

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005588.D
 Acq On : 17 May 2021 19:22
 Operator : CG/JU
 Sample : M2420-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCESSION-CP-2

Quant Time: May 18 00:54:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

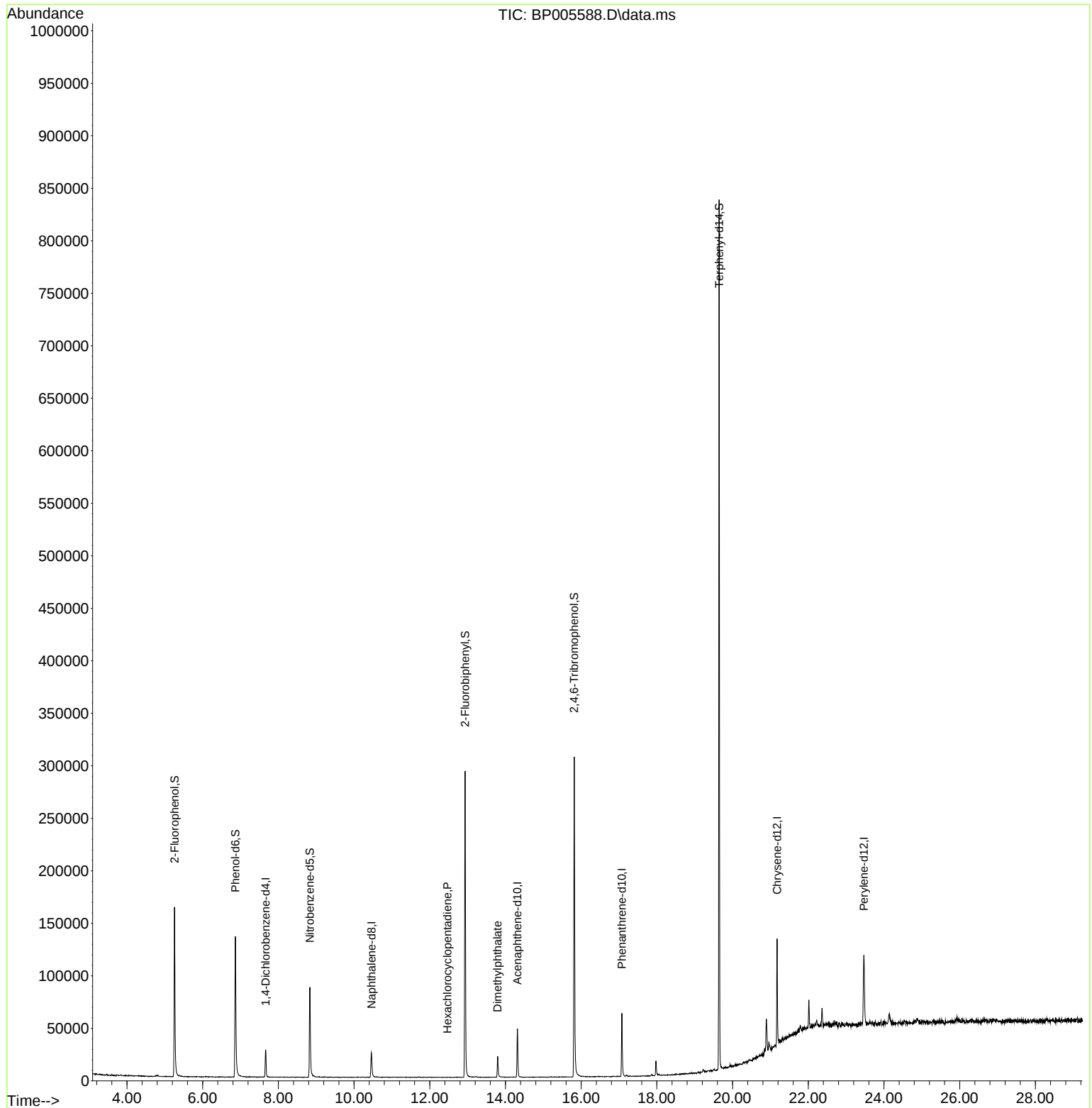
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	6042	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	17228	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	14820	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	36707	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	51120	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	54098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	52521	166.82	ng	0.00
7) Phenol-d6	6.863	99	57137	145.54	ng	0.00
23) Nitrobenzene-d5	8.834	82	49005	111.96	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	58975	140.23	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	131557	100.14	ng	0.00
79) Terphenyl-d14	19.645	244	325146	108.02	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.128	88	143	Below Cal	#	1
9) Benzaldehyde	6.787	77	15	Below Cal	#	18
41) Hexachlorocyclopentadiene	12.463	237	12	7.91	ng	85
50) Dimethylphthalate	13.792	163	13695	10.71	ng	# 93

