

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050721\
 Data File : BP005458.D
 Acq On : 07 May 2021 16:32
 Operator : CG/JU
 Sample : M2296-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

Quant Time: May 07 17:01:32 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)

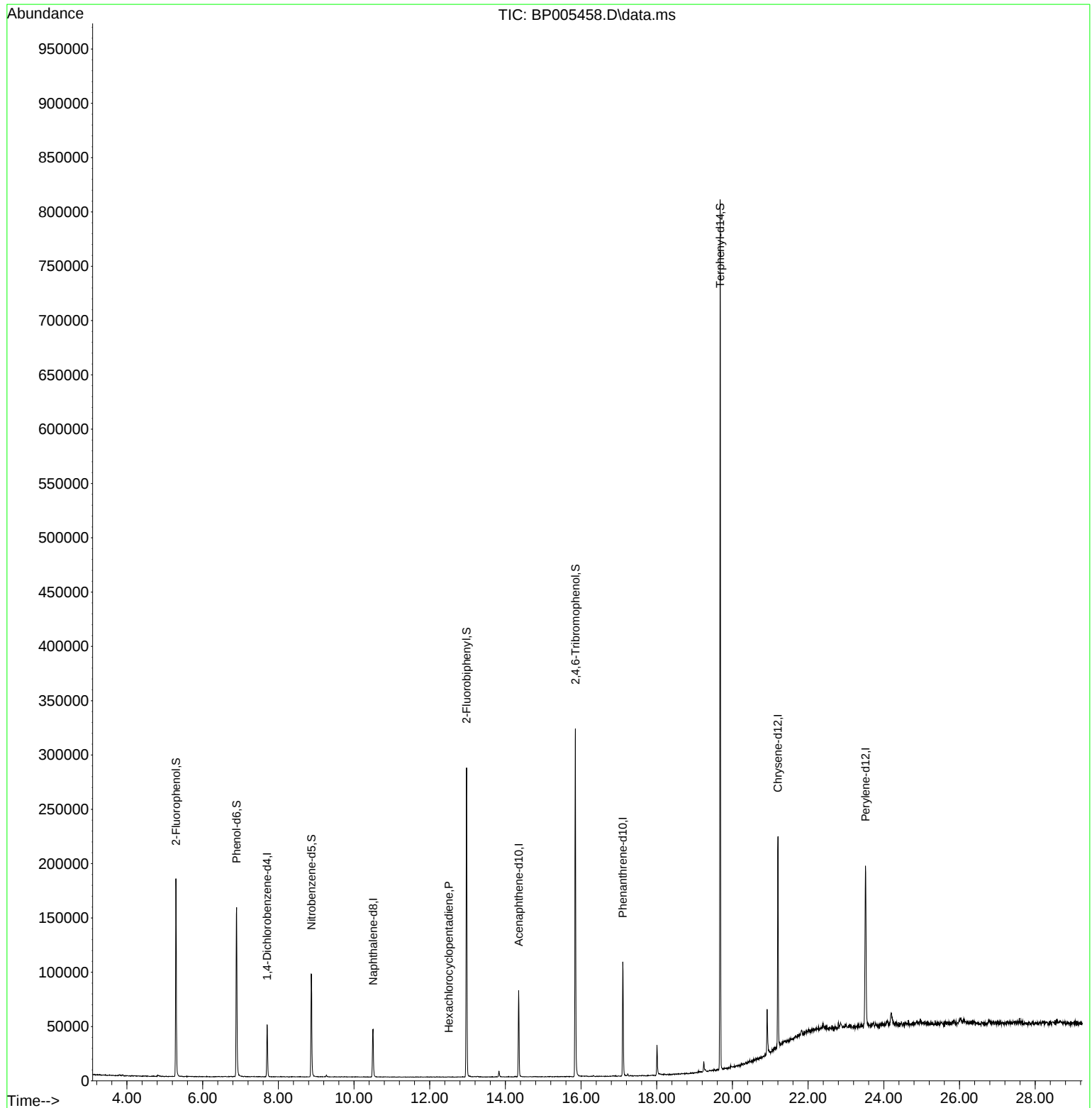
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	9974	20.00	ng	0.00
21) Naphthalene-d8	10.504	136	28273	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	23417	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	58846	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	92740	20.00	ng	# 0.00
86) Perylene-d12	23.515	264	116832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	55173	106.16	ng	0.00
7) Phenol-d6	6.899	99	60274	93.01	ng	0.00
23) Nitrobenzene-d5	8.875	82	50970	70.96	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	60915	91.67	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	122725	59.12	ng	0.00
79) Terphenyl-d14	19.674	244	314327	57.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.187	88	51	Below Cal	#	1
9) Benzaldehyde	6.840	77	15	Below Cal	#	33
41) Hexachlorocyclopentadiene	12.504	237	10	7.89	ng	81

