

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005473.D
 Acq On : 10 May 2021 17:44
 Operator : CG/JU
 Sample : M2309-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-TP2

Quant Time: May 10 18:47:07 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)

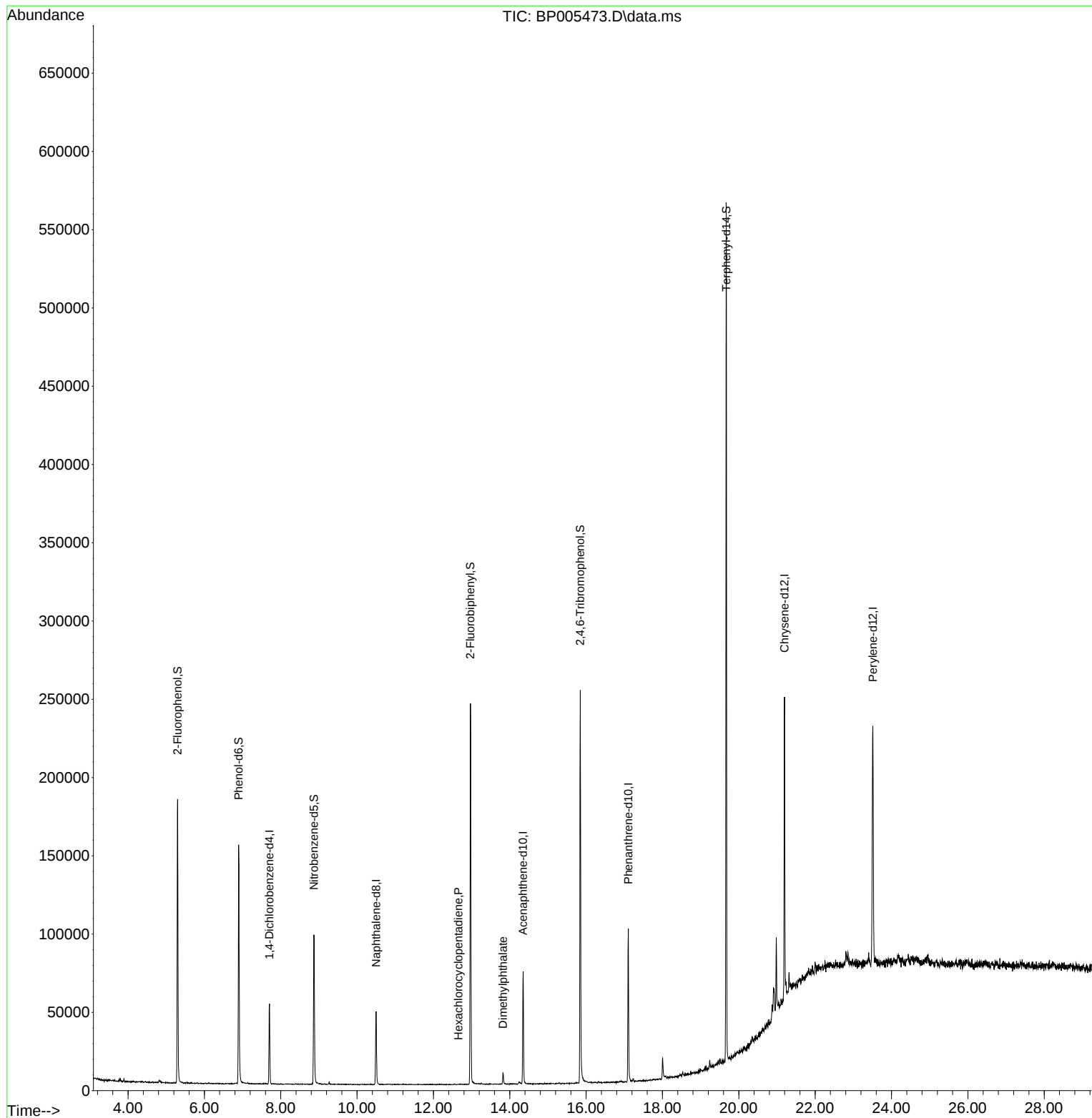
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	10947	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	31308	20.00	ng	# 0.00
39) Acenaphthene-d10	14.346	164	21920	20.00	ng	#-0.01
64) Phenanthrene-d10	17.104	188	55680	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	89147	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	118670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	57691	101.14	ng	0.00
7) Phenol-d6	6.899	99	60405	84.92	ng	0.00
23) Nitrobenzene-d5	8.869	82	51571	64.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	51697	83.11	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	107656	55.40	ng	-0.01
79) Terphenyl-d14	19.669	244	226797	43.20	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	40	Below Cal	#	1
9) Benzaldehyde	6.846	77	22	Below Cal	#	62
41) Hexachlorocyclopentadiene	12.657	237	15	7.90	ng	75
50) Dimethylphthalate	13.822	163	4979	2.63	ng	# 98

