

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061221\
 Data File : BP005899.D
 Acq On : 12 Jun 2021 21:03
 Operator : CG/JU
 Sample : M2677-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAD

Quant Time: Jun 14 02:11:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 13:53:36 2021
 Response via : Initial Calibration

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

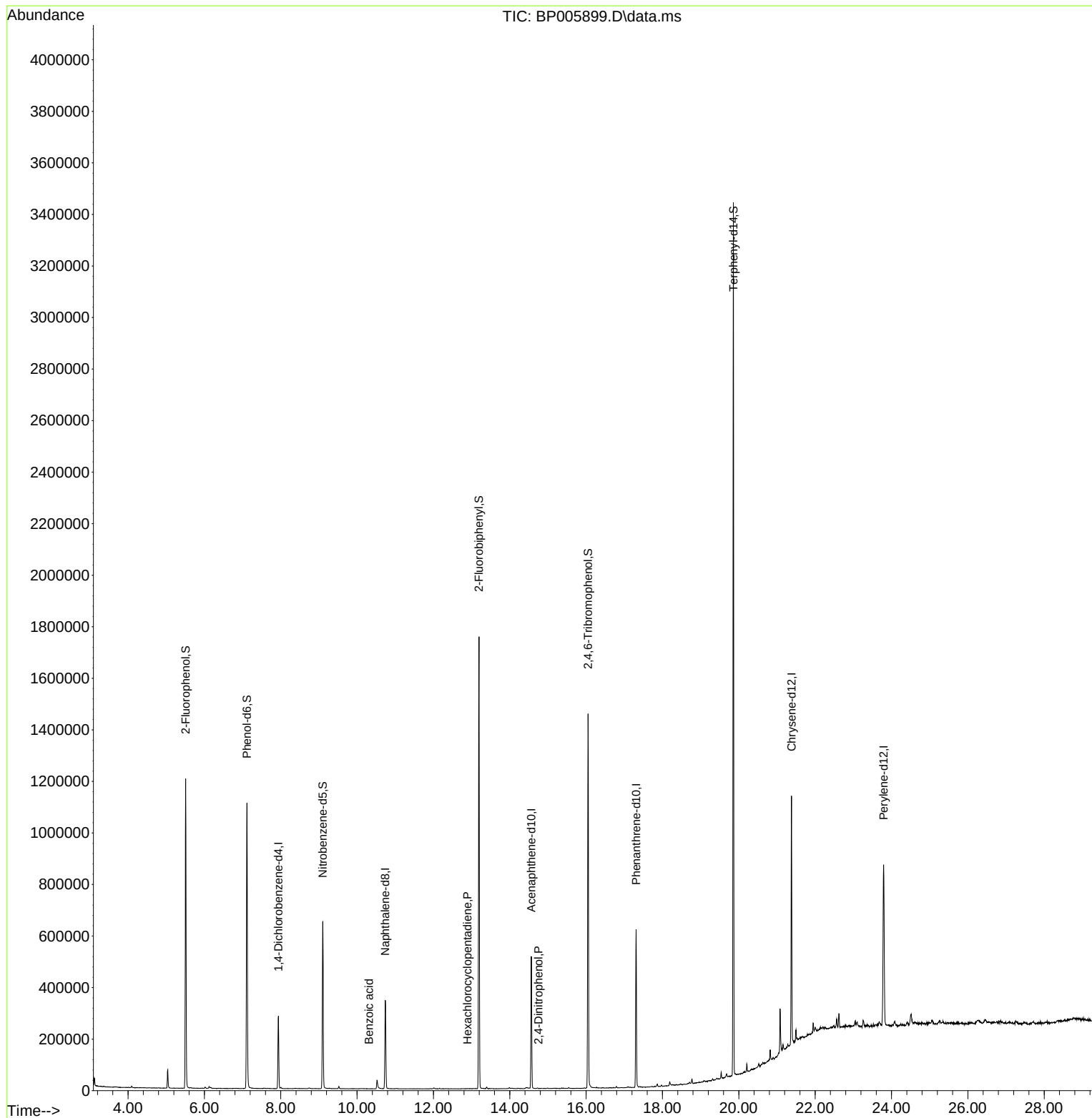
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	77988	20.00	ng	0.00
21) Naphthalene-d8	10.740	136	289681	20.00	ng	-0.01
39) Acenaphthene-d10	14.563	164	175471	20.00	ng	-0.01
64) Phenanthrene-d10	17.310	188	362769	20.00	ng	-0.01
76) Chrysene-d12	21.380	240	427505	20.00	ng	-0.01
86) Perylene-d12	23.792	264	498512	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	532486	109.56	ng	0.00
7) Phenol-d6	7.117	99	639934	101.58	ng	0.00
23) Nitrobenzene-d5	9.099	82	389166	65.86	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	303189	100.69	ng	-0.01
45) 2-Fluorobiphenyl	13.193	172	872043	65.26	ng	-0.01
79) Terphenyl-d14	19.857	244	1480269	64.84	ng	-0.01
Target Compounds						
32) Benzoic acid	10.310	122	9	6.32	ng	Qvalue 92
41) Hexachlorocyclopentadiene	12.893	237	16	5.51	ng	92
54) 2,4-Dinitrophenol	14.751	184	6	4.85	ng	92