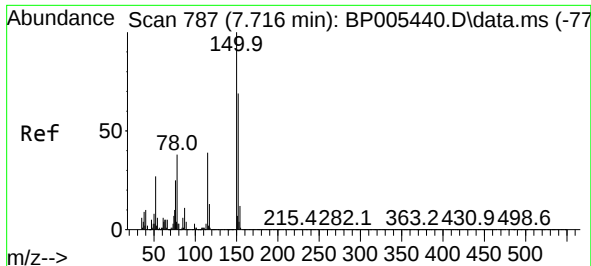
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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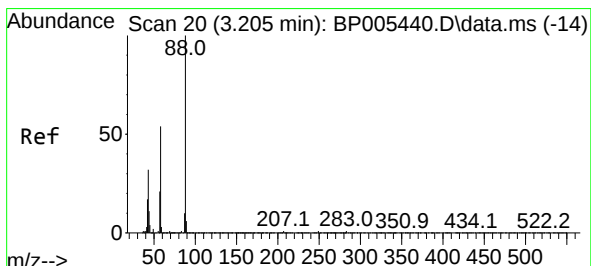
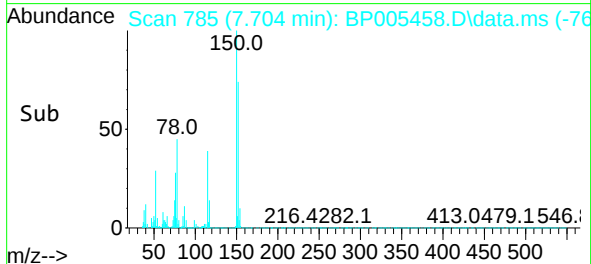
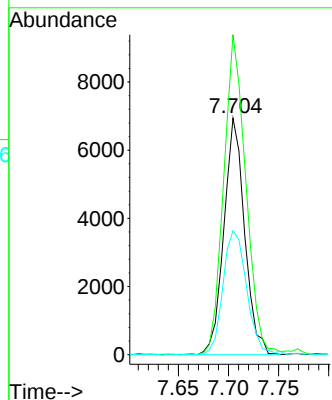
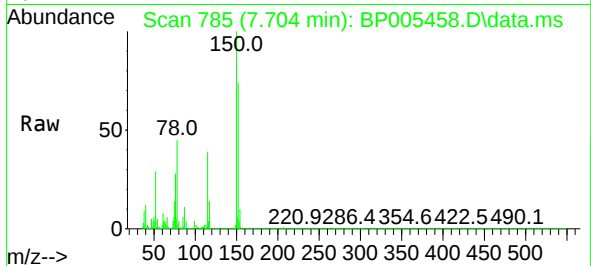




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.704 min Scan# 785
Delta R.T. -0.007 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

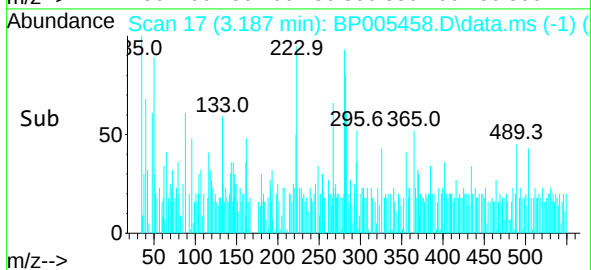
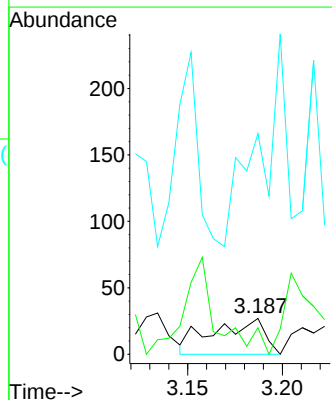
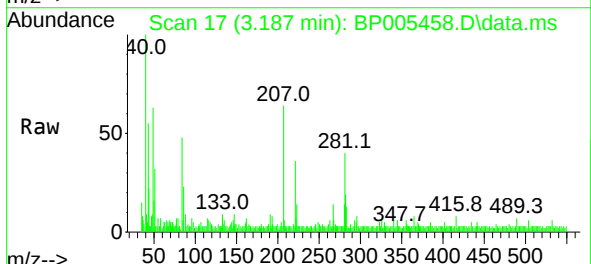
Instrument :
BNA_P
ClientSampleId :
SP-1

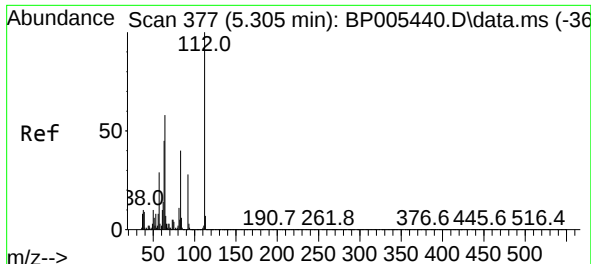
Tgt Ion:152 Resp: 9974
Ion Ratio Lower Upper
152 100
150 135.3 119.8 179.8
115 52.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.187 min Scan# 17
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
58 129.4 42.5 63.7#
43 315.7 19.8 29.8#