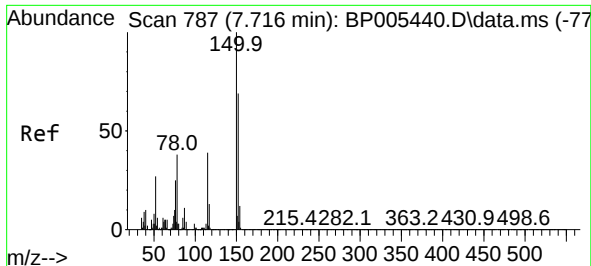
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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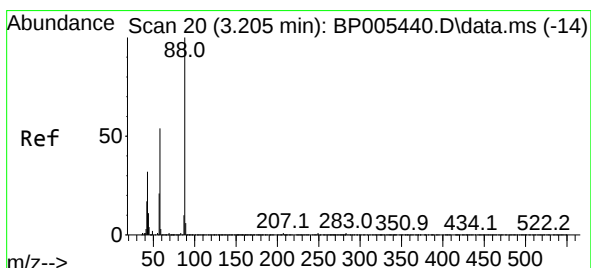
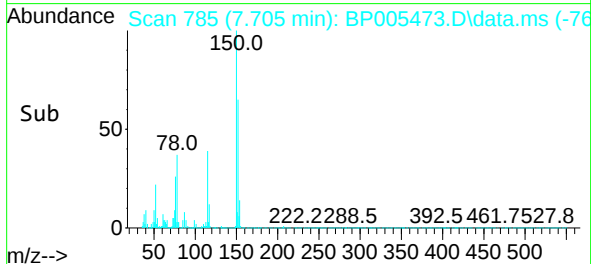
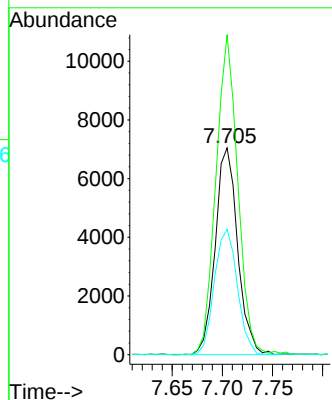
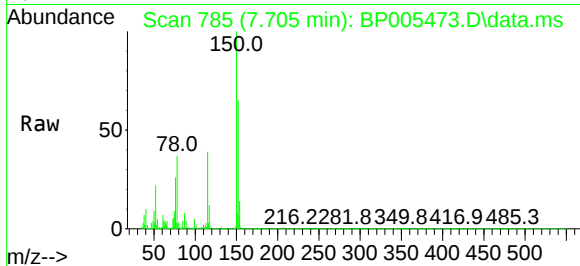




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.705 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: BP005473.D
 Acq: 10 May 2021 17:44

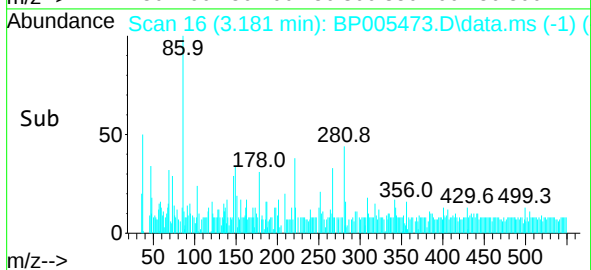
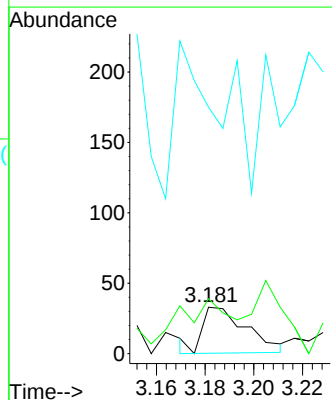
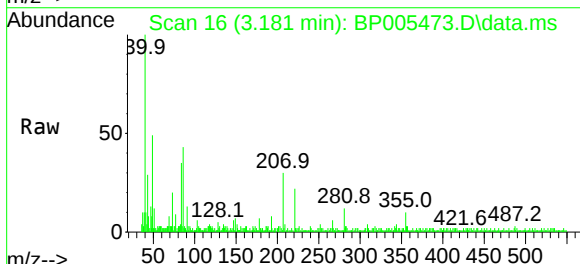
Instrument :
 BNA_P
 ClientSampleId :
 MH-TP2

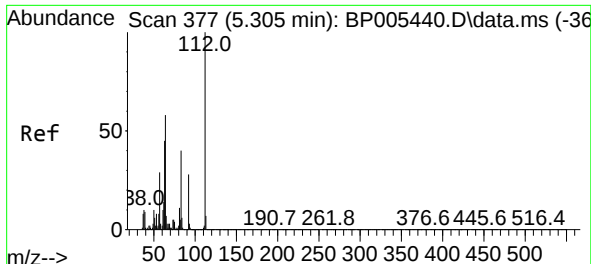
Tgt Ion:152 Resp: 10947
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.8 179.8
 115 60.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.181 min Scan# 16
 Delta R.T. -0.012 min
 Lab File: BP005473.D
 Acq: 10 May 2021 17:44

Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 58 152.5 42.5 63.7#
 43 275.0 19.8 29.8#

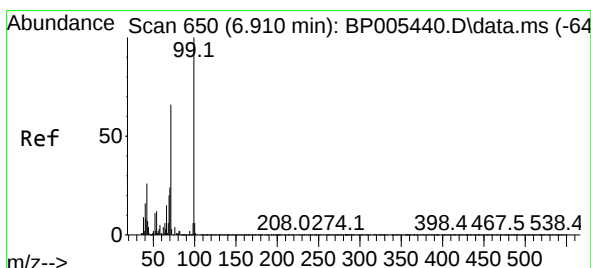
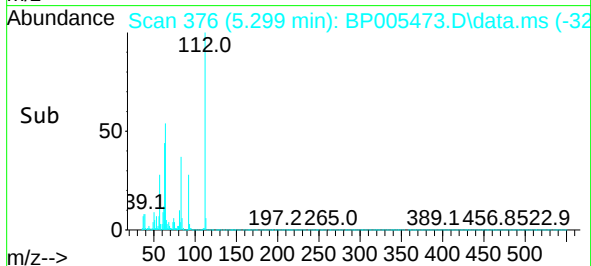
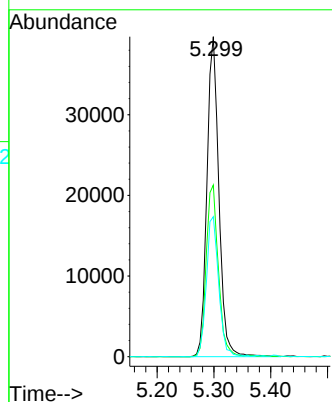
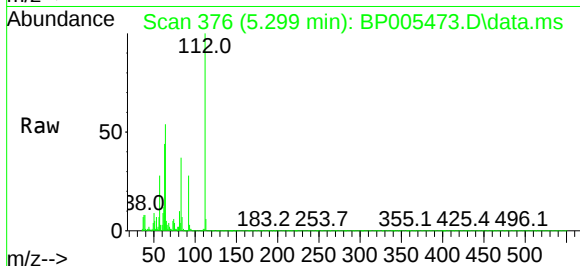




#5
2-Fluorophenol
Concen: 101.14 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

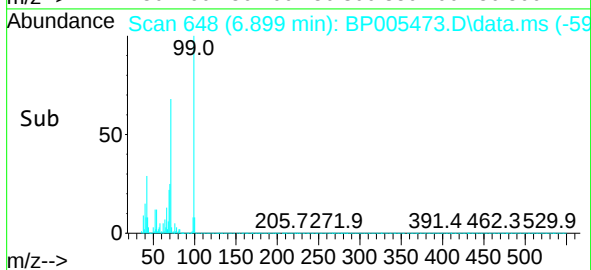
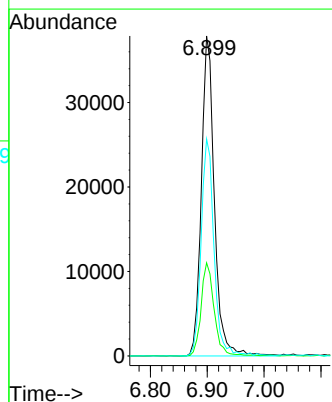
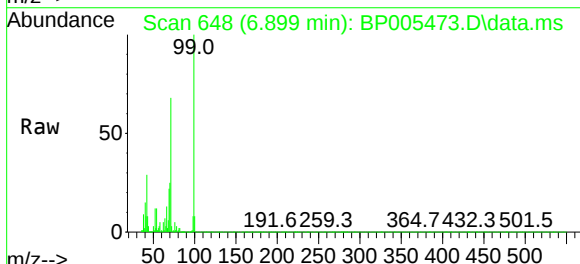
Instrument :
BNA_P
ClientSampleId :
MH-TP2

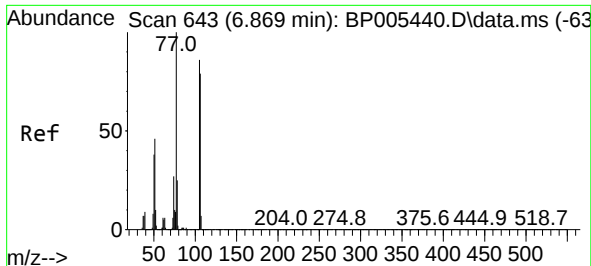
Tgt Ion:112 Resp: 57691
Ion Ratio Lower Upper
112 100
64 53.6 33.6 50.4#
63 43.8 18.6 27.8#



#7
Phenol-d6
Concen: 84.92 ng
RT: 6.899 min Scan# 648
Delta R.T. 0.000 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion: 99 Resp: 60405
Ion Ratio Lower Upper
99 100
42 29.1 12.9 19.3#
71 67.8 26.7 40.1#

