

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005478.D
 Acq On : 10 May 2021 20:33
 Operator : CG/JU
 Sample : M2329-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Quant Time: May 11 04:23:04 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)

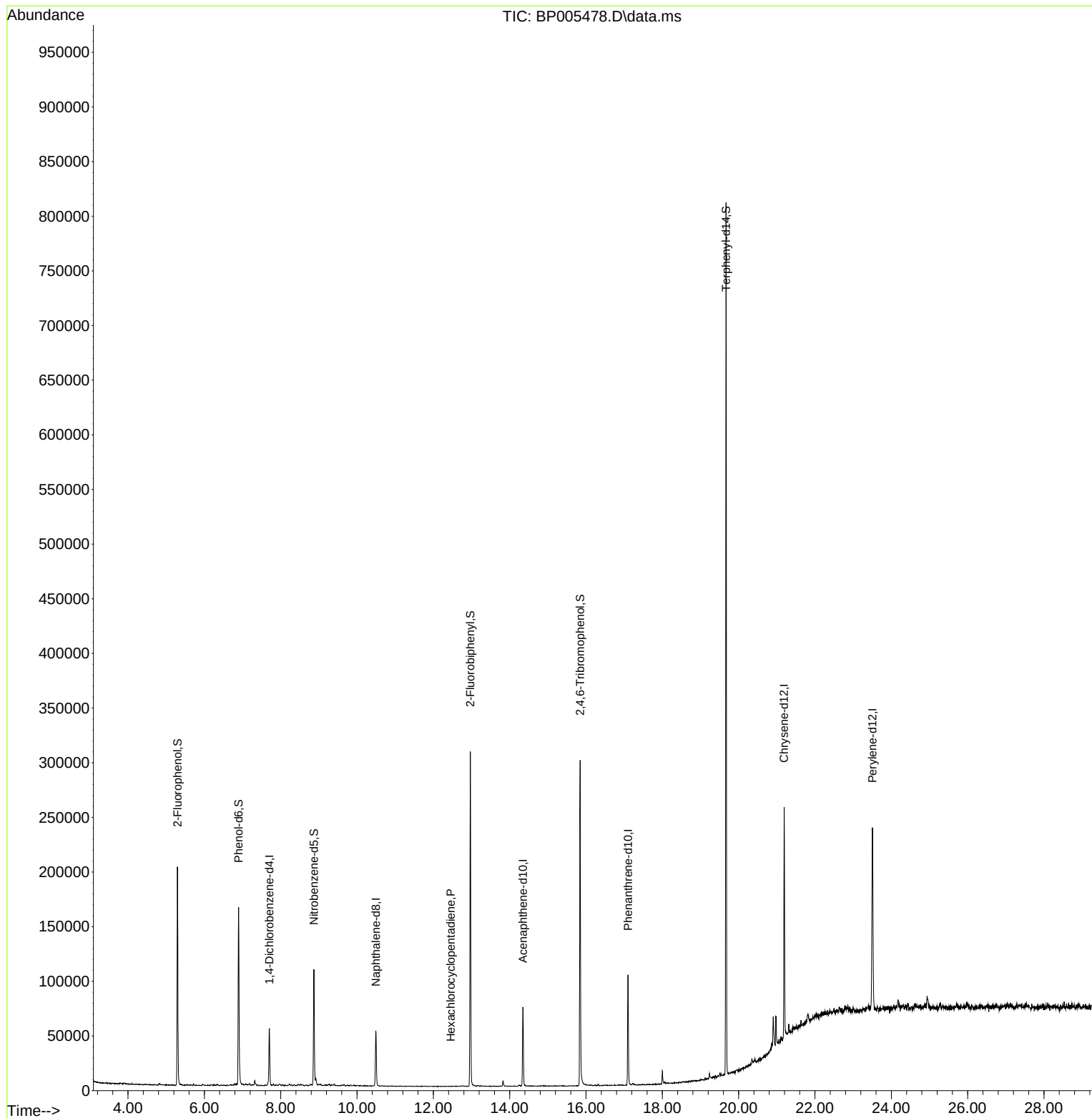
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	10897	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	30809	20.00	ng	#-0.01
39) Acenaphthene-d10	14.345	164	23402	20.00	ng	#-0.01
64) Phenanthrene-d10	17.104	188	57524	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	99320	20.00	ng	#-0.01
86) Perylene-d12	23.504	264	128995	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	61423	108.17	ng	0.00
7) Phenol-d6	6.899	99	62519	88.30	ng	0.00
23) Nitrobenzene-d5	8.869	82	54500	69.63	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	58002	87.34	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	125648	60.57	ng	-0.01
79) Terphenyl-d14	19.669	244	319231	54.58	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.176	88	52	Below Cal	#	41
9) Benzaldehyde	6.828	77	157	Below Cal	#	37
41) Hexachlorocyclopentadiene	12.457	237	6	7.88	ng	84