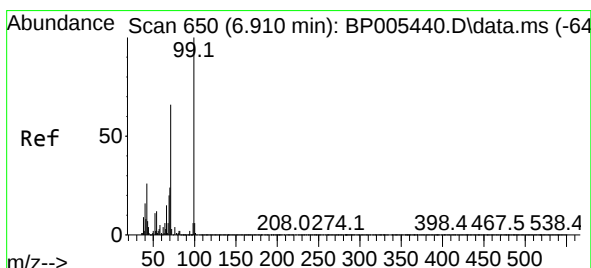
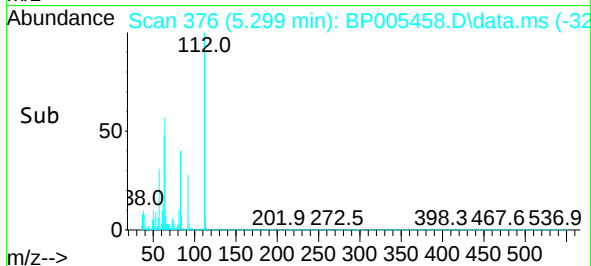
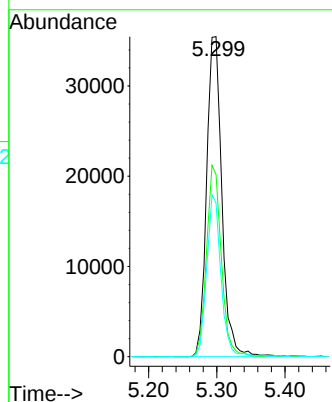
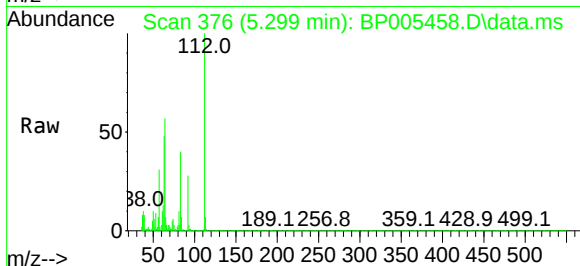




#5
2-Fluorophenol
Concen: 106.16 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

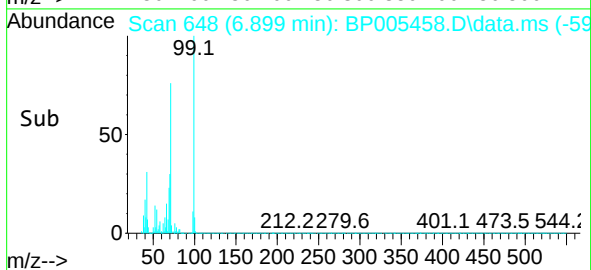
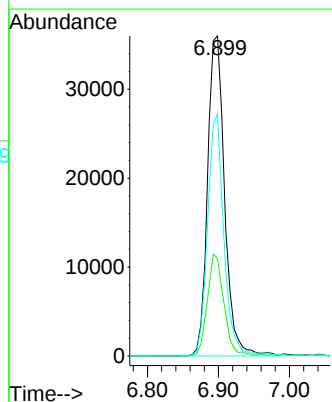
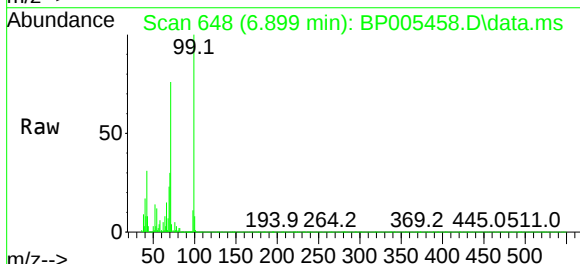
Instrument :
BNA_P
ClientSampleId :
SP-1

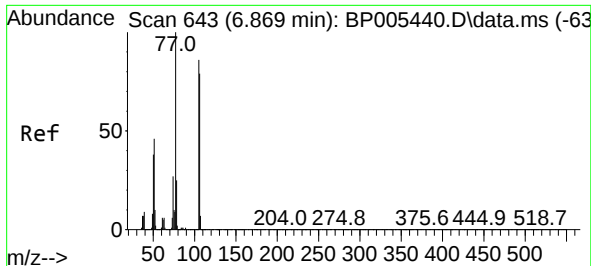
Tgt Ion:112 Resp: 55173
Ion Ratio Lower Upper
112 100
64 56.9 33.6 50.4#
63 48.1 18.6 27.8#