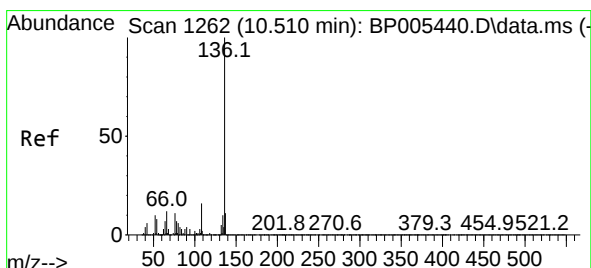
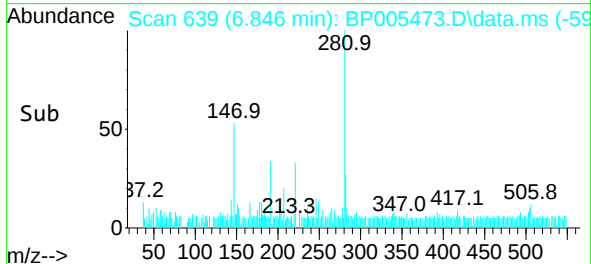
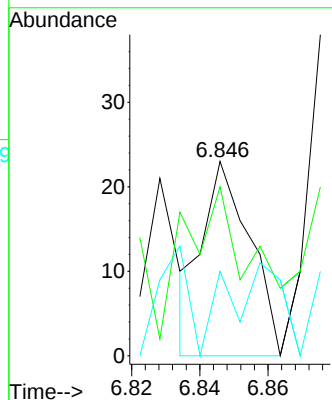
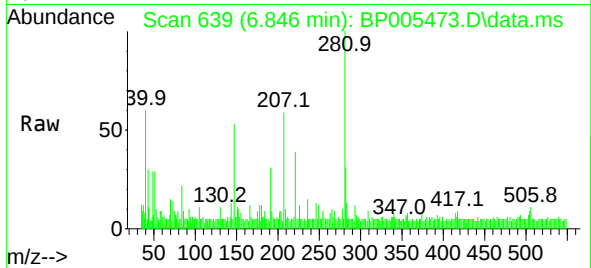




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 639
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

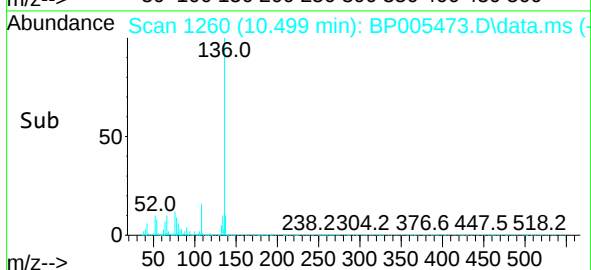
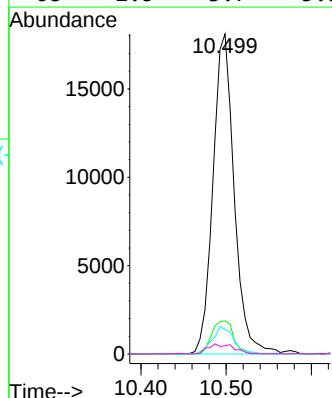
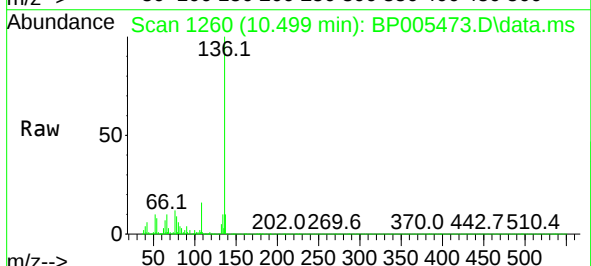
Instrument :
BNA_P
ClientSampled :
MH-TP2

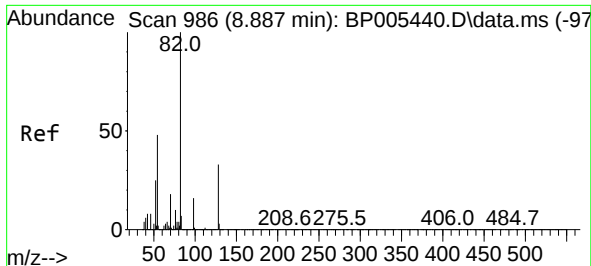
Tgt Ion: 77 Resp: 22
Ion Ratio Lower Upper
77 100
105 87.0 89.4 129.4#
106 43.5 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion: 136 Resp: 31308
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.6 5.0 7.4#
68 2.5 3.7 5.5#