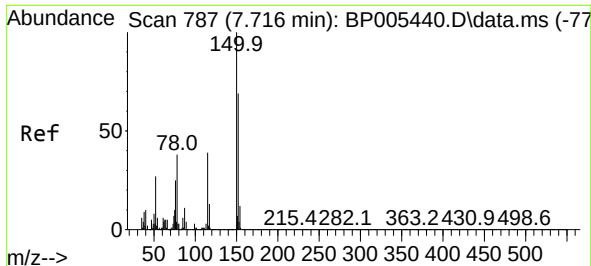
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

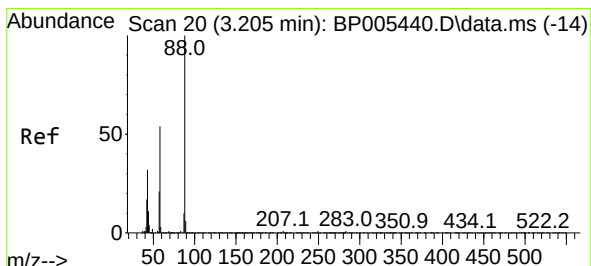
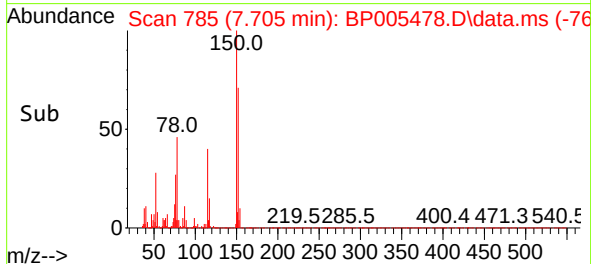
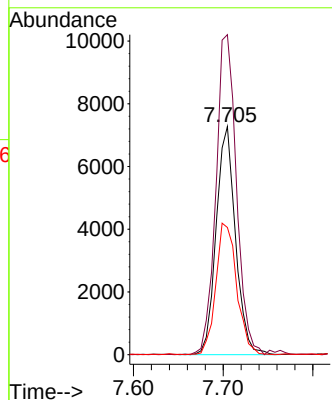
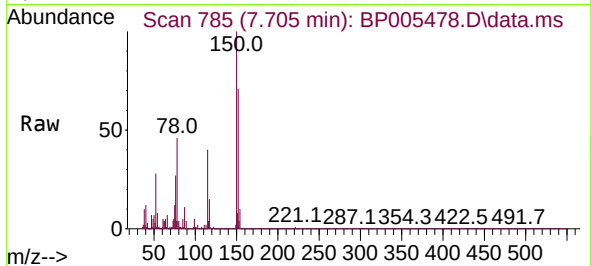




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

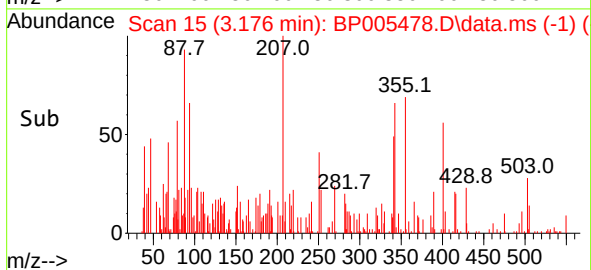
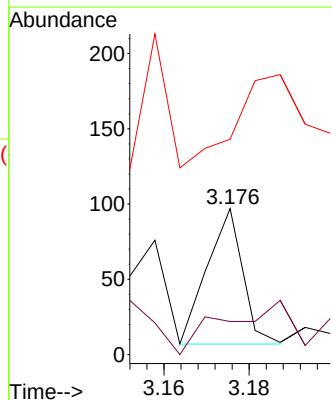
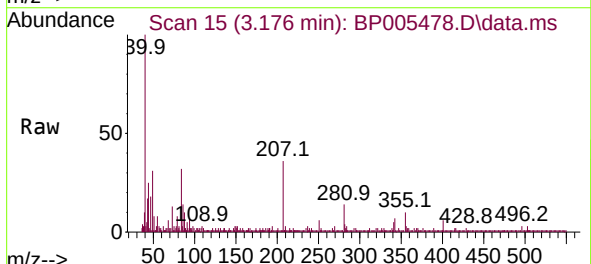
Instrument :
BNA_P
ClientSampled :
SB-1