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

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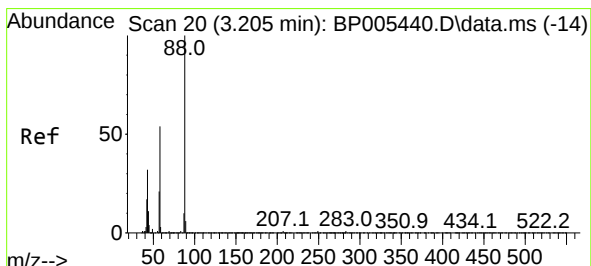
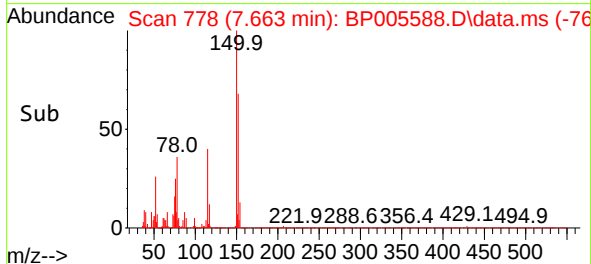
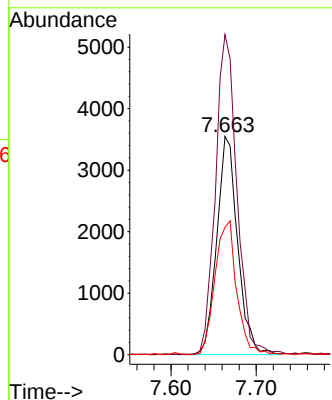
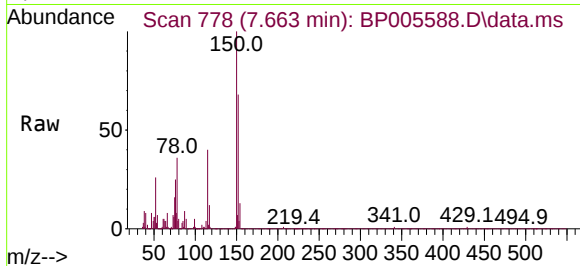




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

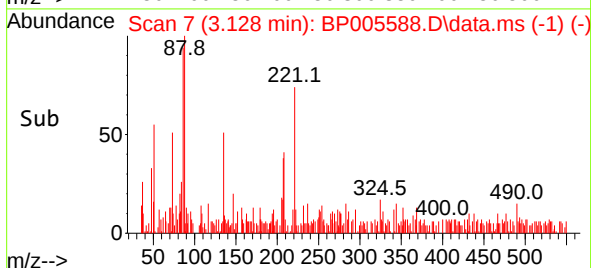
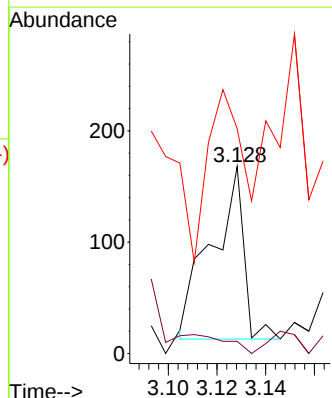
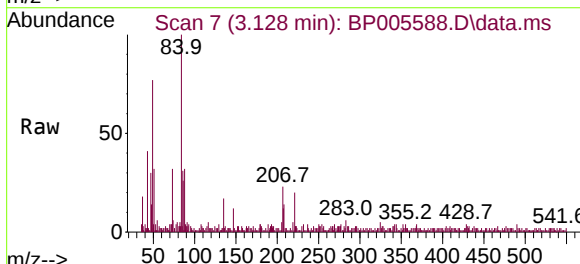
Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

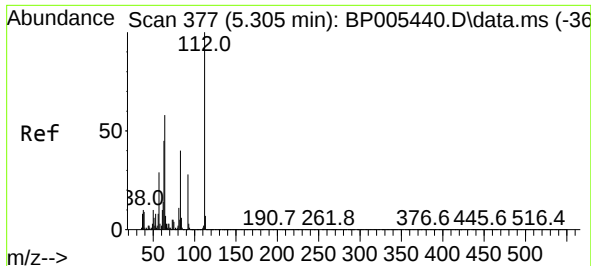
Tgt Ion:152 Resp: 6042
Ion Ratio Lower Upper
152 100
150 146.6 119.8 179.8
115 58.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.128 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 108.4 19.8 29.8#