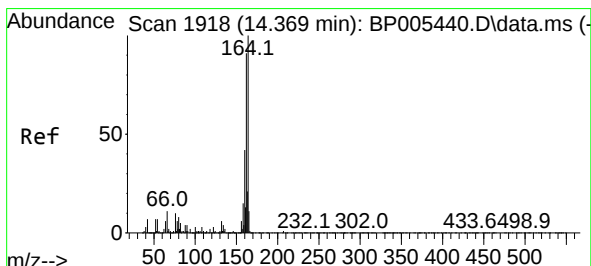
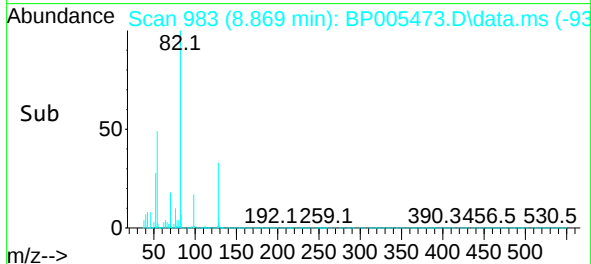
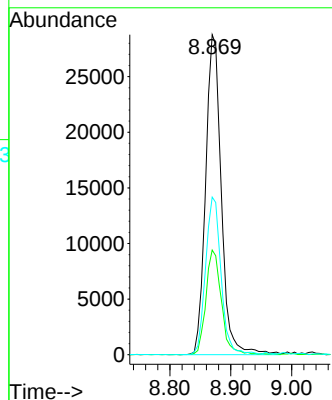
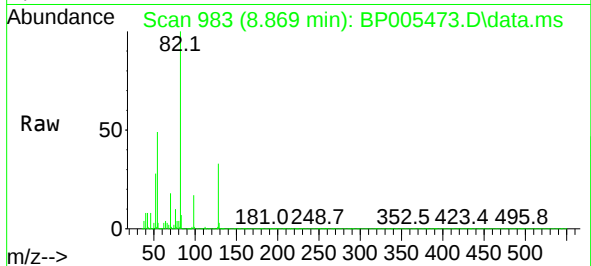




#23
Nitrobenzene-d5
Concen: 64.83 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

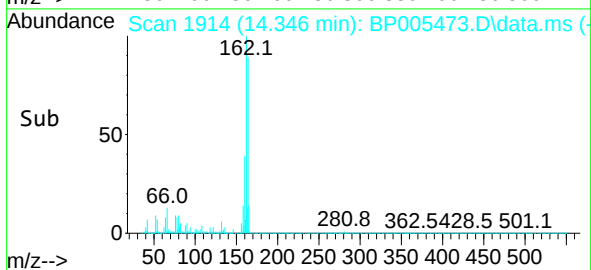
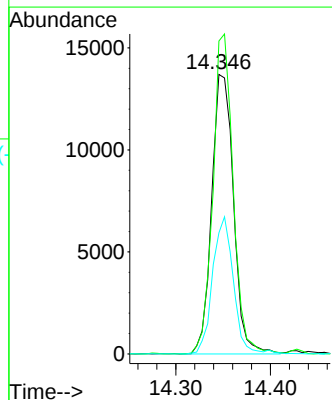
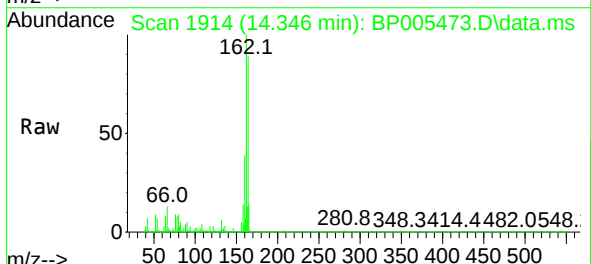
Instrument :
BNA_P
ClientSampleId :
MH-TP2

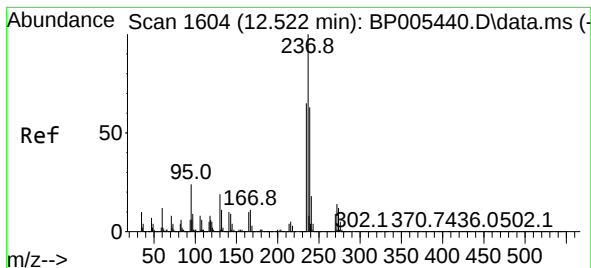
Tgt Ion: 82 Resp: 51571
Ion Ratio Lower Upper
82 100
128 32.7 30.5 45.7
54 49.3 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion: 164 Resp: 21920
Ion Ratio Lower Upper
164 100
162 111.9 73.5 110.3#
160 43.4 40.6 61.0