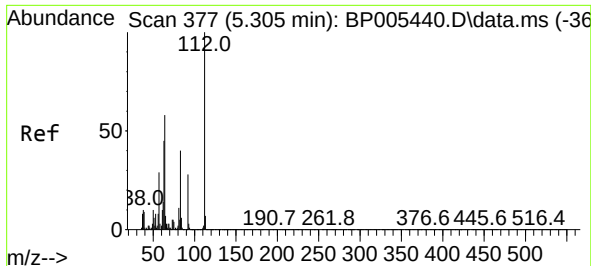
Tgt Ion:152 Resp: 10897
Ion Ratio Lower Upper
152 100
150 140.3 119.8 179.8
115 55.8 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.176 min Scan# 15
Delta R.T. -0.018 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
58 75.0 42.5 63.7#
43 84.6 19.8 29.8#

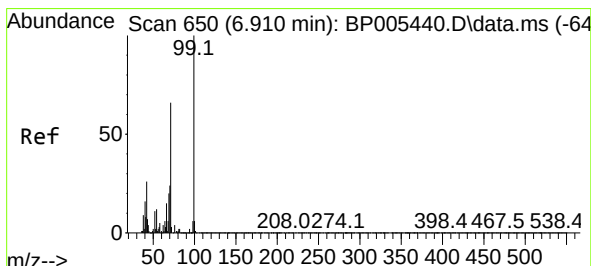
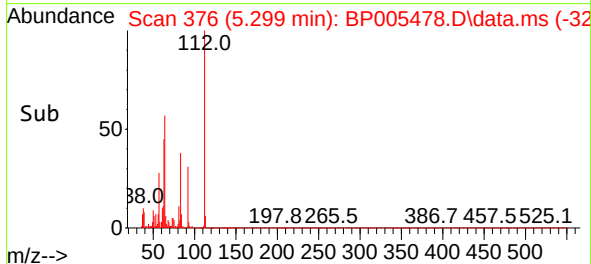
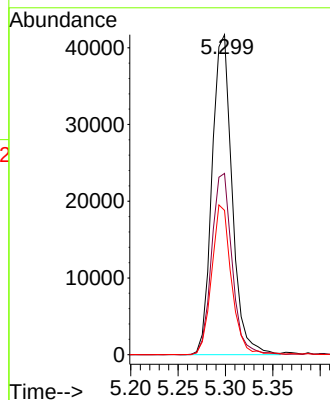
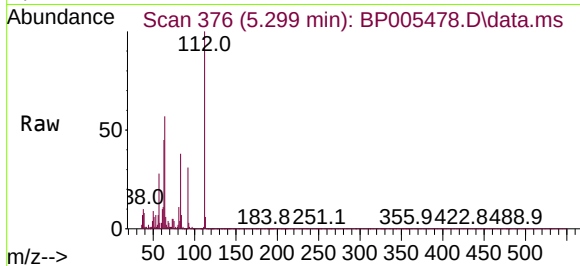




#5
2-Fluorophenol
Concen: 108.17 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

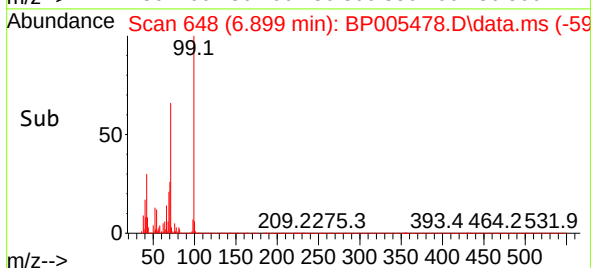
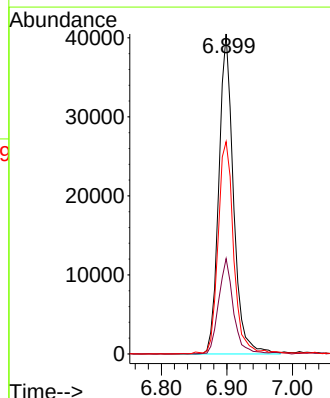
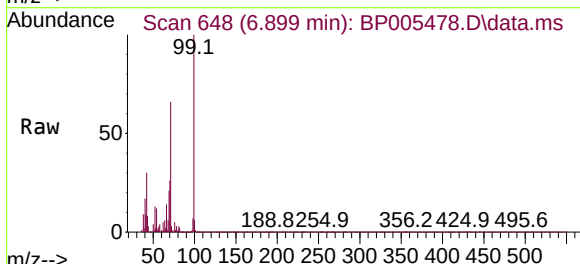
Instrument :
BNA_P
ClientSampled :
SB-1