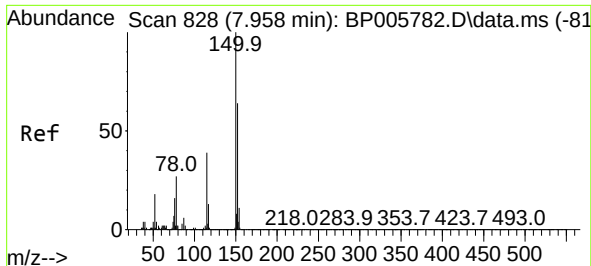
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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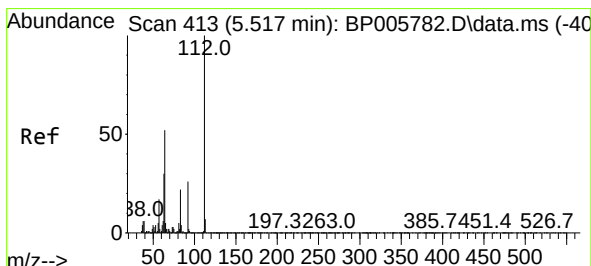
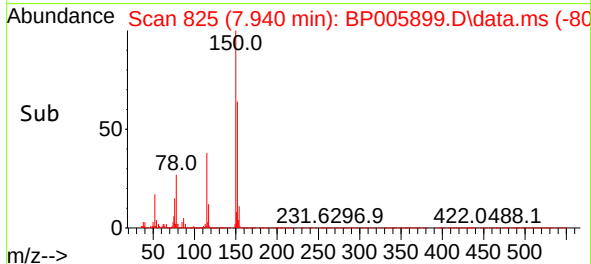
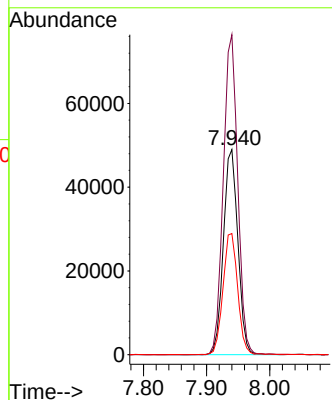
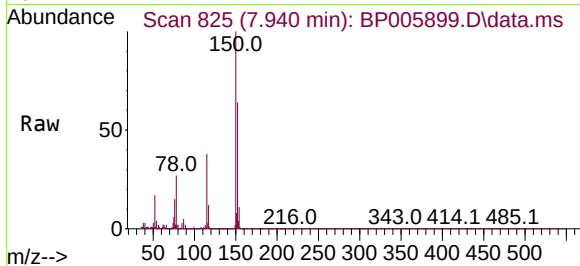




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.940 min Scan# 825
Delta R.T. -0.006 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

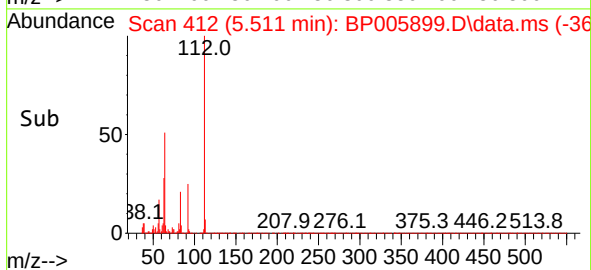
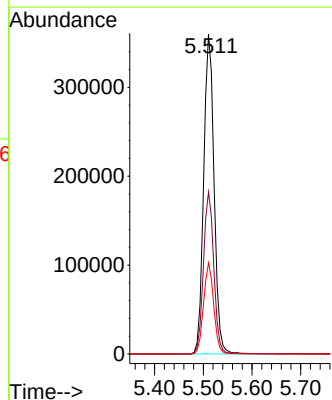
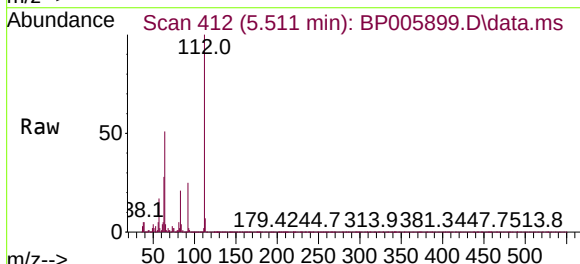
Instrument :
BNA_P
ClientSampleId :
PAD