#7
Phenol-d6
Concen: 93.01 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion: 99 Resp: 60274
Ion Ratio Lower Upper
99 100
42 30.6 12.9 19.3#
71 75.6 26.7 40.1#

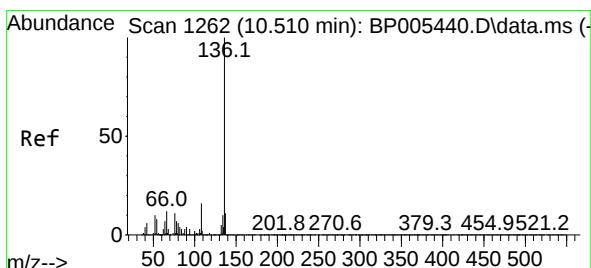
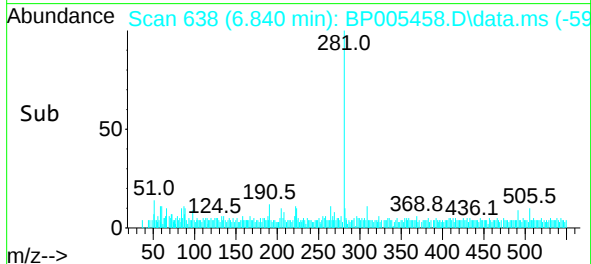
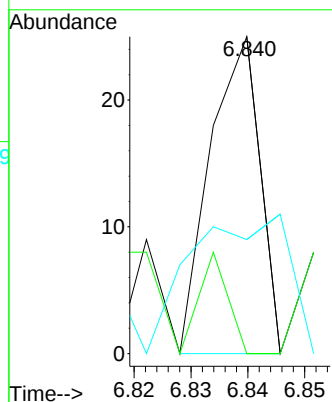
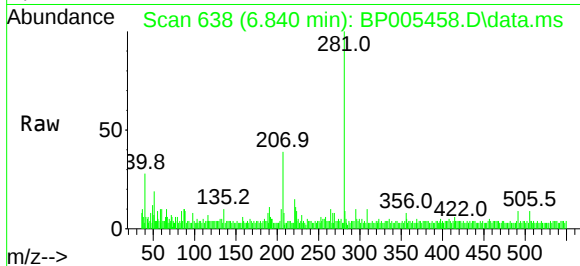




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 638
Delta R.T. -0.018 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

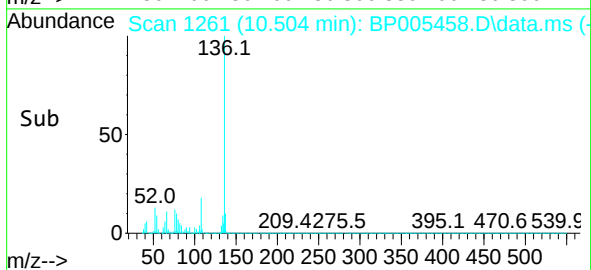
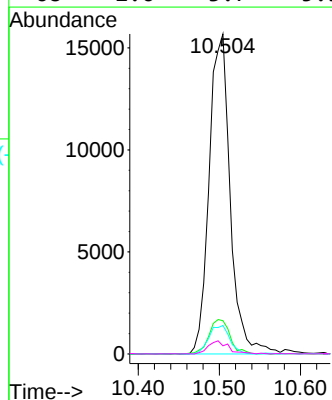
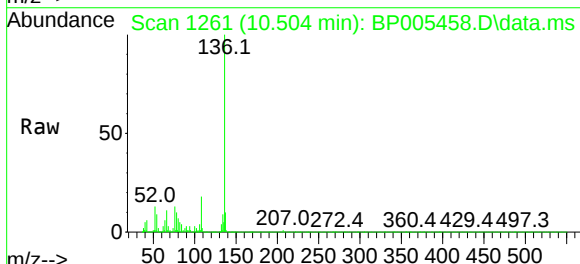
Instrument :
BNA_P
ClientSampled :
SP-1

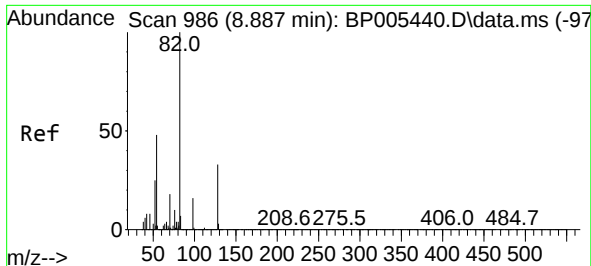
Tgt Ion: 77 Resp: 15
Ion Ratio Lower Upper
77 100
105 36.0 89.4 129.4#
106 36.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion:136 Resp: 28273
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 8.9 5.0 7.4#
68 2.6 3.7 5.5#