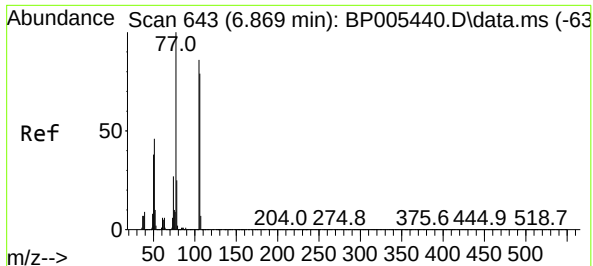
Tgt Ion:112 Resp: 61423
Ion Ratio Lower Upper
112 100
64 56.7 33.6 50.4#
63 45.1 18.6 27.8#



#7
Phenol-d6
Concen: 88.30 ng
RT: 6.899 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion: 99 Resp: 62519
Ion Ratio Lower Upper
99 100
42 29.8 12.9 19.3#
71 66.4 26.7 40.1#

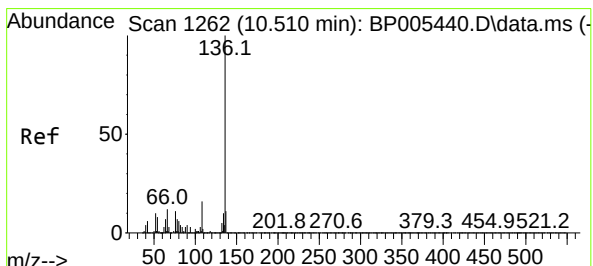
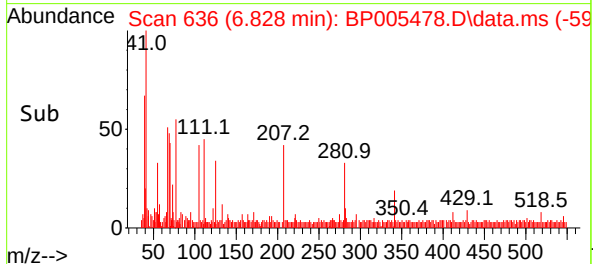
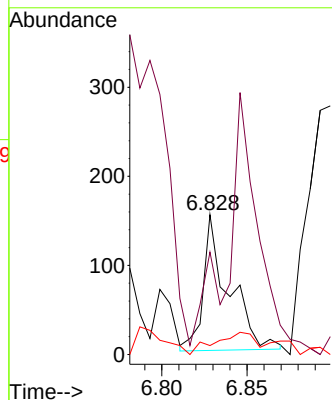
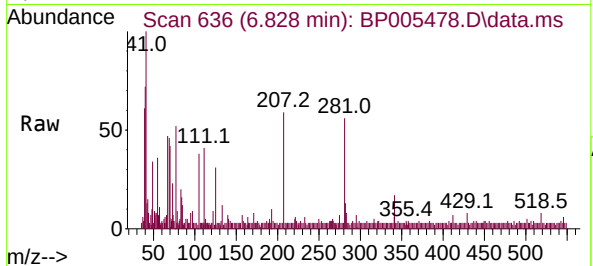




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.029 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

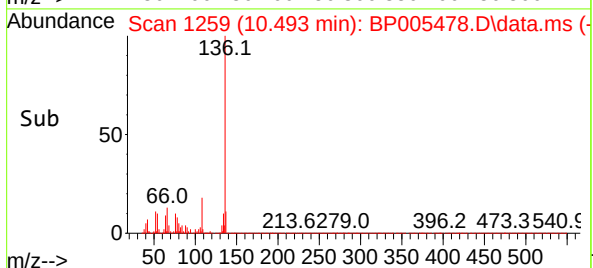
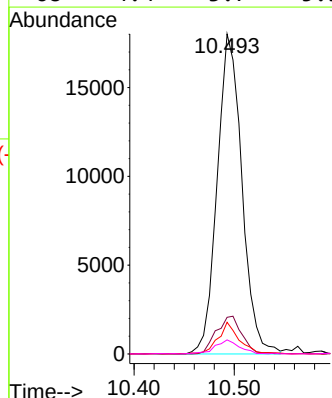
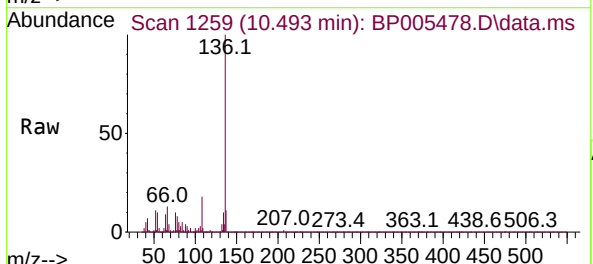
Instrument :
BNA_P
ClientSampled :
SB-1