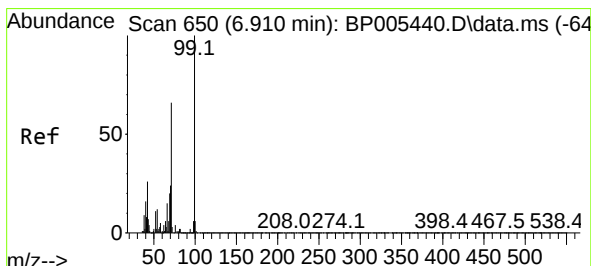
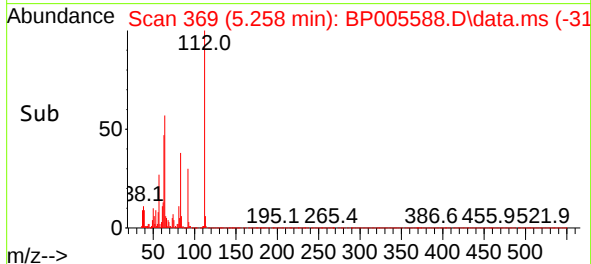
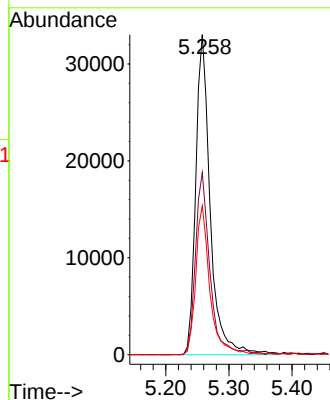
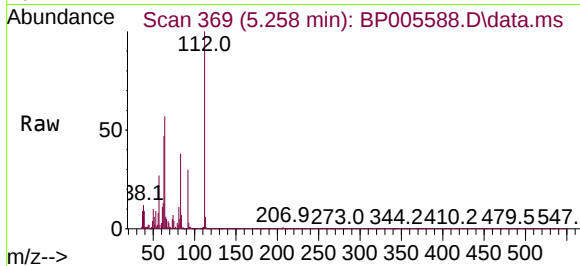




#5
2-Fluorophenol
Concen: 166.82 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

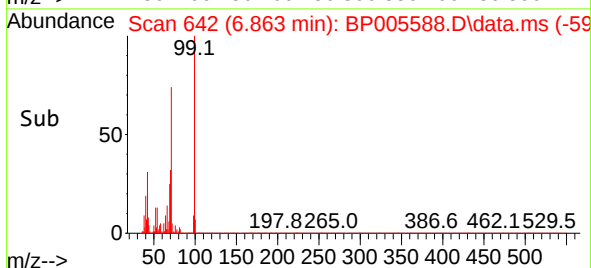
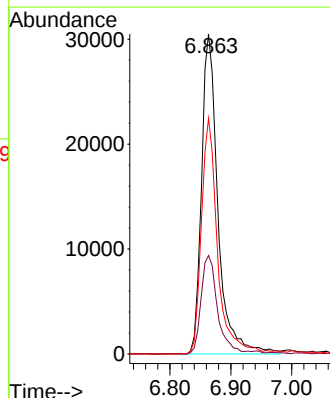
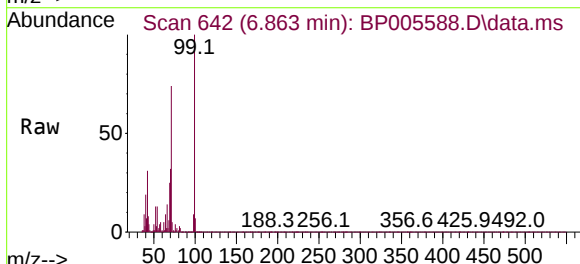
Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

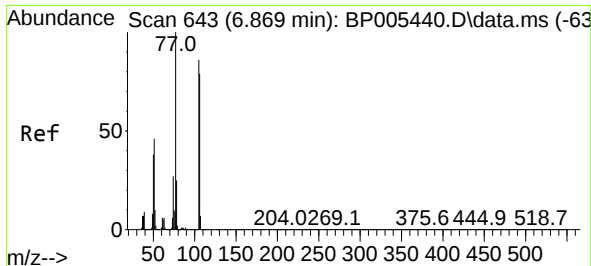
Tgt Ion:112 Resp: 52521
Ion Ratio Lower Upper
112 100
64 56.9 33.6 50.4#
63 46.5 18.6 27.8#



#7
Phenol-d6
Concen: 145.54 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion: 99 Resp: 57137
Ion Ratio Lower Upper
99 100
42 30.7 12.9 19.3#
71 73.7 26.7 40.1#