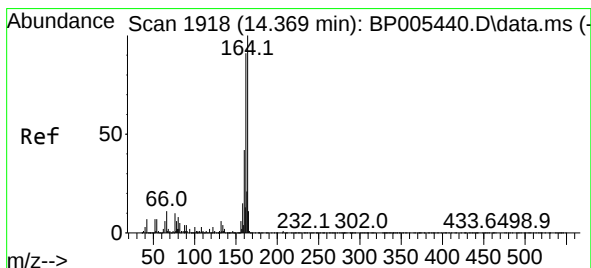
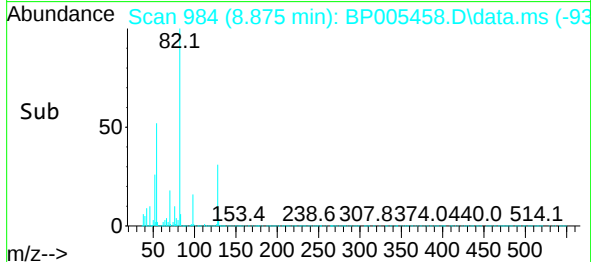
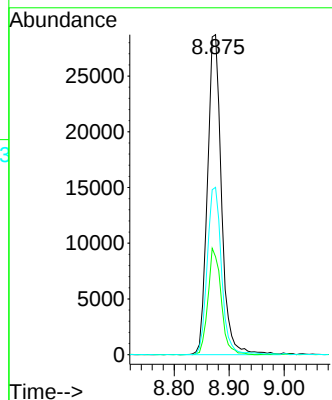
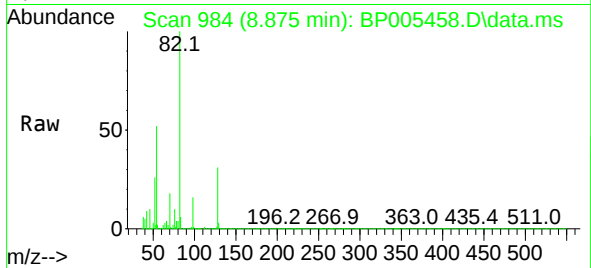




#23
Nitrobenzene-d5
Concen: 70.96 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

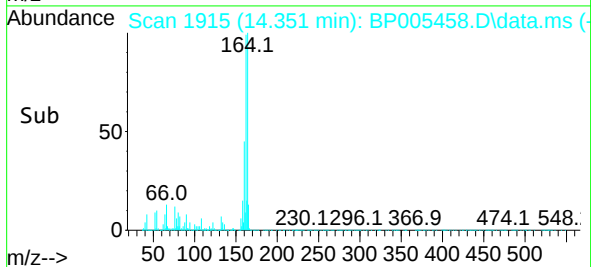
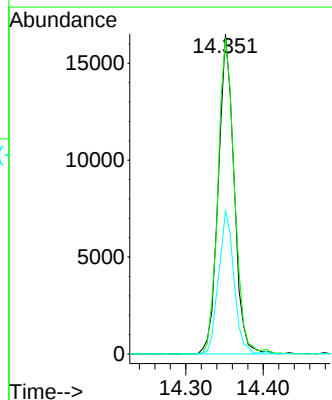
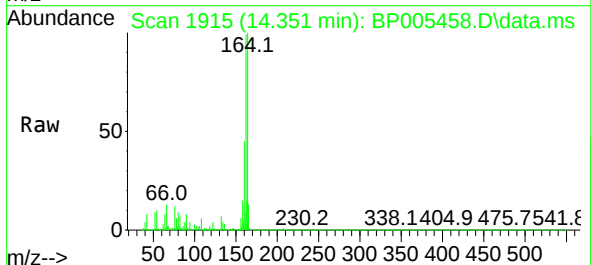
Instrument :
BNA_P
ClientSampleId :
SP-1

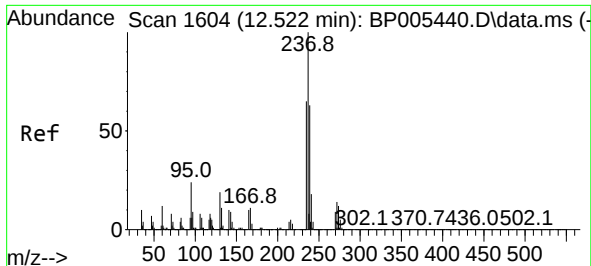
Tgt Ion: 82 Resp: 50970
Ion Ratio Lower Upper
82 100
128 30.6 30.5 45.7
54 52.3 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion: 164 Resp: 23417
Ion Ratio Lower Upper
164 100
162 98.7 73.5 110.3
160 44.7 40.6 61.0