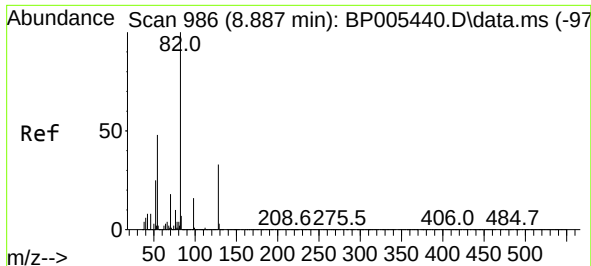
Tgt Ion: 77 Resp: 157
Ion Ratio Lower Upper
77 100
105 73.2 89.4 129.4#
106 6.4 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion:136 Resp: 30809
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.9 5.0 7.4#
68 4.4 3.7 5.5

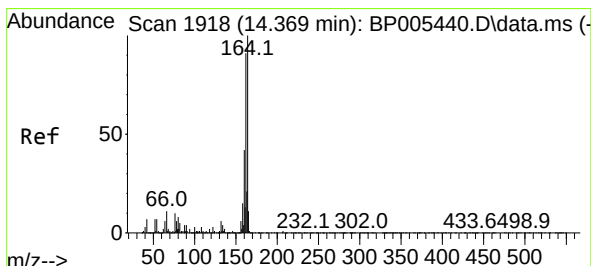
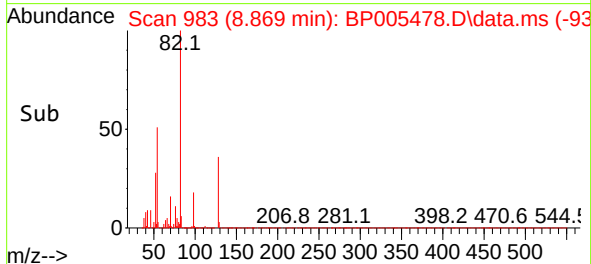
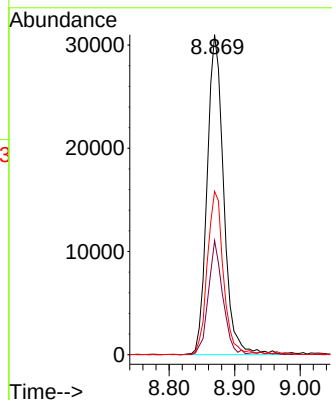
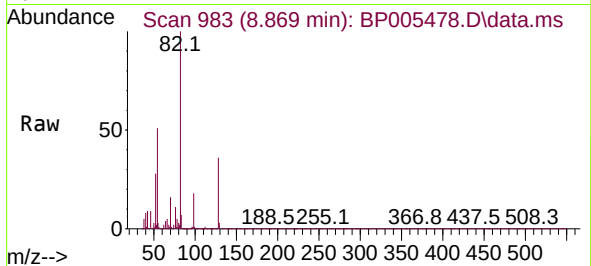




#23
Nitrobenzene-d5
Concen: 69.63 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

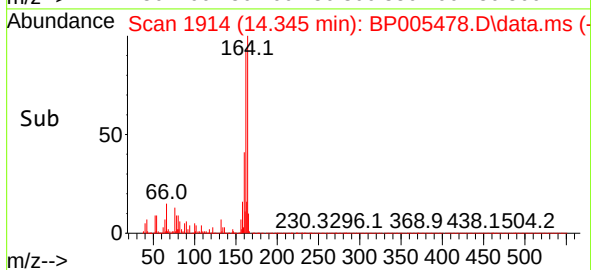
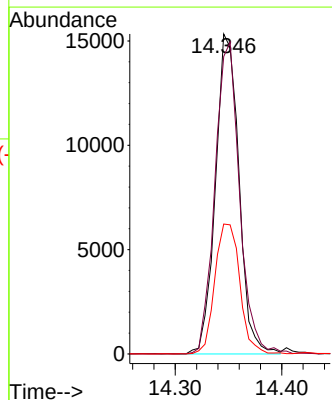
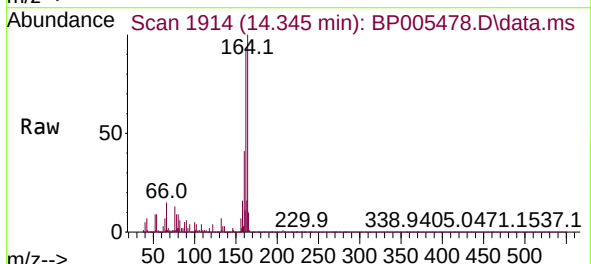
Instrument :
BNA_P
ClientSampleId :
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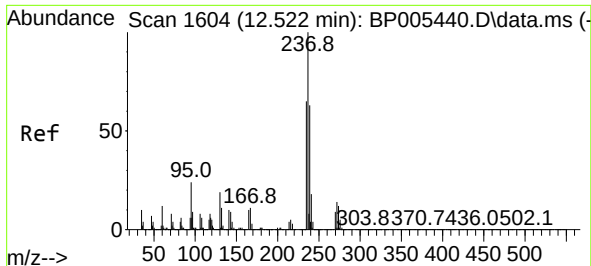
Tgt Ion: 82 Resp: 54500
Ion Ratio Lower Upper
82 100
128 35.7 30.5 45.7
54 51.1 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion: 164 Resp: 23402
Ion Ratio Lower Upper
164 100
162 93.0 73.5 110.3
160 40.6 40.6 61.0#