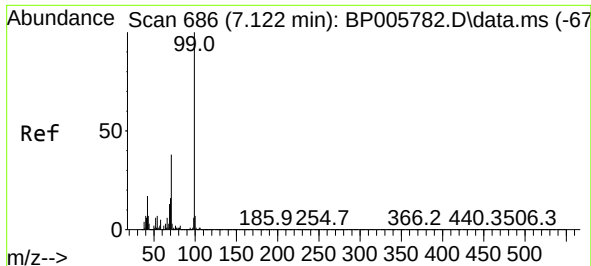
Tgt Ion:152 Resp: 77988
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 59.1 48.5 72.7



#5
2-Fluorophenol
Concen: 109.56 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion:112 Resp: 532486
Ion Ratio Lower Upper
112 100
64 50.6 41.4 62.2
63 28.4 23.8 35.8

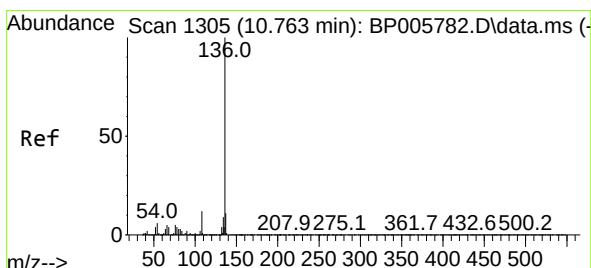
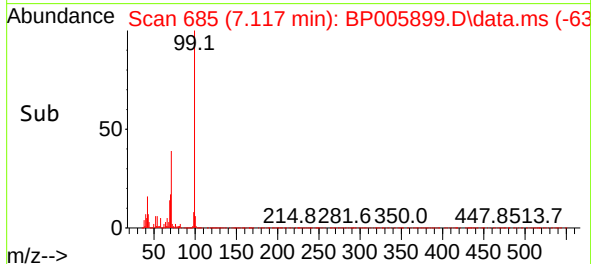
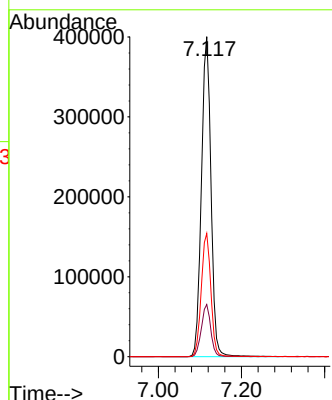
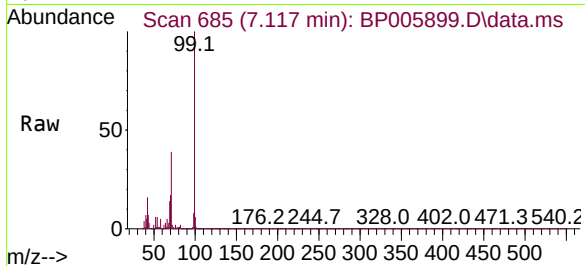




#7
Phenol-d6
Concen: 101.58 ng
RT: 7.117 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

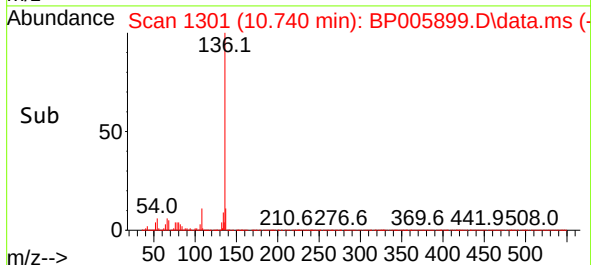
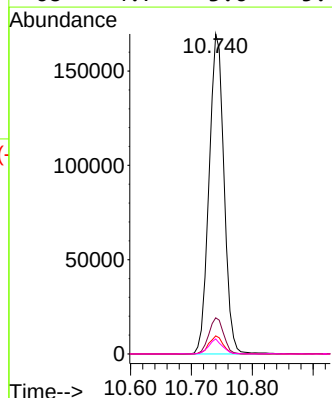
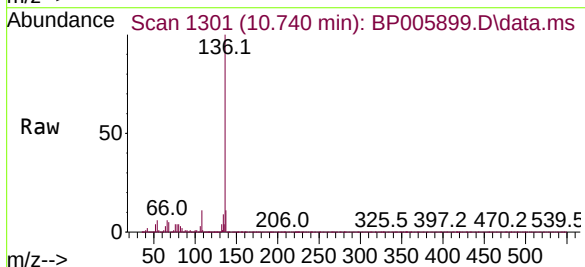
Instrument :
BNA_P
ClientSampleId :
PAD