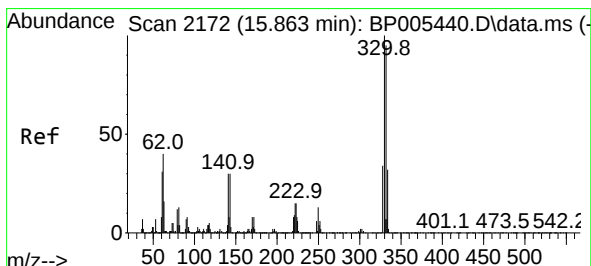
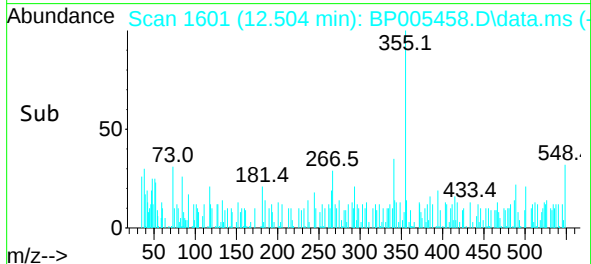
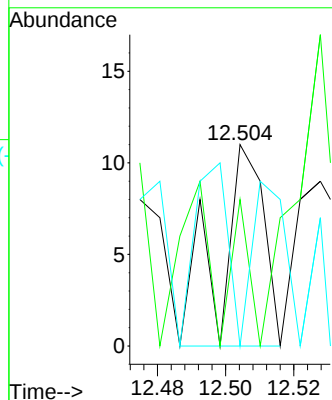
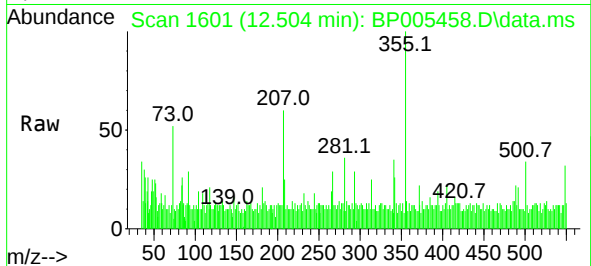




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

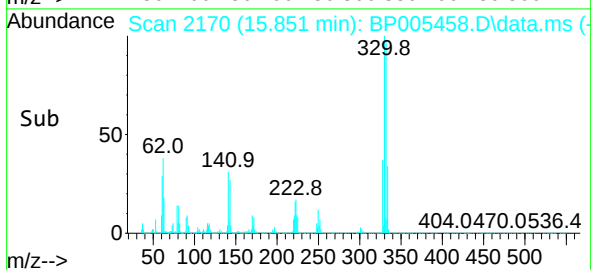
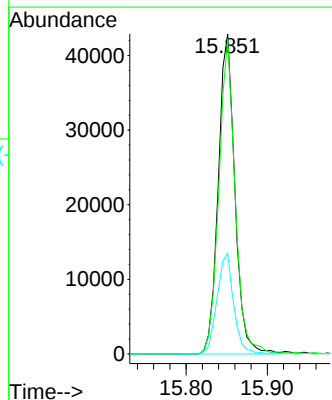
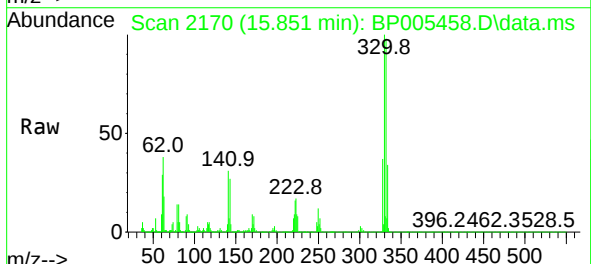
Instrument :
BNA_P
ClientSampled :
SP-1

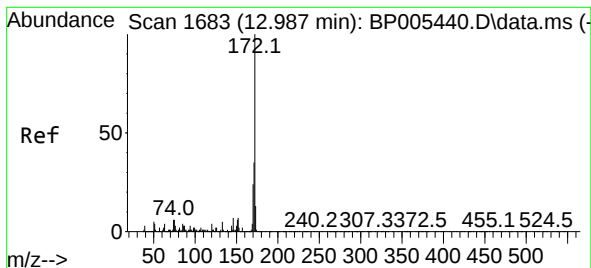
Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 72.7 40.9 80.9
272 0.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 91.67 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion:330 Resp: 60915
Ion Ratio Lower Upper
330 100
332 97.1 76.3 114.5
141 31.7 22.8 34.2

