

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050721\
 Data File : BP005459.D
 Acq On : 07 May 2021 17:06
 Operator : CG/JU
 Sample : M2298-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CAL-AQIDW-20210504

Quant Time: May 07 17:44:57 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)

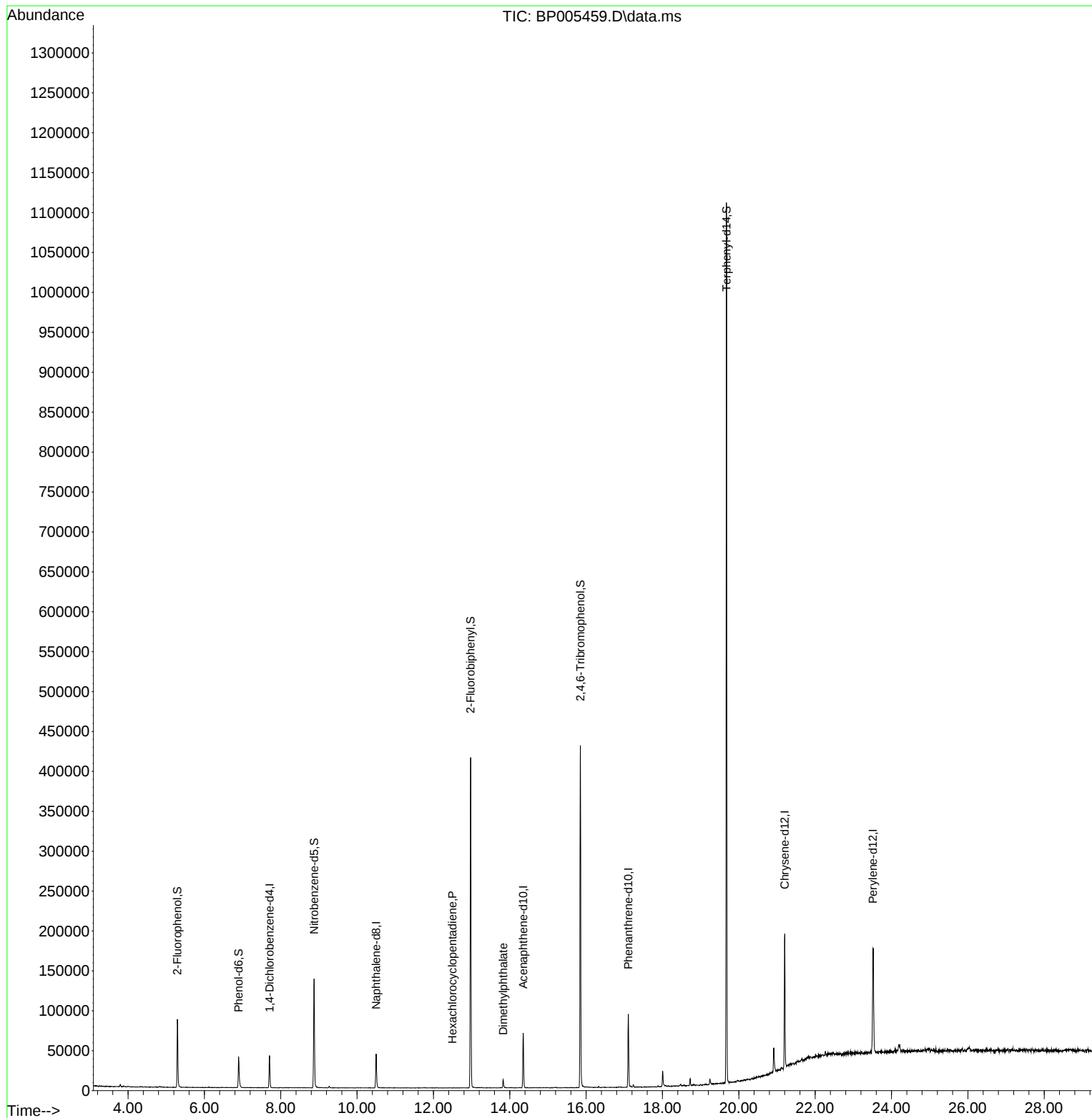
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	8398	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	25432	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	20853	20.00	ng	# 0.00
64) Phenanthrene-d10	17.104	188	52943	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	82511	20.00	ng	# 0.00
86) Perylene-d12	23.516	264	106134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	24680	56.40	ng	0.00
7) Phenol-d6	6.899	99	14798	27.12	ng	0.00
23) Nitrobenzene-d5	8.875	82	65568	101.48	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	80662	136.31	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	166934	90.30	ng	0.00
79) Terphenyl-d14	19.675	244	438388	90.23	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	32	Below Cal	#	1
9) Benzaldehyde	6.852	77	9	Below Cal	#	32
41) Hexachlorocyclopentadiene	12.499	237	6	7.88	ng	# 76
50) Dimethylphthalate	13.828	163	6094	3.39	ng	# 92