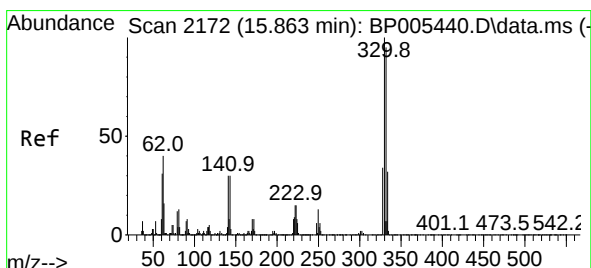
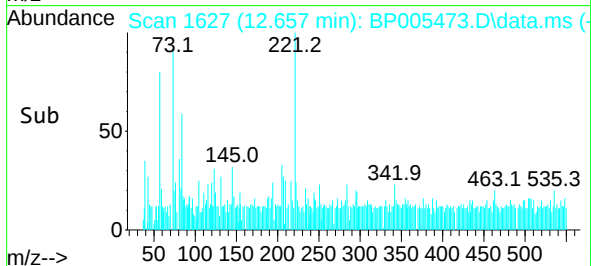
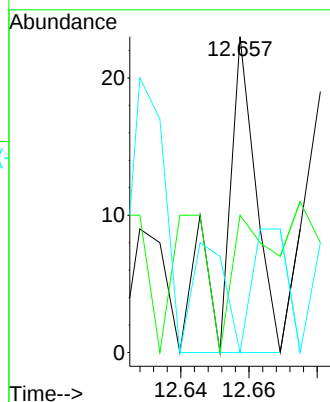
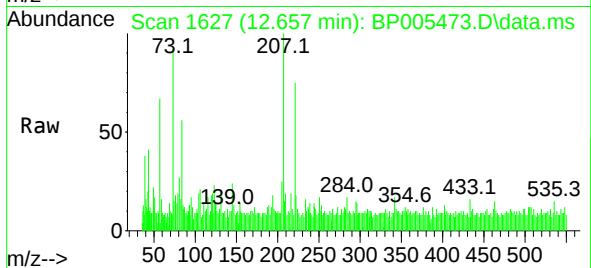




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.147 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

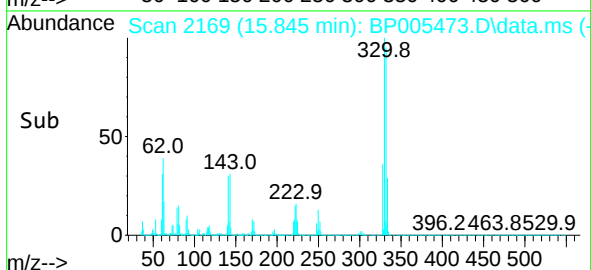
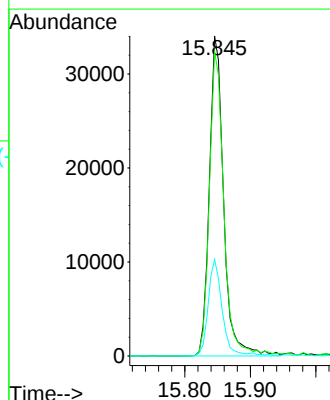
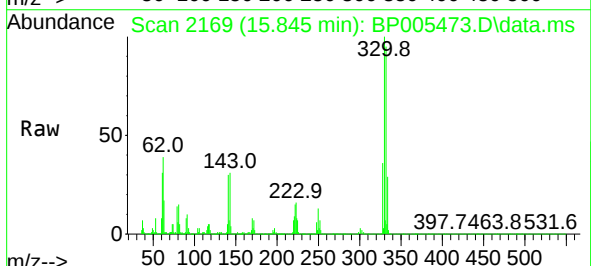
Instrument :
BNA_P
ClientSampled :
MH-TP2

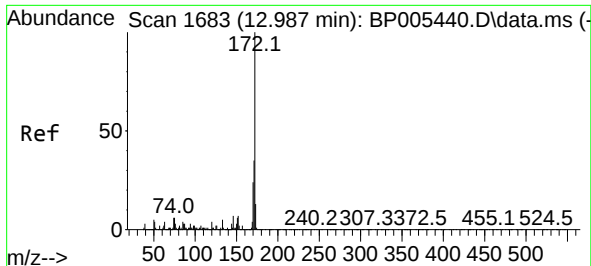
Tgt Ion:	237	Resp:	15
Ion	Ratio	Lower	Upper
237	100		
235	43.5	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 83.11 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion:	330	Resp:	51697
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.3	114.5
141	28.8	22.8	34.2

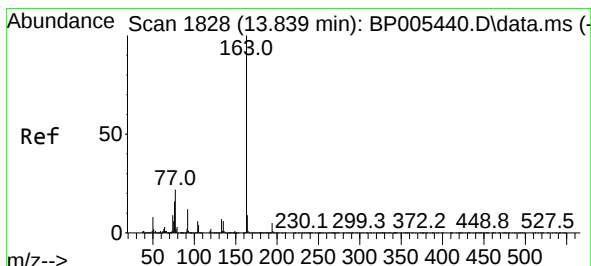
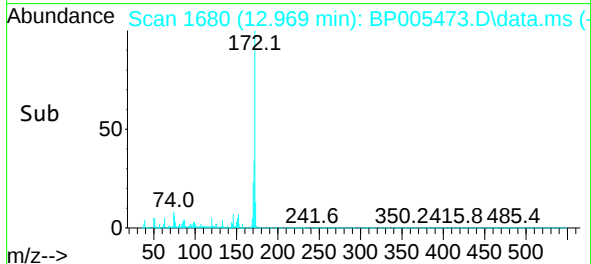
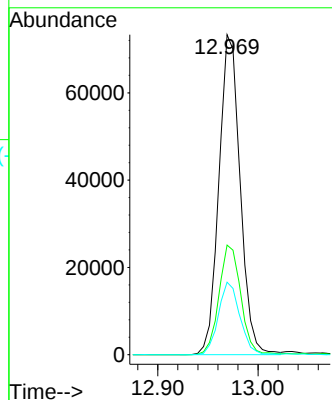
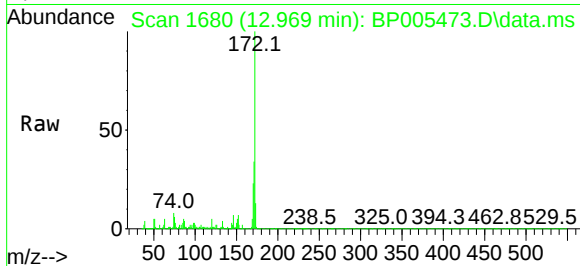