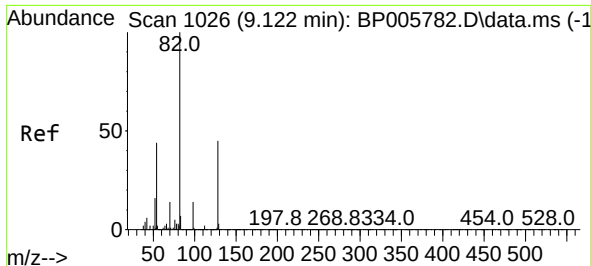
Tgt Ion:	99	Resp:	639934
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	38.5	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.740 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion:	136	Resp:	289681
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	5.7	4.6	6.8
68	4.7	3.6	5.4

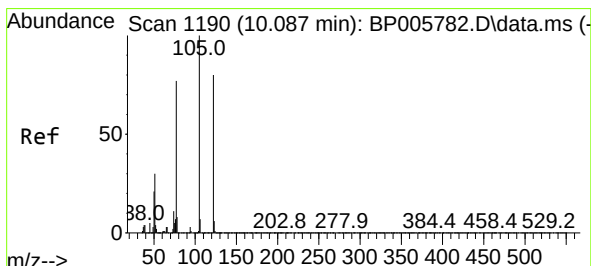
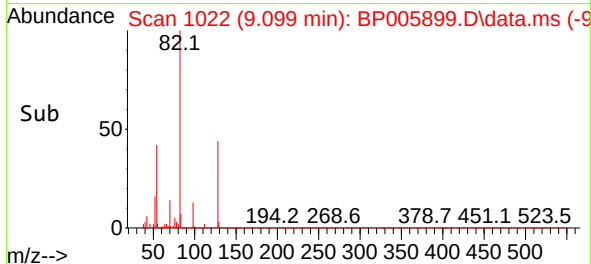
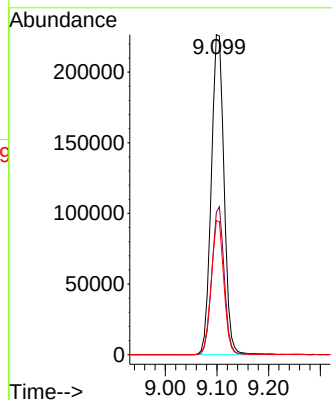
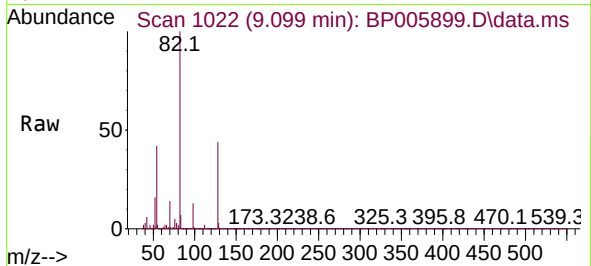




#23
Nitrobenzene-d5
Concen: 65.86 ng
RT: 9.099 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

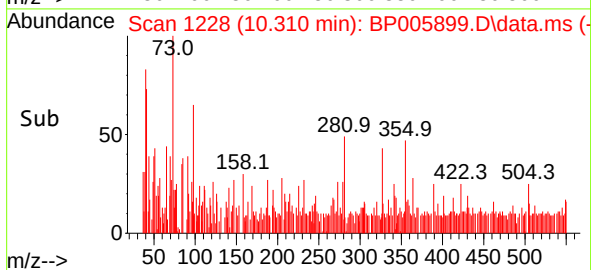
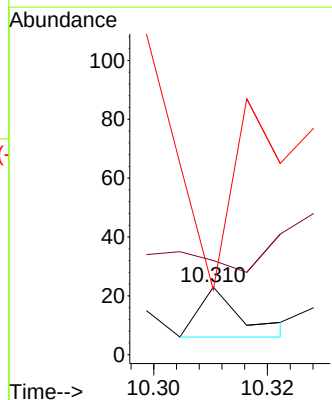
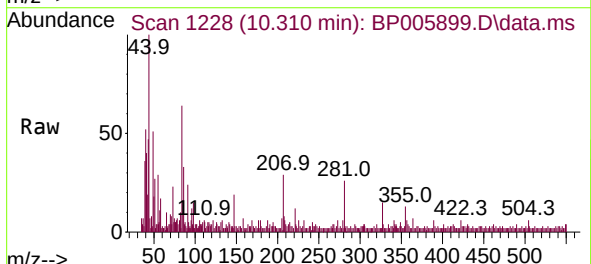
Instrument :
BNA_P
ClientSampled :
PAD