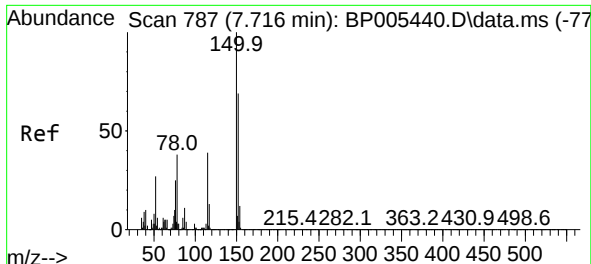
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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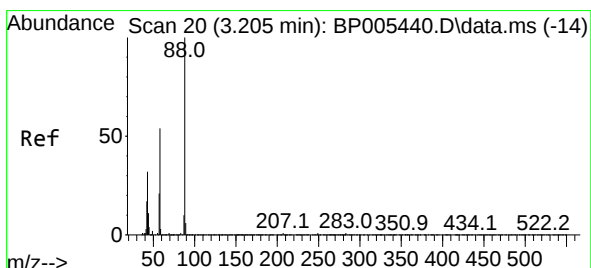
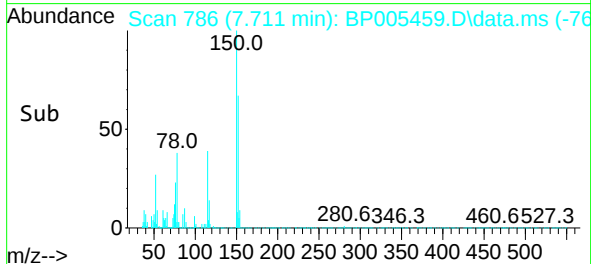
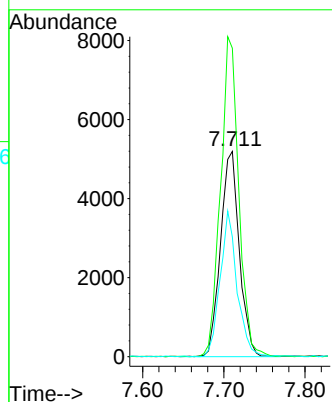
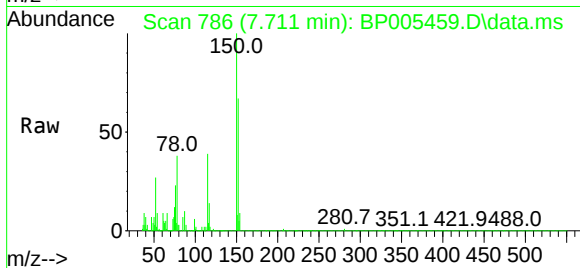




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.000 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

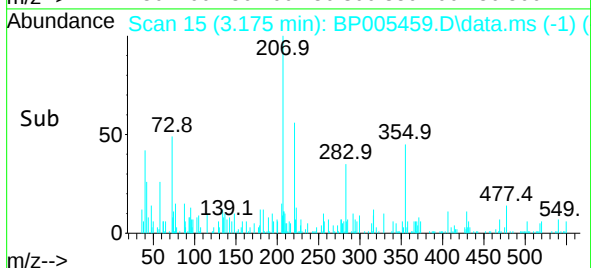
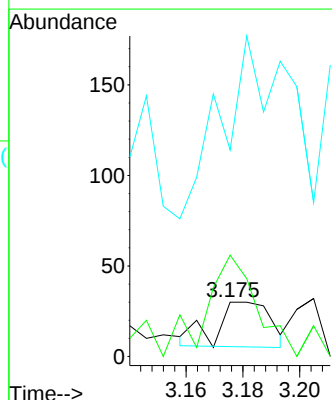
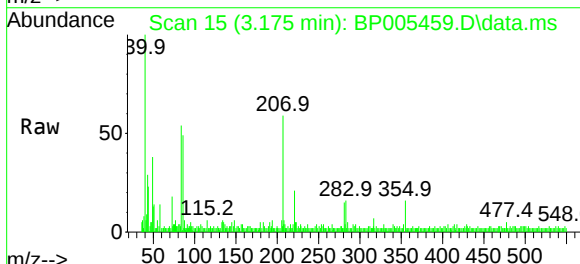
Instrument :
BNA_P
ClientSampleId :
CAL-AQIDW-20210504

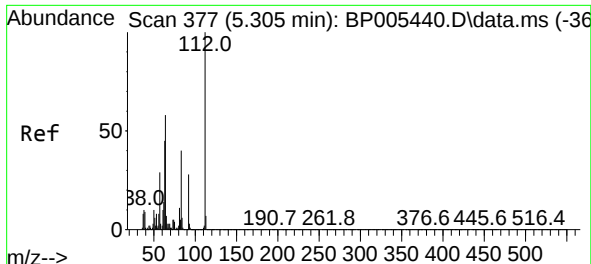
Tgt Ion:152 Resp: 8398
Ion Ratio Lower Upper
152 100
150 150.3 119.8 179.8
115 58.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.175 min Scan# 15
Delta R.T. -0.018 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
58 237.5 42.5 63.7#
43 506.3 19.8 29.8#