#45
2-Fluorobiphenyl
Concen: 55.40 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

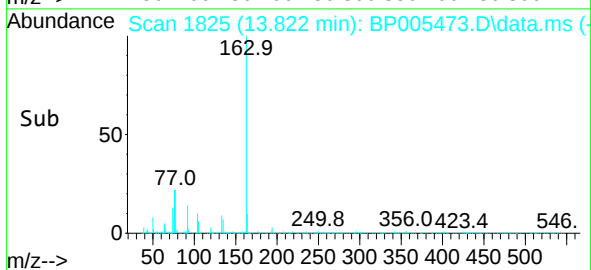
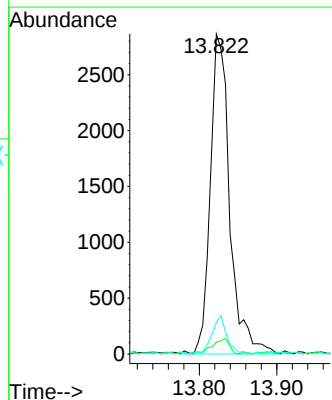
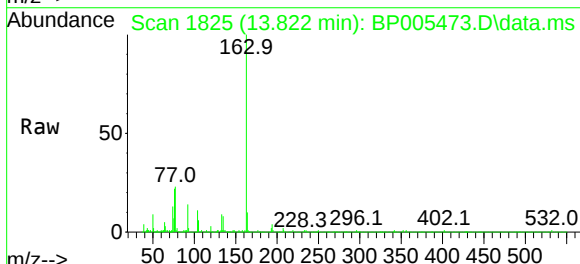
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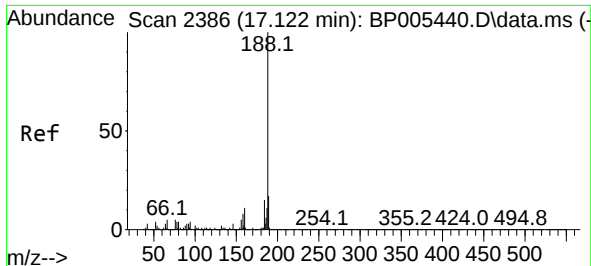
Tgt Ion:172 Resp: 107656
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.6 19.6 29.4



#50
Dimethylphthalate
Concen: 2.63 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion:163 Resp: 4979
Ion Ratio Lower Upper
163 100
194 3.7 3.9 5.9#
164 9.8 8.1 12.1

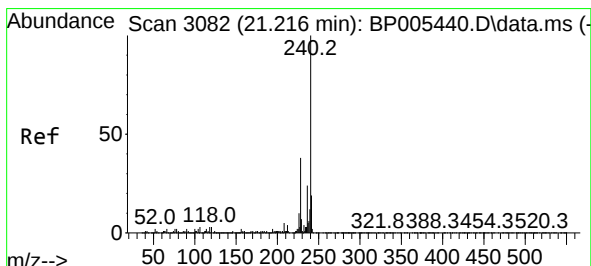
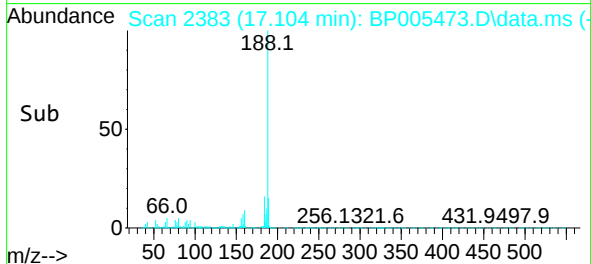
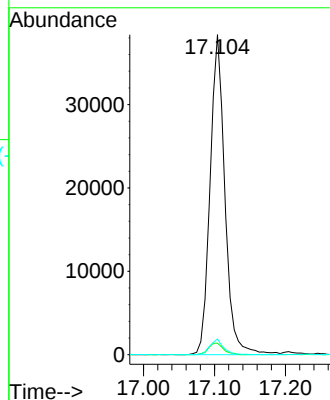
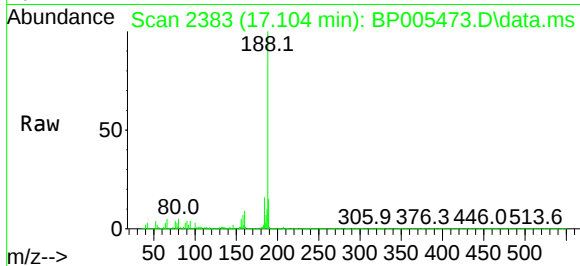