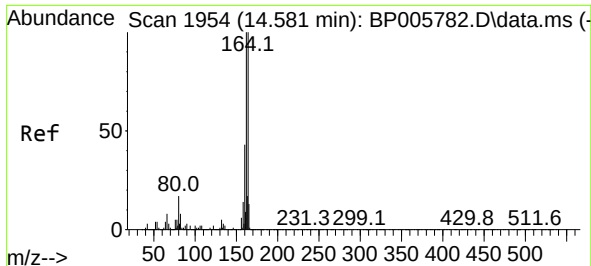
Tgt Ion: 82 Resp: 389166
Ion Ratio Lower Upper
82 100
128 44.5 35.7 53.5
54 41.9 35.0 52.4



#32
Benzoic acid
Concen: 6.32 ng
RT: 10.310 min Scan# 1228
Delta R.T. 0.229 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 139.1 103.2 143.2
77 95.7 76.2 116.2

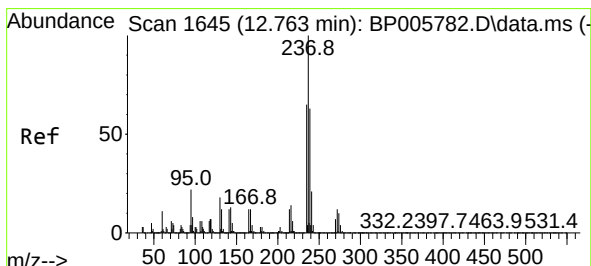
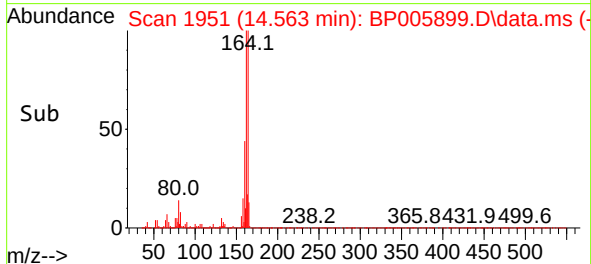
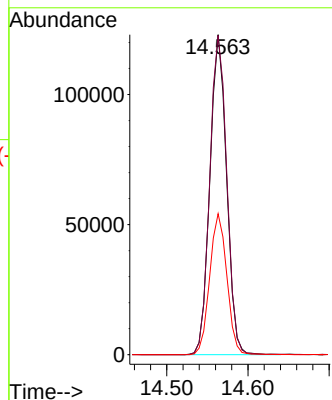
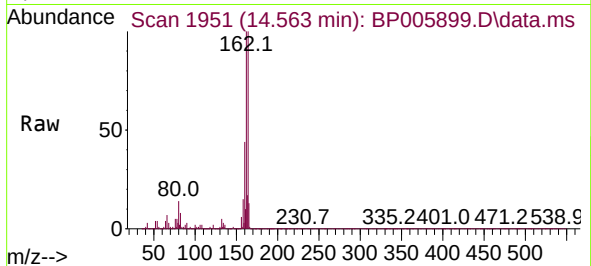




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

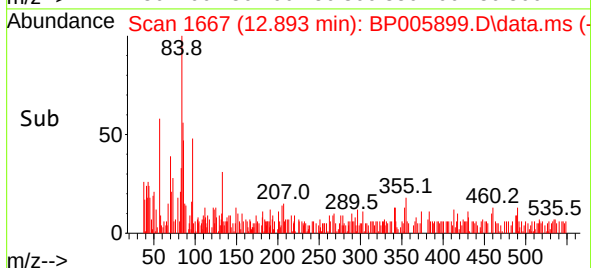
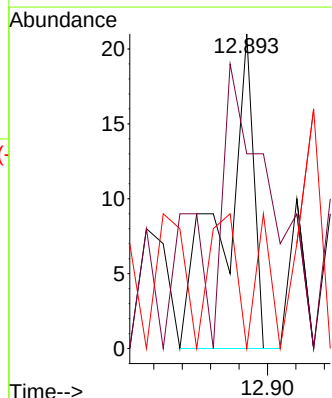
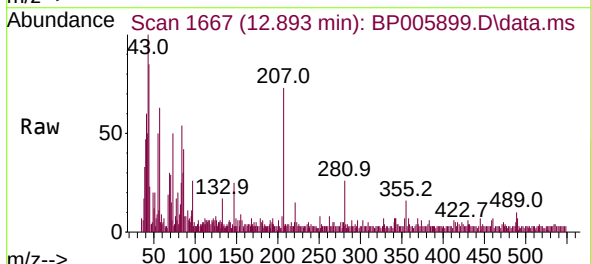
Instrument :
BNA_P
ClientSampled :
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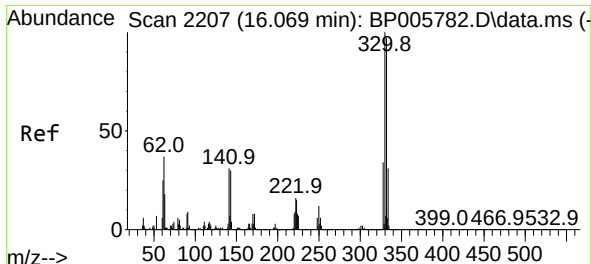
Tgt Ion:164 Resp: 175471
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 44.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.893 min Scan# 1667
Delta R.T. 0.135 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 61.9 44.5 84.5
272 0.0 0.0 32.5

