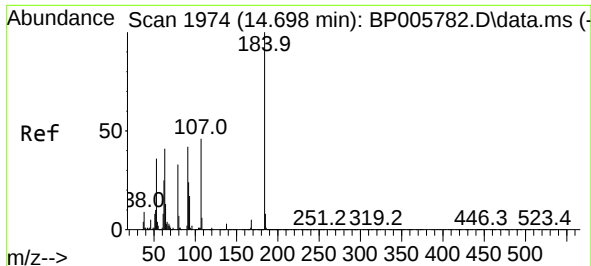
Tgt Ion: 330 Resp: 307651
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 32.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.83 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion: 172 Resp: 879465
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.8 18.6 27.8

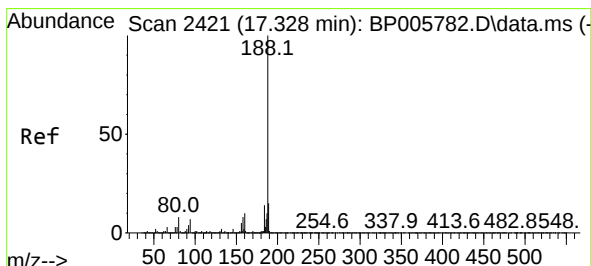
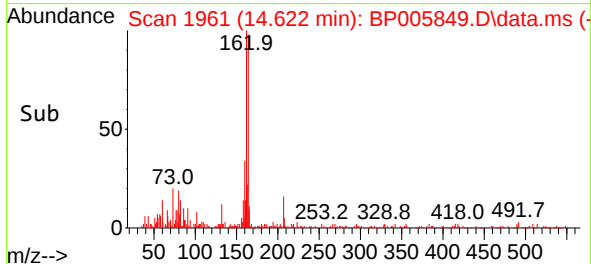
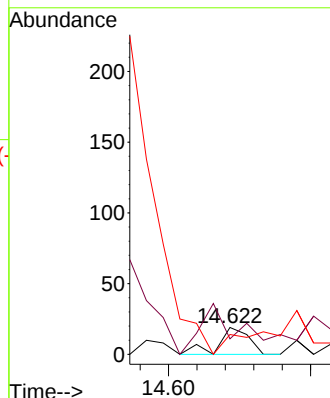
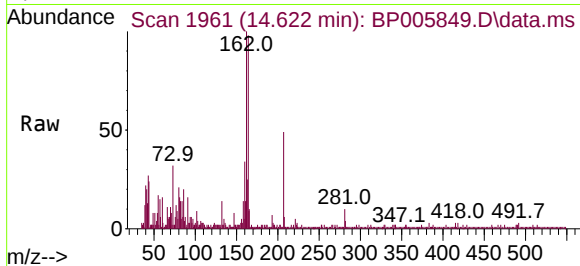




#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.076 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

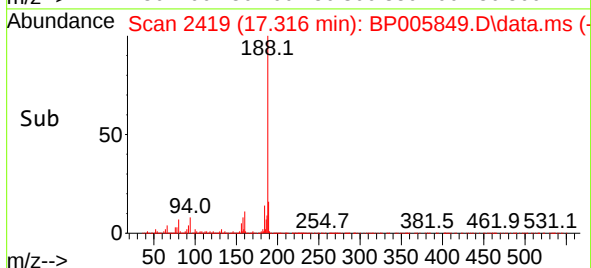
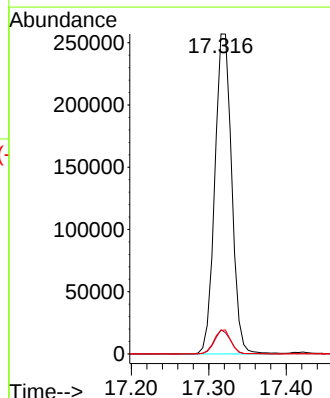
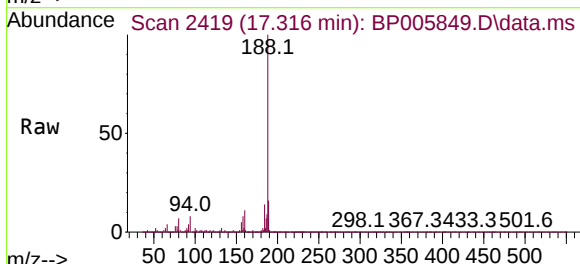
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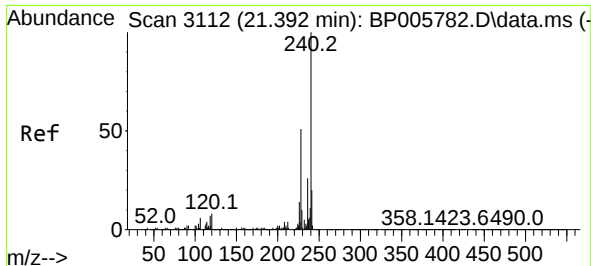
Tgt Ion:184	Resp:	14
Ion Ratio	Lower	Upper
184	100	
63	57.9	47.0 70.6
154	73.7	52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion:188	Resp:	388915
Ion Ratio	Lower	Upper
188	100	
94	7.6	5.6 8.4
80	7.4	6.3 9.5