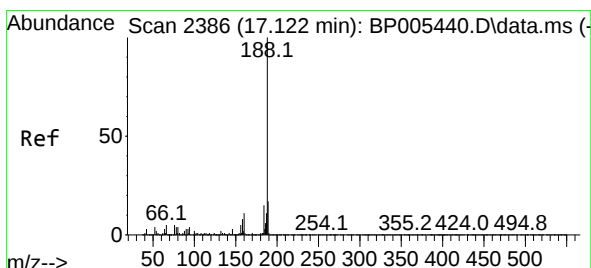
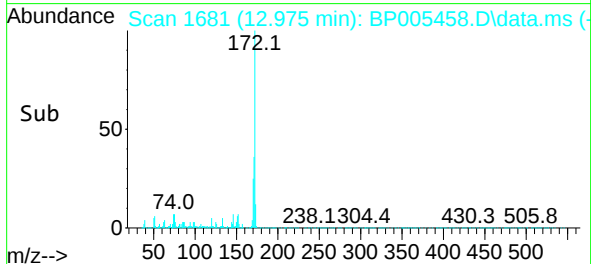
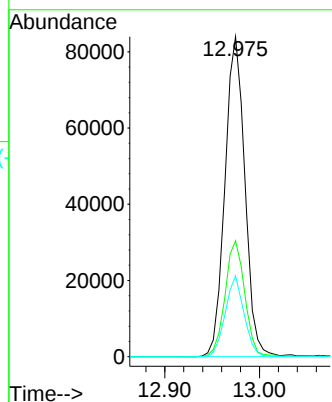
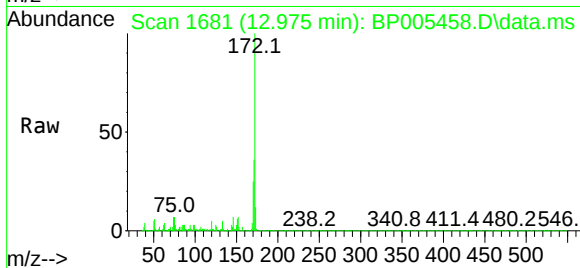




#45
2-Fluorobiphenyl
Concen: 59.12 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

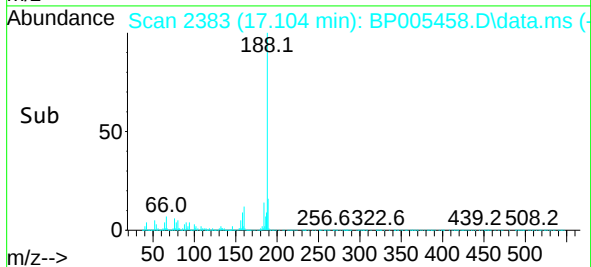
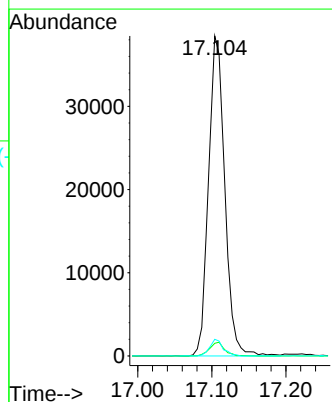
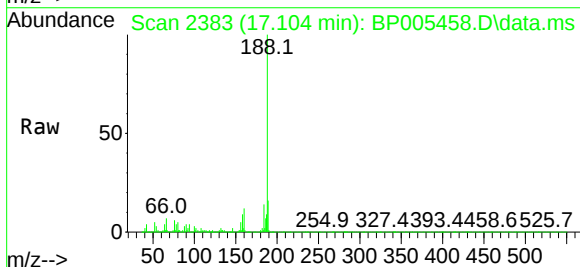
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BNA_P
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SP-1

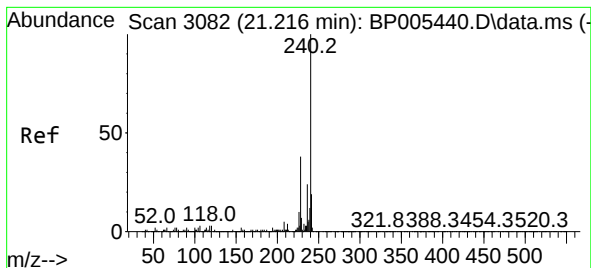
Tgt Ion:172 Resp: 122725
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 25.2 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005458.D
Acq: 07 May 2021 16:32

Tgt Ion:188 Resp: 58846
Ion Ratio Lower Upper
188 100
94 4.0 5.0 7.6#
80 5.2 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BP005458.D