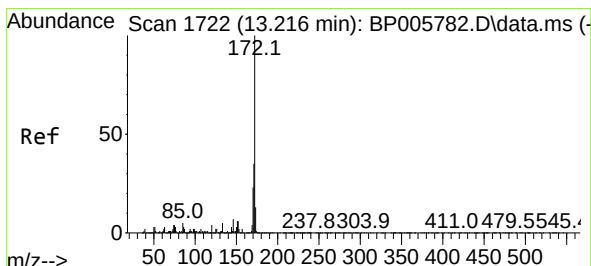
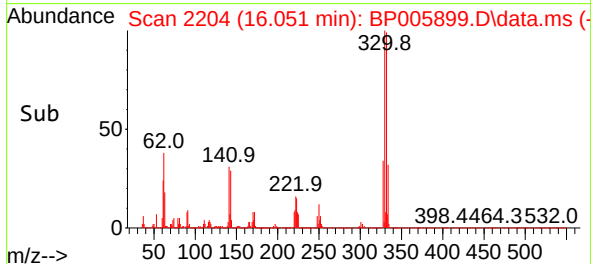
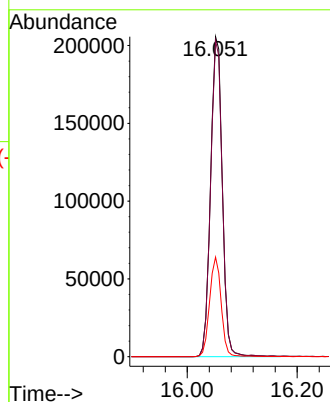
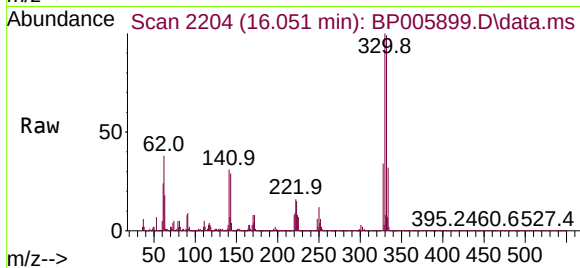




#42
2,4,6-Tribromophenol
Concen: 100.69 ng
RT: 16.051 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

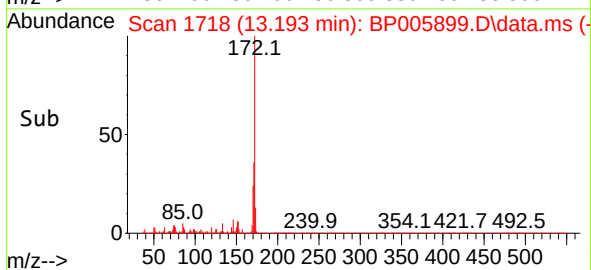
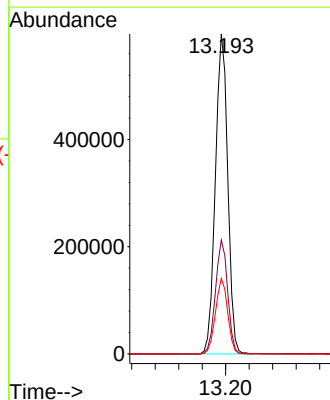
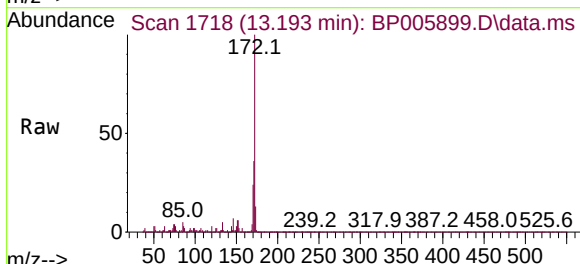
Instrument :
BNA_P
ClientSampled :
PAD

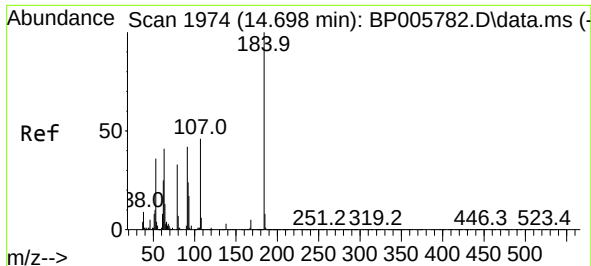
Tgt Ion: 330 Resp: 303189
Ion Ratio Lower Upper
330 100
332 98.3 77.8 116.8
141 30.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 65.26 ng
RT: 13.193 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion: 172 Resp: 872043
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.6 18.6 27.8