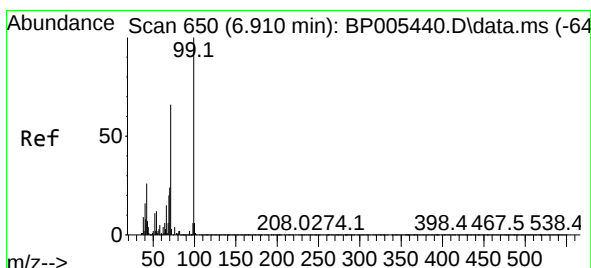
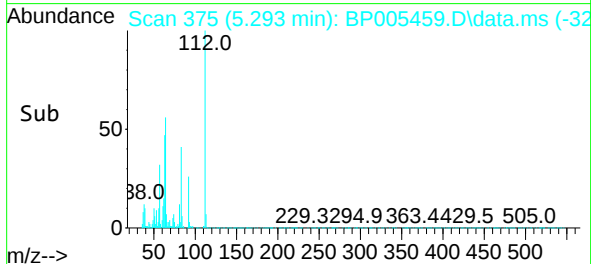
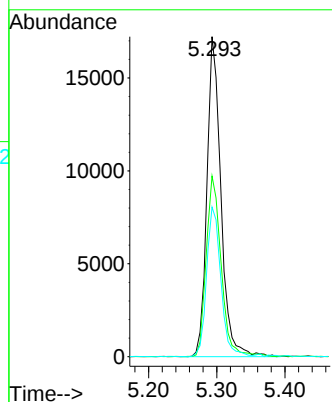
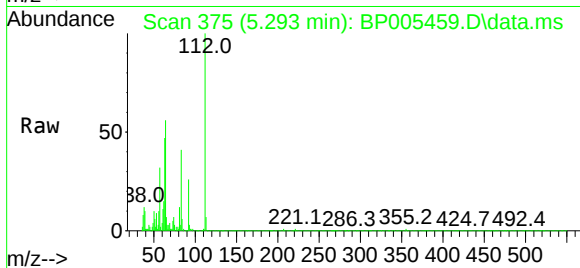




#5
2-Fluorophenol
Concen: 56.40 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

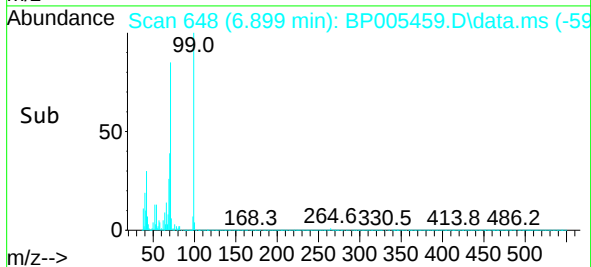
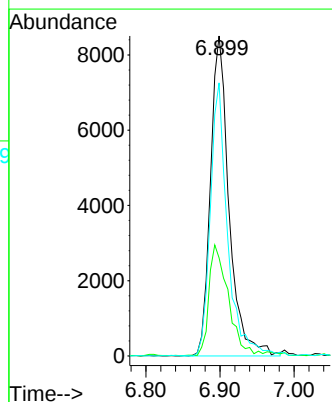
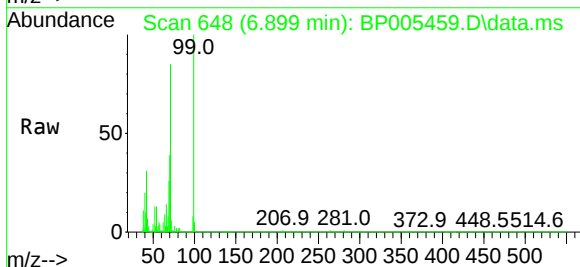
Instrument :
BNA_P
ClientSampleId :
CAL-AQIDW-20210504

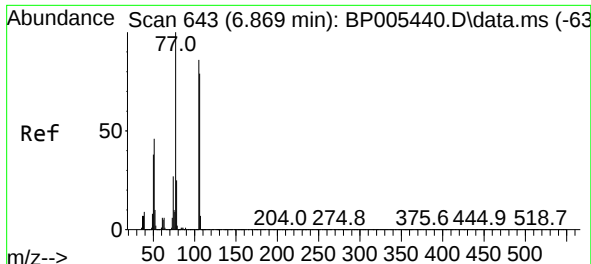
Tgt Ion:112 Resp: 24680
Ion Ratio Lower Upper
112 100
64 56.5 33.6 50.4#
63 46.7 18.6 27.8#



#7
Phenol-d6
Concen: 27.12 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion: 99 Resp: 14798
Ion Ratio Lower Upper
99 100
42 30.7 12.9 19.3#
71 85.3 26.7 40.1#