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

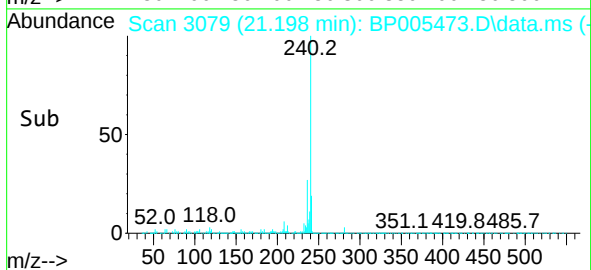
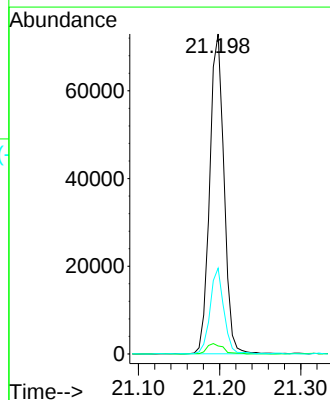
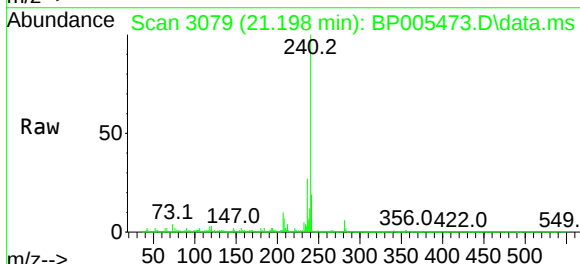
Instrument :
BNA_P
ClientSampleId :
MH-TP2

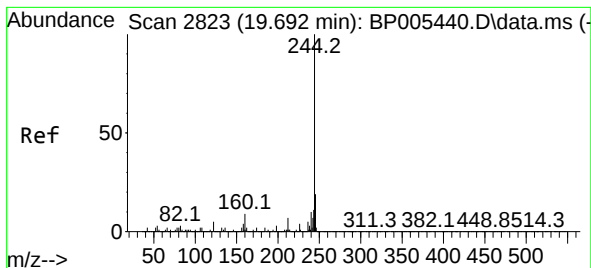
Tgt Ion:188 Resp: 55680
Ion Ratio Lower Upper
188 100
94 3.6 5.0 7.6#
80 4.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion:240 Resp: 89147
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 26.8 20.2 30.2

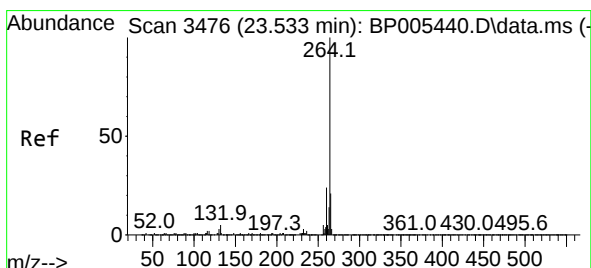
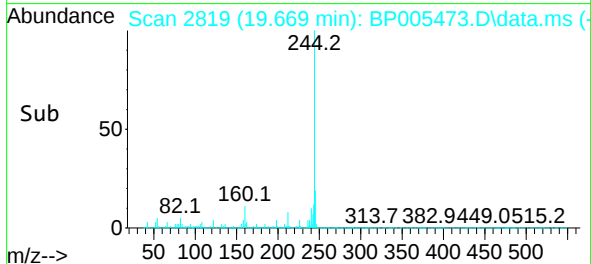
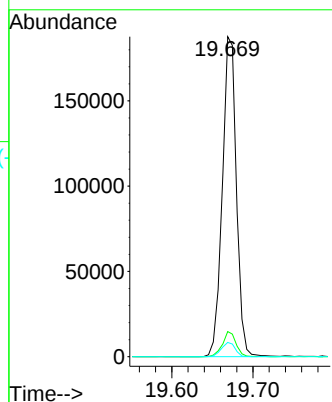
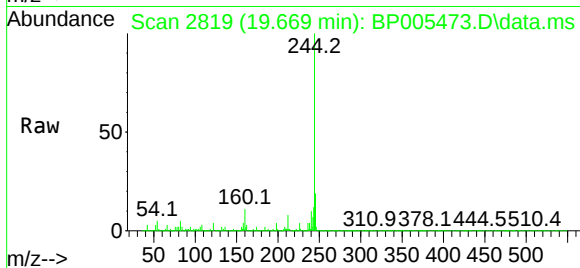




#79
Terphenyl-d14
Concen: 43.20 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Instrument :
BNA_P
ClientSampleId :
MH-TP2

Tgt Ion:244 Resp: 226797
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 4.4 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BP005473.D
Acq: 10 May 2021 17:44

Tgt Ion:264 Resp: 118670
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 22.6 19.0 28.6