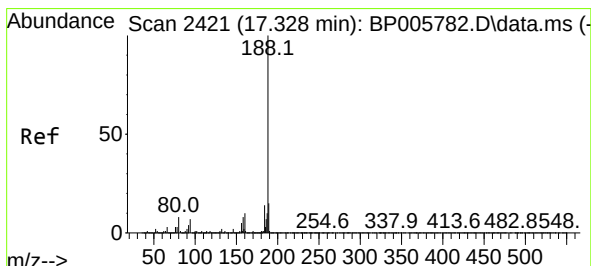
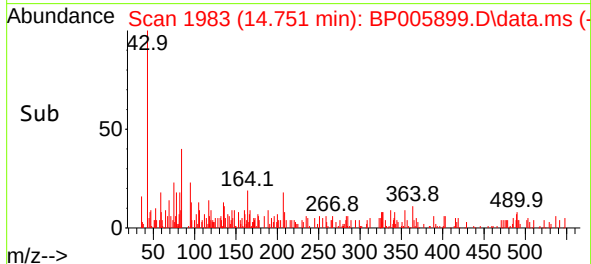
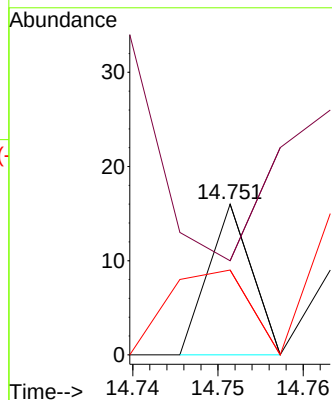
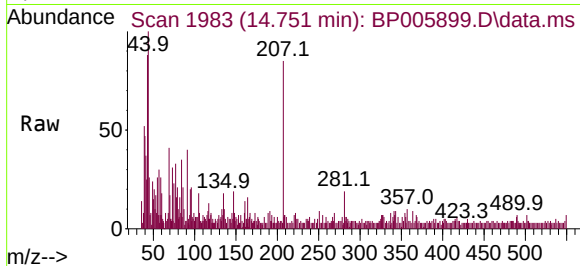




#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.059 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

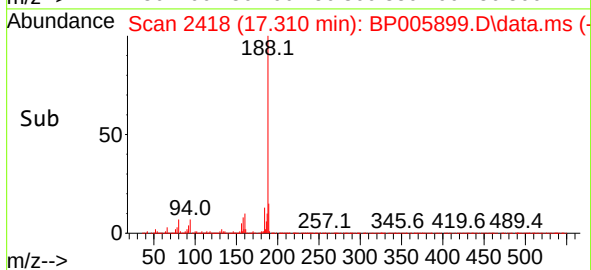
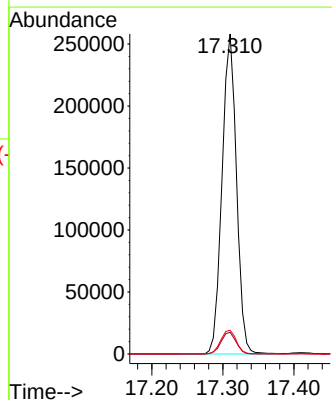
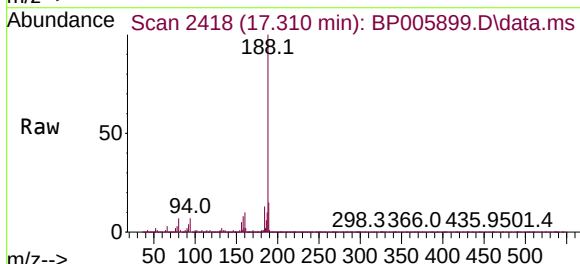
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BNA_P
ClientSampled :
PAD

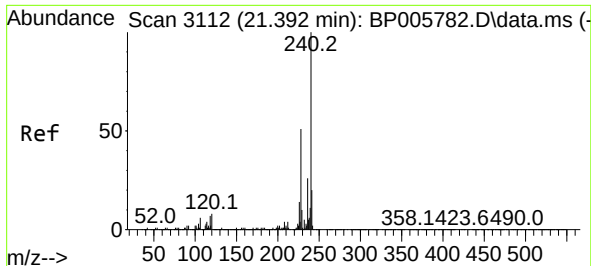
Tgt Ion:184	Resp:	6
Ion Ratio	Lower	Upper
184	100	
63	62.5	47.0 70.6
154	56.3	52.3 78.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion:188	Resp:	362769
Ion Ratio	Lower	Upper
188	100	
94	6.8	5.6 8.4
80	7.4	6.3 9.5