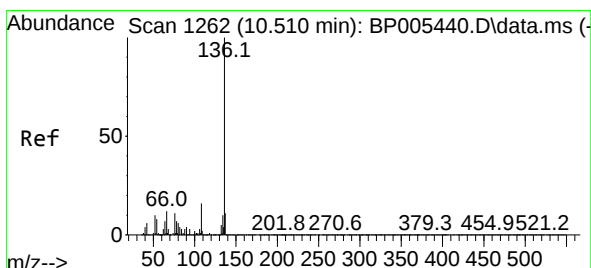
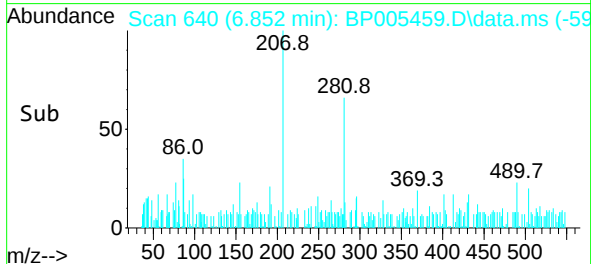
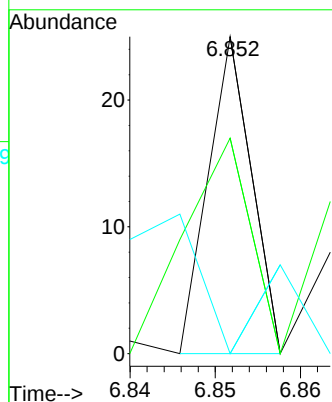
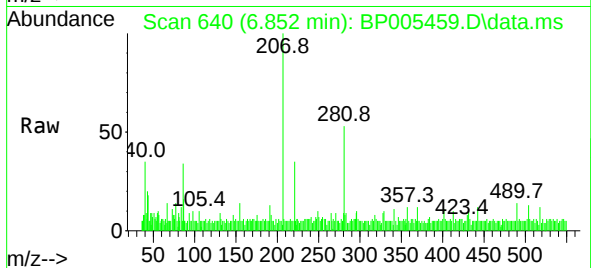




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

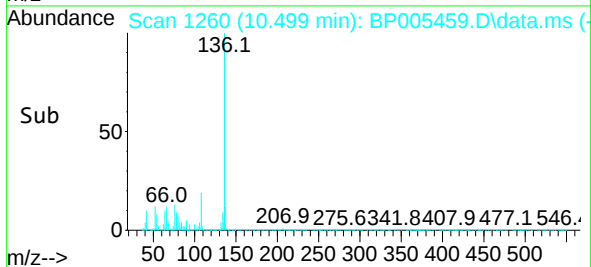
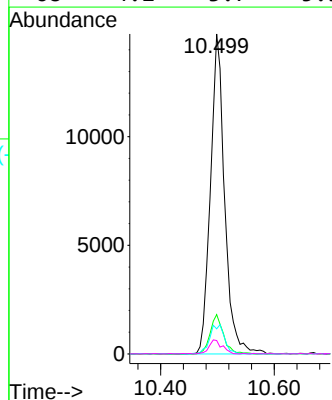
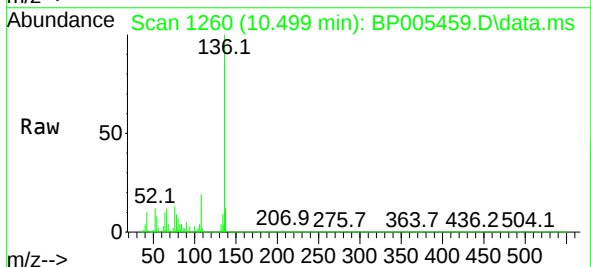
Instrument :
BNA_P
ClientSampleId :
CAL-AQIDW-20210504

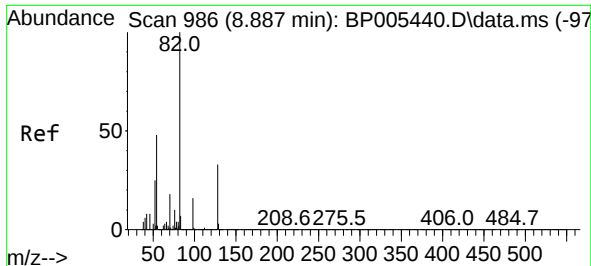
Tgt Ion: 77 Resp: 9
Ion Ratio Lower Upper
77 100
105 68.0 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion:136 Resp: 25432
Ion Ratio Lower Upper
136 100
137 12.3 8.9 13.3
54 7.8 5.0 7.4#
68 4.2 3.7 5.5