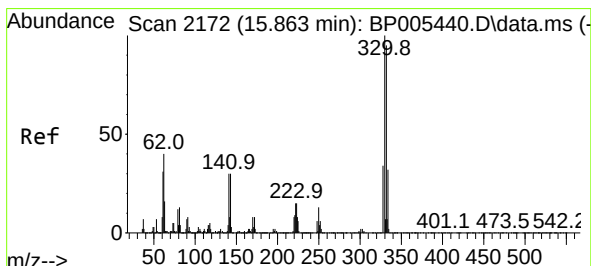
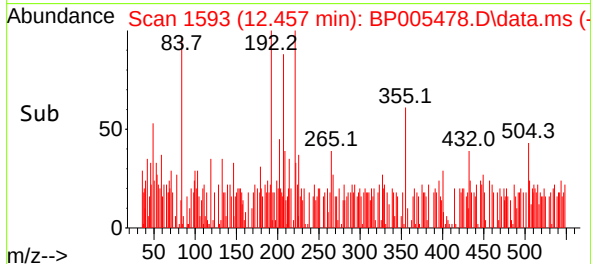
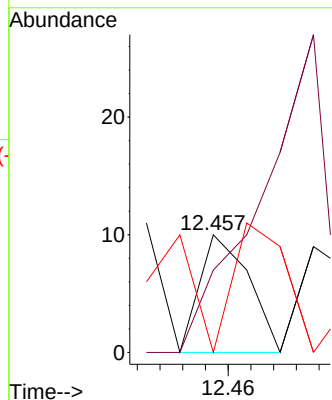
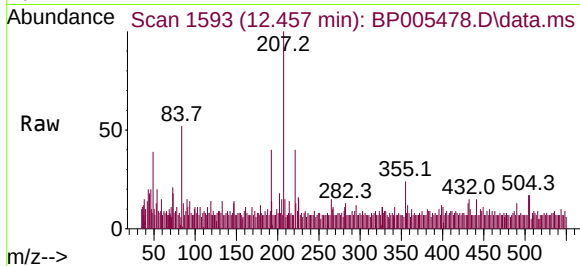




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.053 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

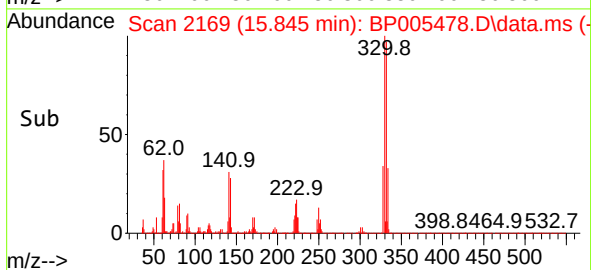
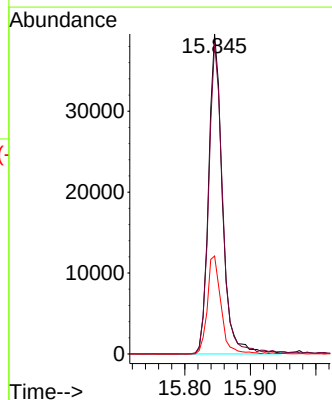
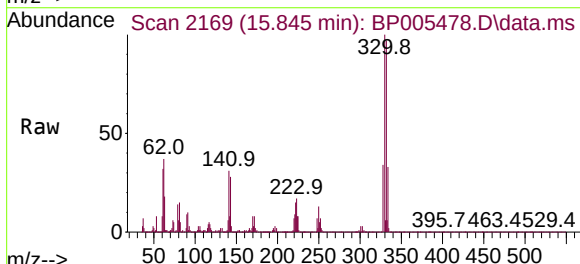
Instrument :
BNA_P
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SB-1

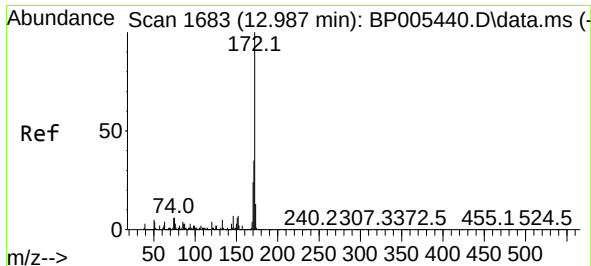
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	70.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 87.34 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion:	330	Resp:	58002
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.3	114.5
141	30.2	22.8	34.2