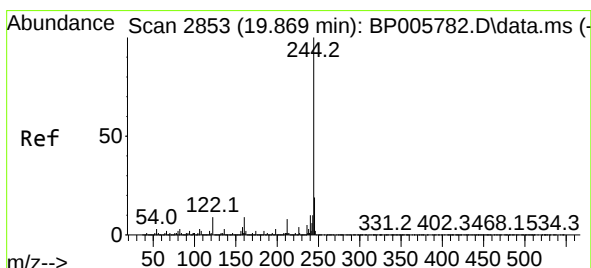
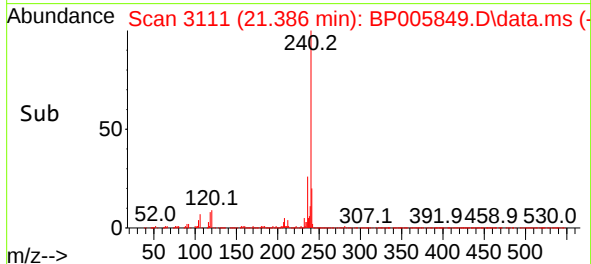
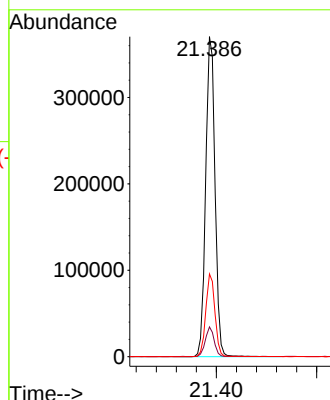
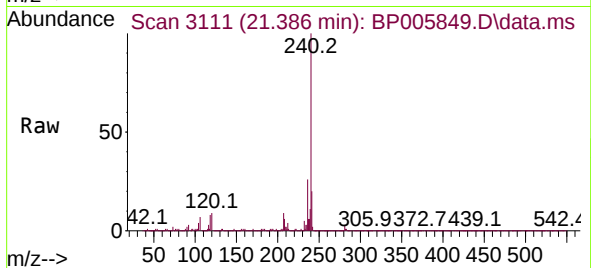




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

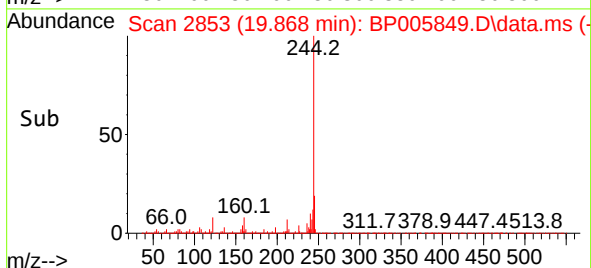
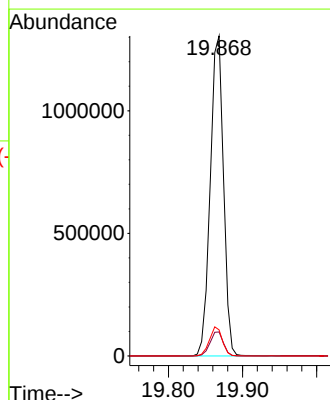
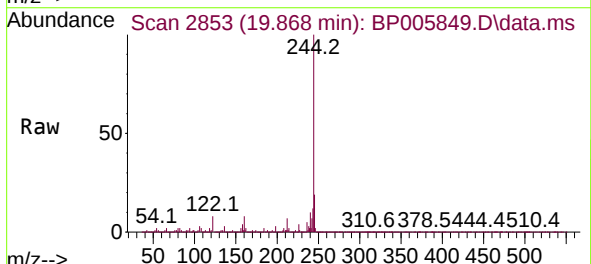
Instrument :
BNA_P
ClientSampleId :
HT-PIER

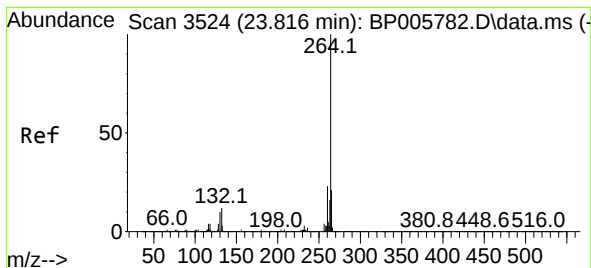
Tgt Ion:240 Resp: 479174
Ion Ratio Lower Upper
240 100
120 9.3 6.5 9.7
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 63.28 ng
RT: 19.868 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BP005849.D
Acq: 10 Jun 2021 21:34

Tgt Ion:244 Resp: 1619435
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 8.1 7.1 10.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.809 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP005849.D

Acq: 10 Jun 2021 21:34

Instrument :

BNA_P

ClientSampleId :

HT-PIER

Tgt Ion:264 Resp: 534125

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.6 17.6 26.4