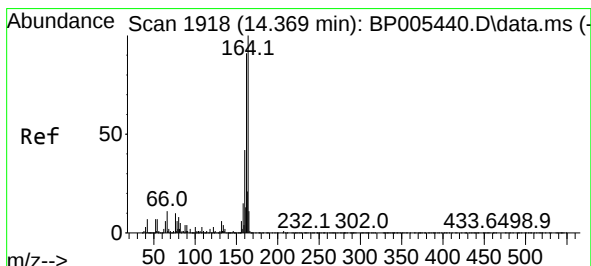
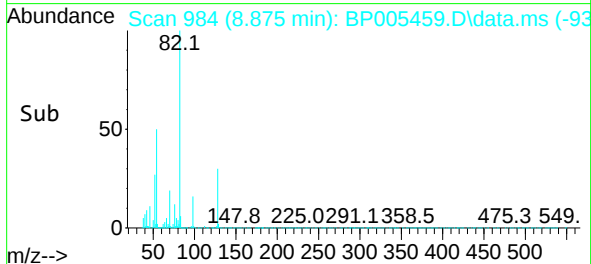
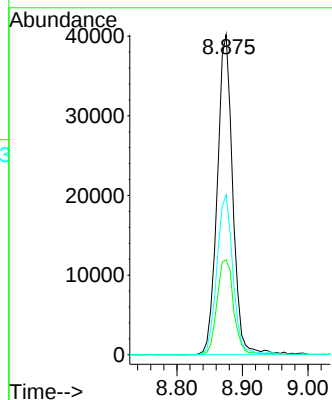
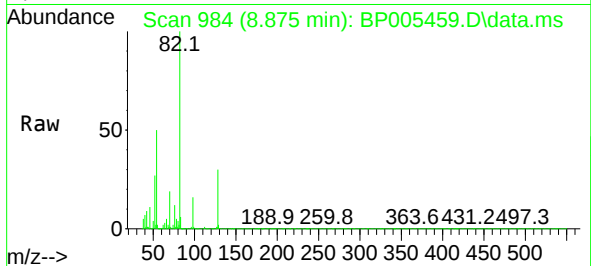




#23
Nitrobenzene-d5
Concen: 101.48 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

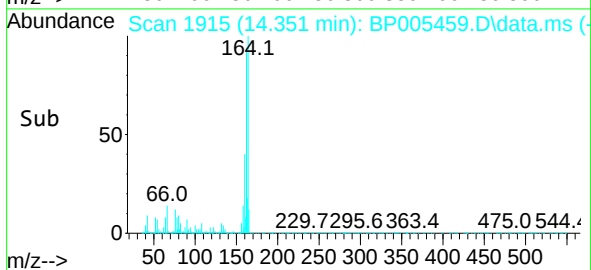
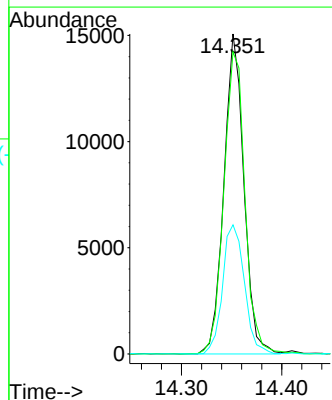
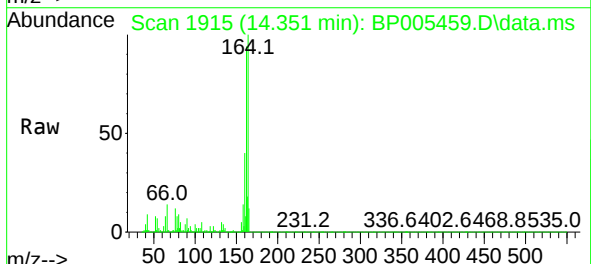
Instrument :
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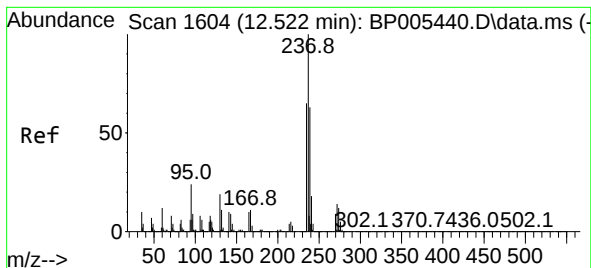
Tgt Ion: 82 Resp: 65568
Ion Ratio Lower Upper
82 100
128 29.6 30.5 45.7#
54 49.9 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion: 164 Resp: 20853
Ion Ratio Lower Upper
164 100
162 94.4 73.5 110.3
160 40.3 40.6 61.0#

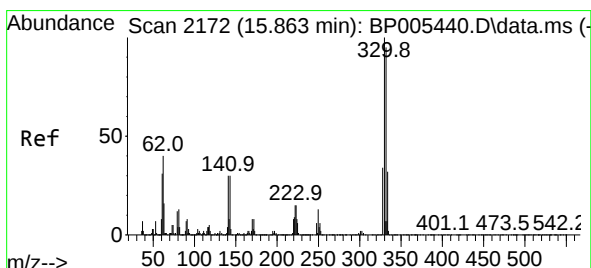
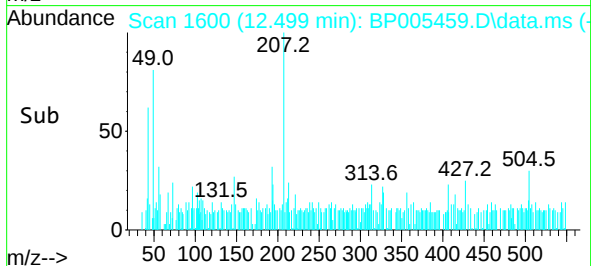
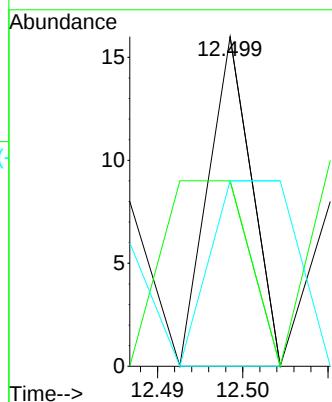
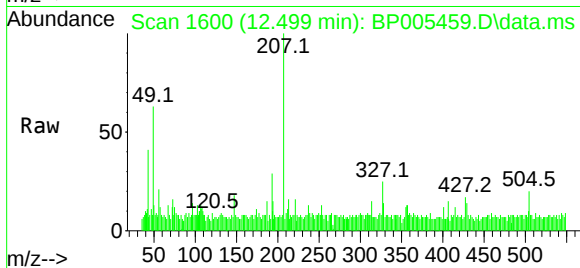