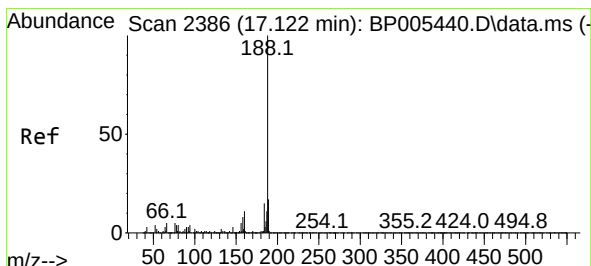
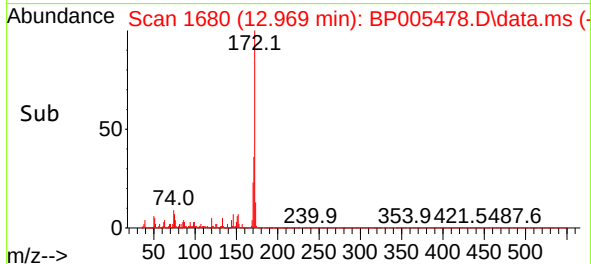
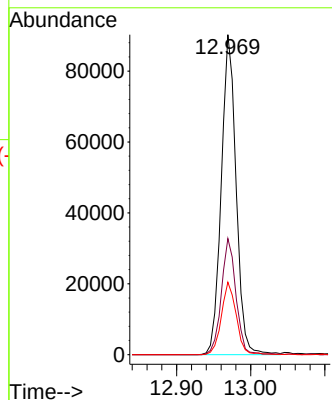
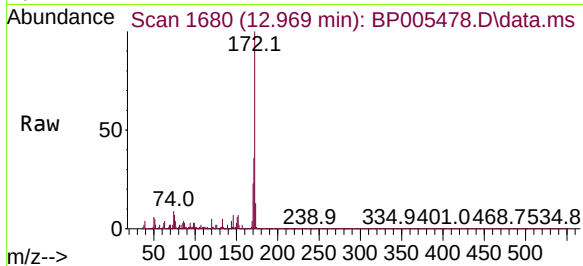




#45
2-Fluorobiphenyl
Concen: 60.57 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

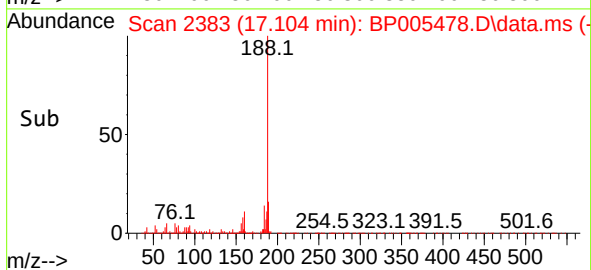
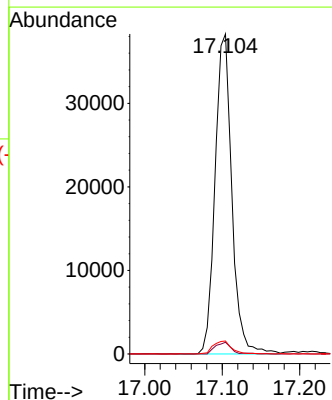
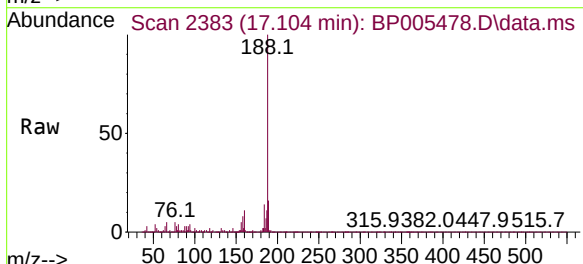
Instrument :
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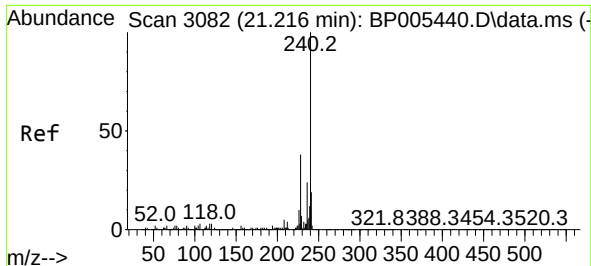
Tgt Ion:172 Resp: 125648
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.7 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion:188 Resp: 57524
Ion Ratio Lower Upper
188 100
94 3.7 5.0 7.6#
80 4.1 5.9 8.9#