Acq: 07 May 2021 16:32

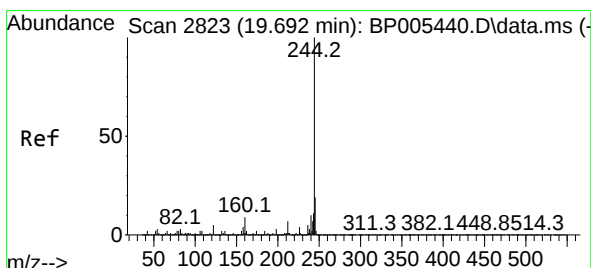
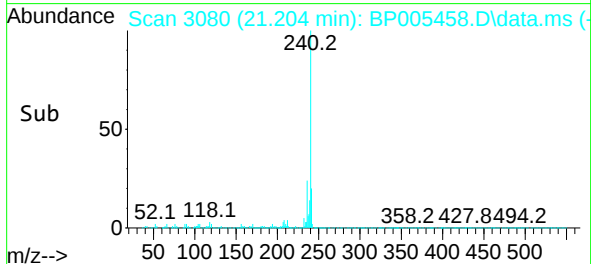
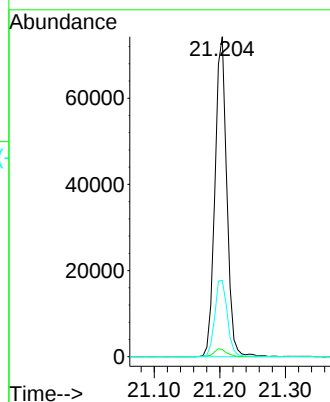
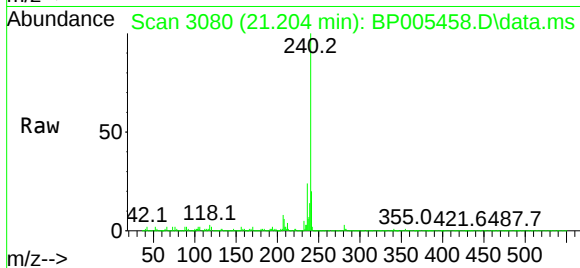
Instrument :

BNA_P

ClientSampleId :

SP-1

Tgt Ion:240	Resp:	92740
Ion Ratio	Lower	Upper
240	100	
120	2.3	4.2 6.2#
236	23.9	20.2 30.2



#79

Terphenyl-d14

Concen: 57.56 ng

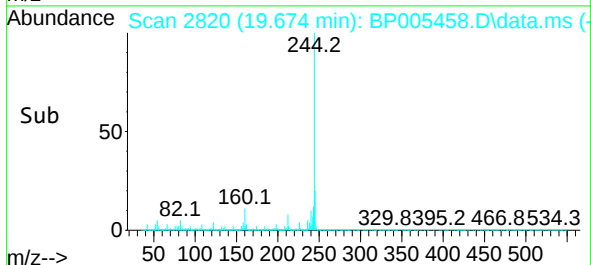
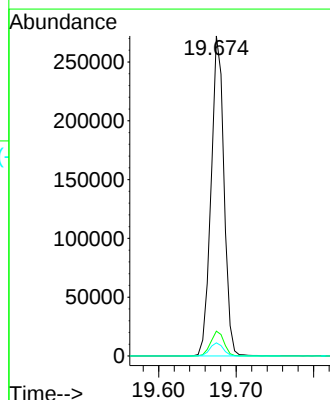
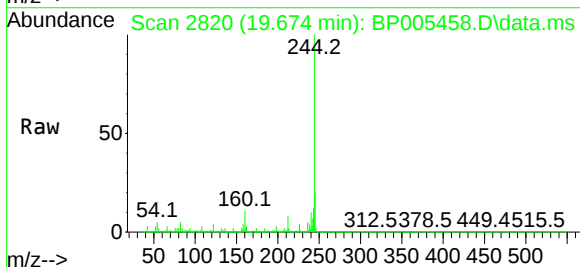
RT: 19.674 min Scan# 2820

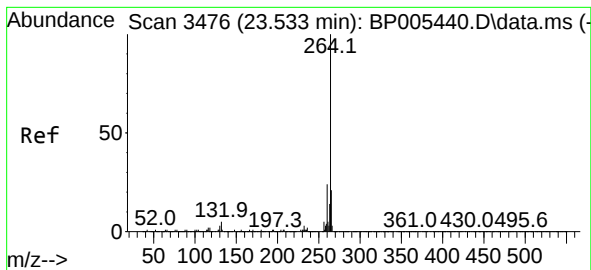
Delta R.T. -0.006 min

Lab File: BP005458.D

Acq: 07 May 2021 16:32

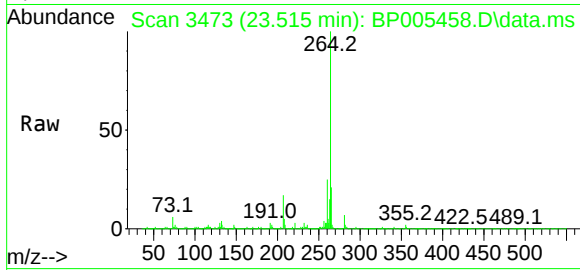
Tgt Ion:244	Resp:	314327
Ion Ratio	Lower	Upper
244	100	
212	7.7	5.8 8.6
122	4.1	5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.515 min Scan# 3473
 Delta R.T. -0.006 min
 Lab File: BP005458.D
 Acq: 07 May 2021 16:32

Instrument :
 BNA_P
 ClientSampleId :
 SP-1



Tgt Ion: 264 Resp: 116832

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	20.5	19.0	28.6