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.499 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

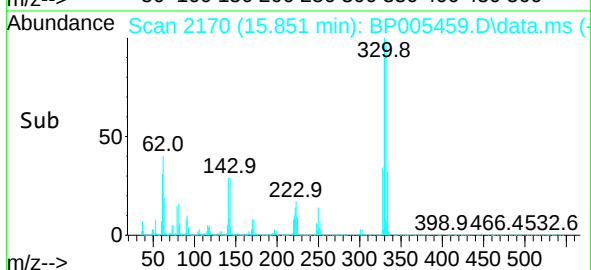
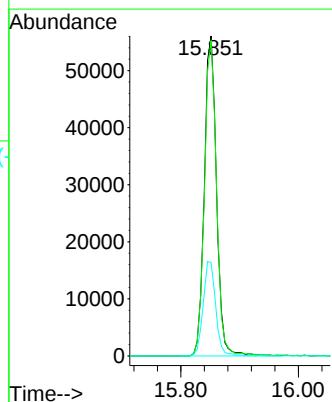
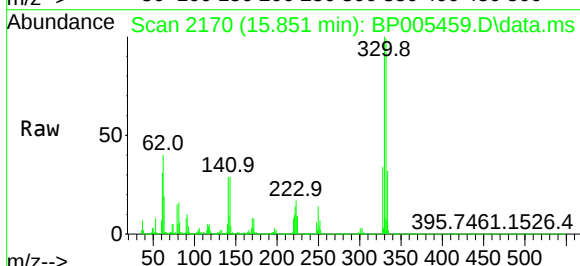
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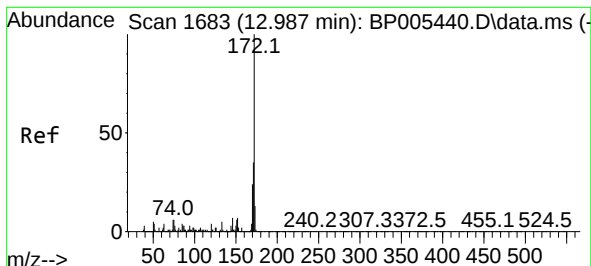
Tgt Ion:237	Resp:	6	
Ion	Ratio	Lower	Upper
237	100		
235	56.3	40.9	80.9
272	56.3	0.0	34.6#



#42
2,4,6-Tribromophenol
Concen: 136.31 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion:330	Resp:	80662	
Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.3	114.5
141	30.3	22.8	34.2

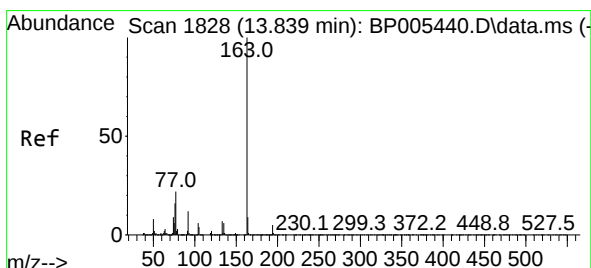
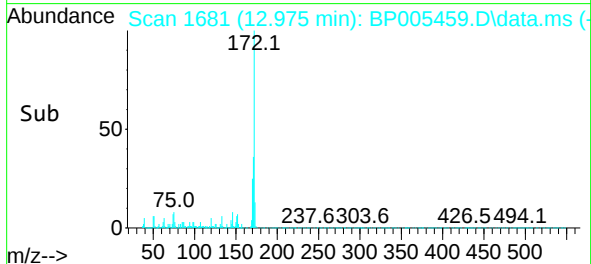
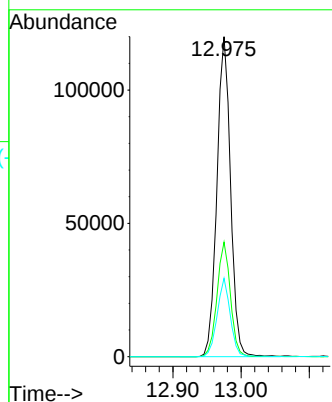
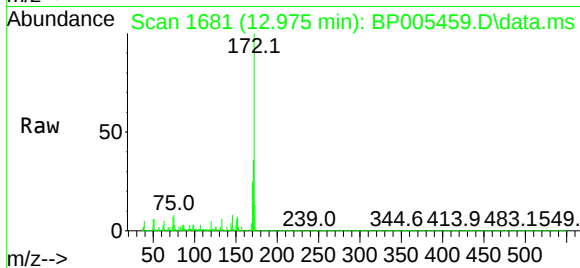