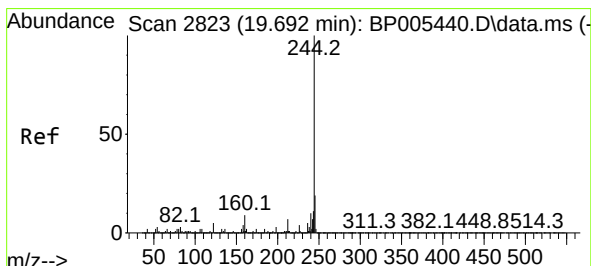
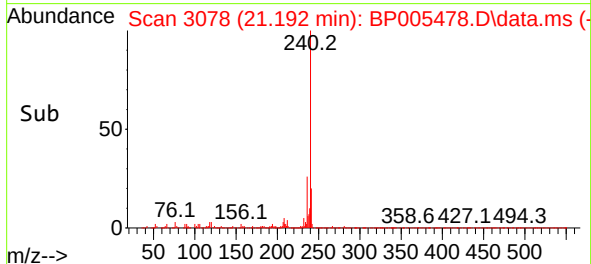
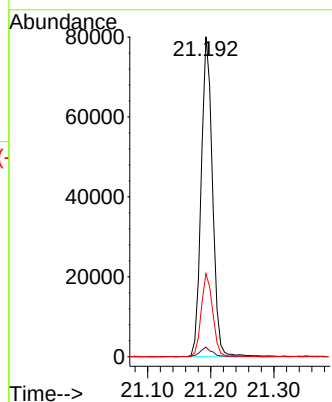
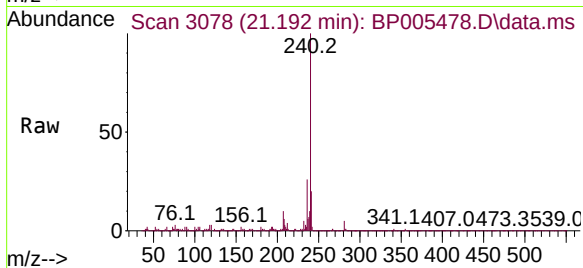




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

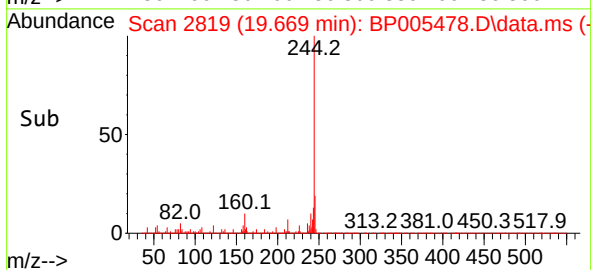
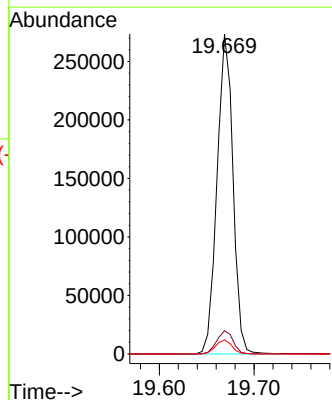
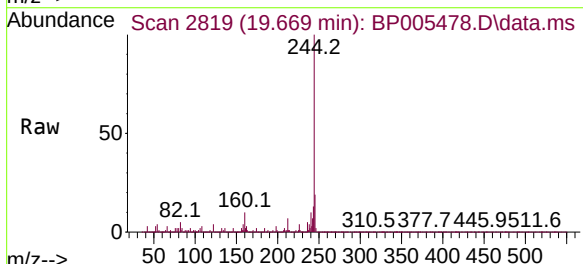
Instrument :
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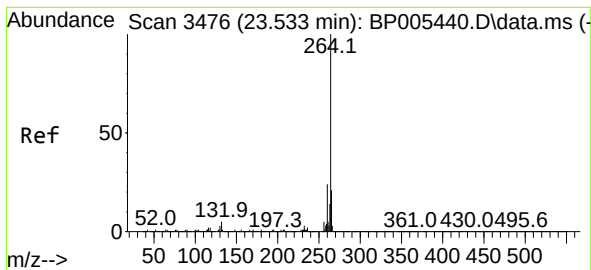
Tgt Ion:240 Resp: 99320
Ion Ratio Lower Upper
240 100
120 3.0 4.2 6.2#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 54.58 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005478.D
Acq: 10 May 2021 20:33

Tgt Ion:244 Resp: 319231
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.4 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.504 min Scan# 3471
 Delta R.T. -0.018 min
 Lab File: BP005478.D
 Acq: 10 May 2021 20:33

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Tgt Ion:	264	Resp:	128995
Ion Ratio	Lower	Upper	
264	100		
260	24.2	20.6	30.8
265	22.1	19.0	28.6