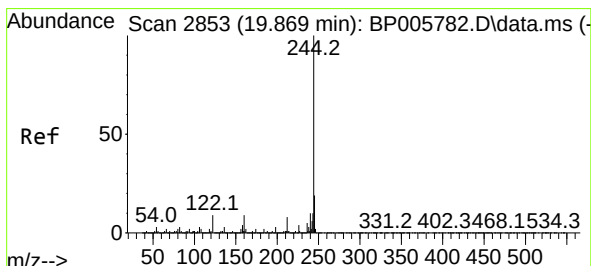
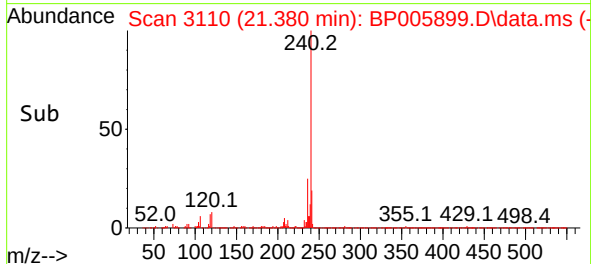
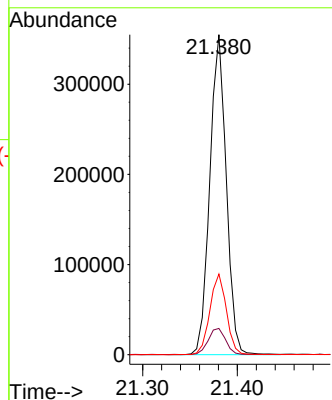
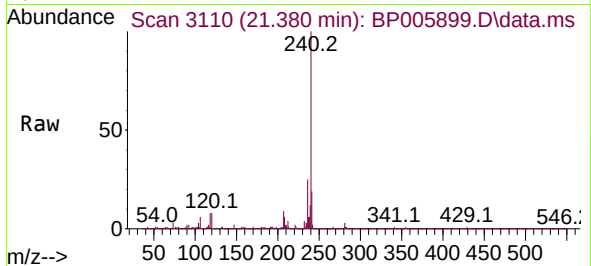




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

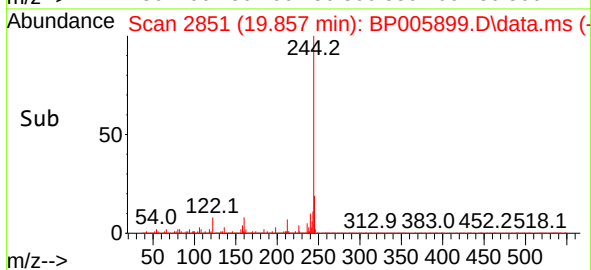
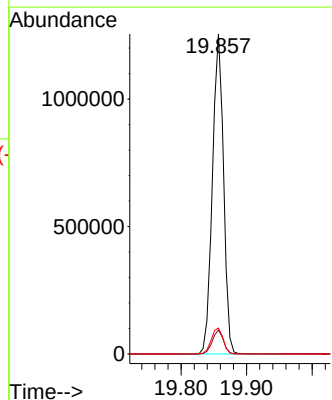
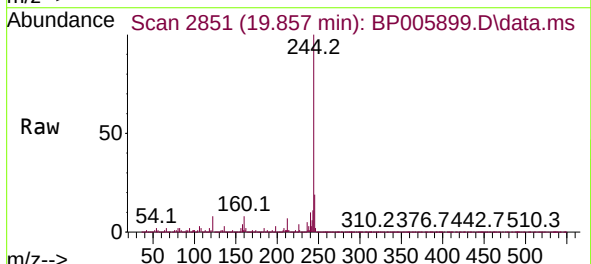
Instrument :
BNA_P
ClientSampled :
PAD

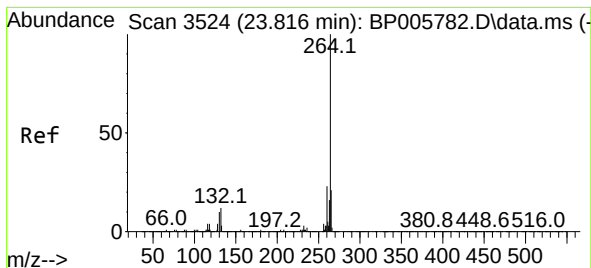
Tgt Ion:	240	Resp:	427505
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.5	9.7
236	25.2	20.6	31.0



#79
Terphenyl-d14
Concen: 64.84 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Tgt Ion:	244	Resp:	1480269
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: 23.792 min Scan# 3520
Delta R.T. -0.024 min
Lab File: BP005899.D
Acq: 12 Jun 2021 21:03

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion:264 Resp: 498512

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.3	17.6	26.4