#45
2-Fluorobiphenyl
Concen: 90.30 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

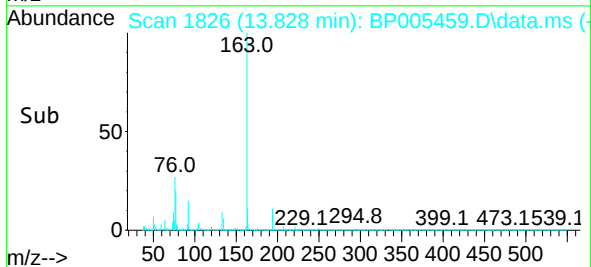
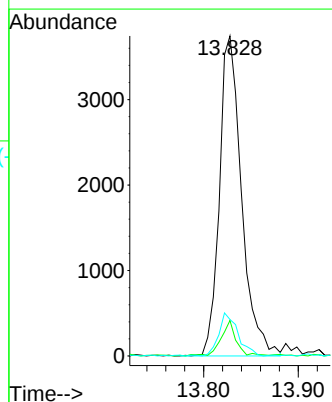
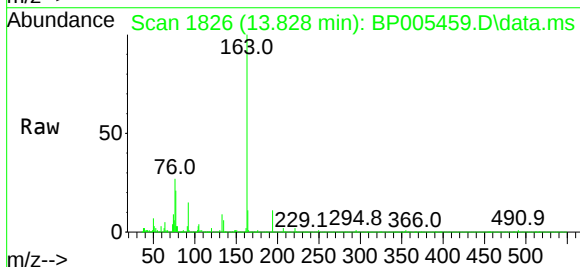
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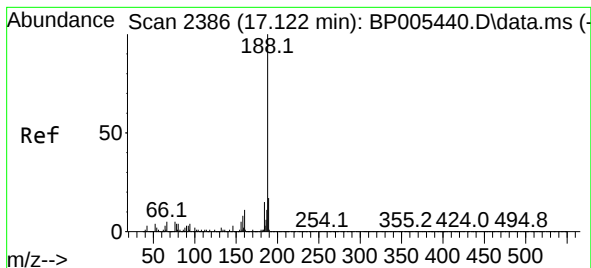
Tgt Ion:172 Resp: 166934
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.5 19.6 29.4



#50
Dimethylphthalate
Concen: 3.39 ng
RT: 13.828 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion:163 Resp: 6094
Ion Ratio Lower Upper
163 100
194 11.1 3.9 5.9#
164 11.4 8.1 12.1

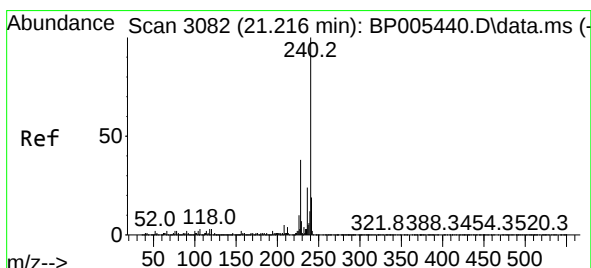
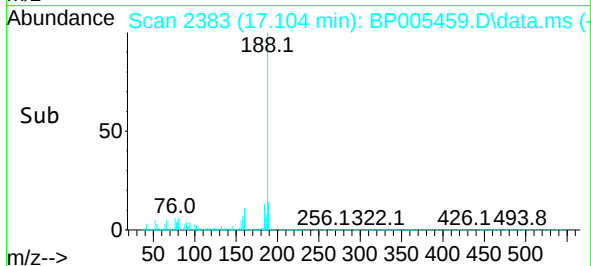
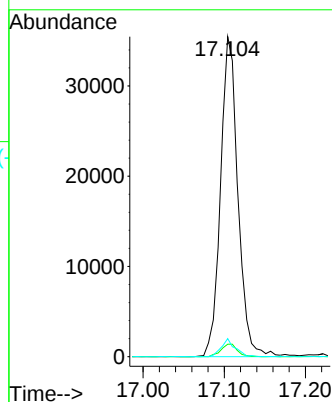
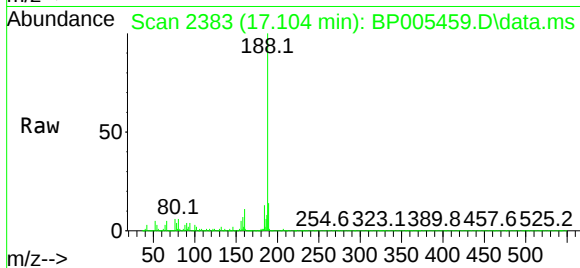




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

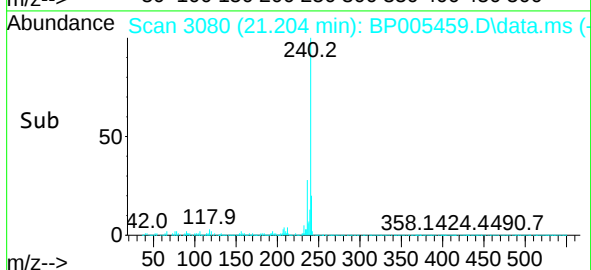
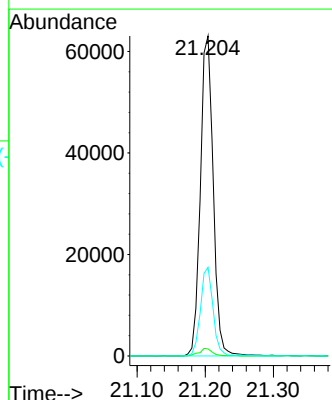
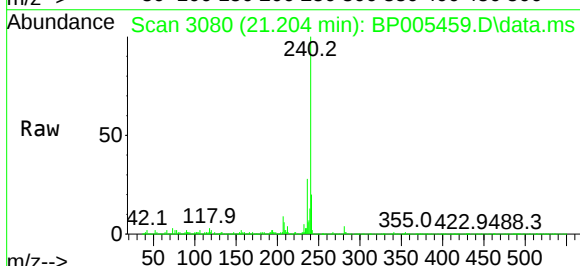
Instrument :
BNA_P
ClientSampleId :
CAL-AQIDW-20210504

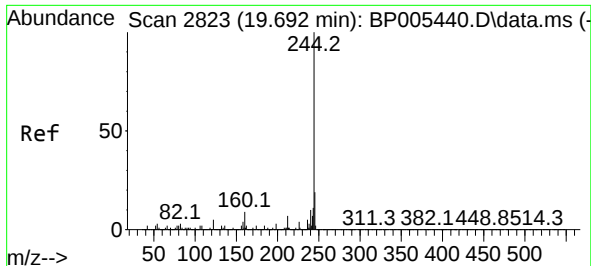
Tgt Ion:188 Resp: 52943
Ion Ratio Lower Upper
188 100
94 3.9 5.0 7.6#
80 5.7 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion:240 Resp: 82511
Ion Ratio Lower Upper
240 100
120 2.2 4.2 6.2#
236 27.7 20.2 30.2

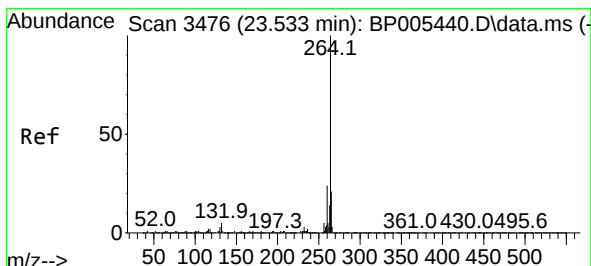
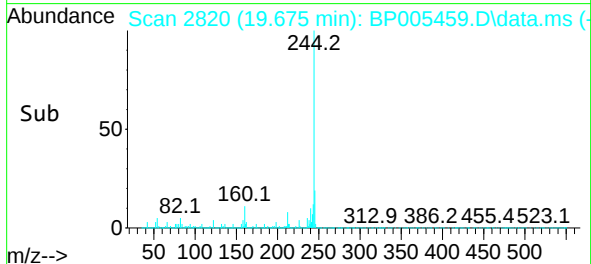
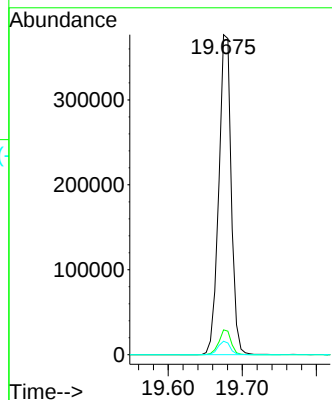
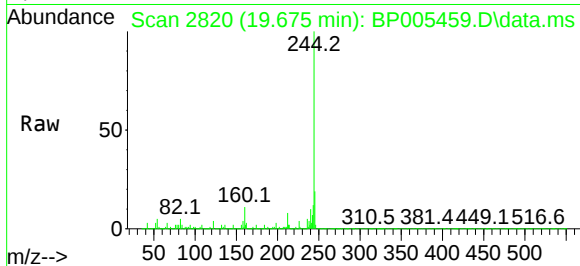




#79
Terphenyl-d14
Concen: 90.23 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Instrument :
BNA_P
ClientSampleId :
CAL-AQIDW-20210504

Tgt Ion:244 Resp: 438388
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 4.2 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.006 min
Lab File: BP005459.D
Acq: 07 May 2021 17:06

Tgt Ion:264 Resp: 106134
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.7 19.0 28.6