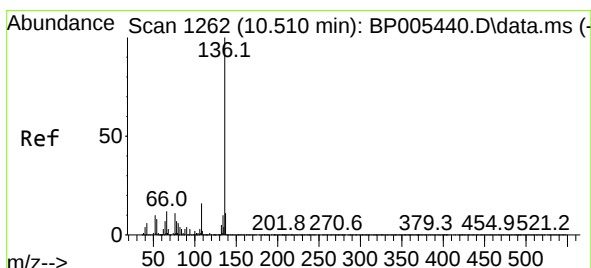
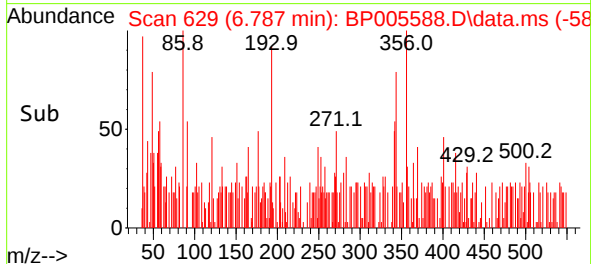
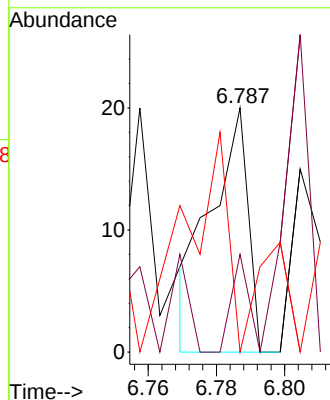
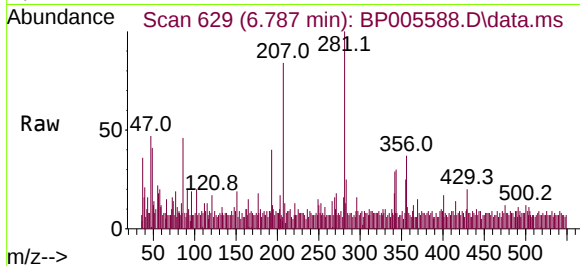




#9
Benzaldehyde
Concen: Below Cal
RT: 6.787 min Scan# 629
Delta R.T. -0.029 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

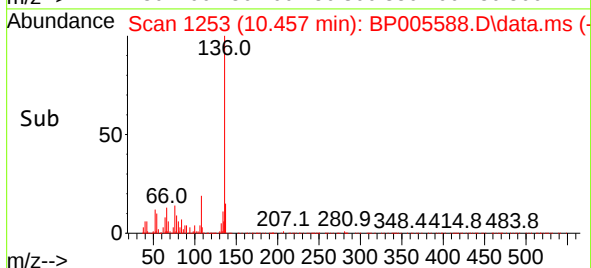
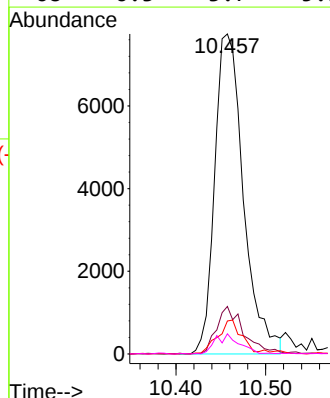
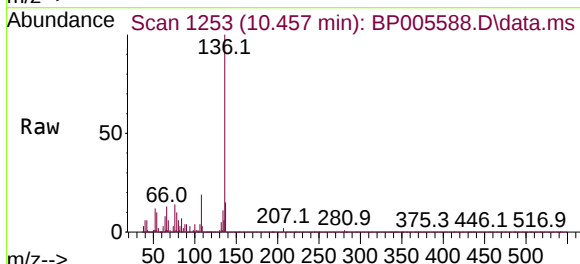
Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

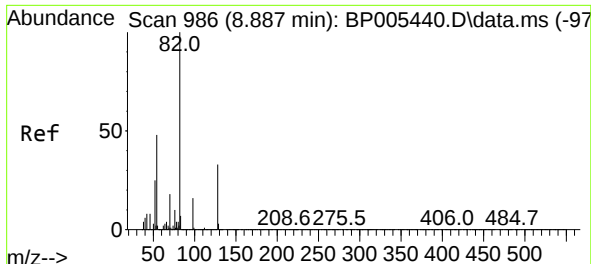
Tgt Ion: 77 Resp: 15
Ion Ratio Lower Upper
77 100
105 40.0 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion: 136 Resp: 17228
Ion Ratio Lower Upper
136 100
137 14.8 8.9 13.3#
54 10.3 5.0 7.4#
68 6.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 111.96 ng

RT: 8.834 min Scan# 977

Delta R.T. -0.000 min

Lab File: BP005588.D

Acq: 17 May 2021 19:22

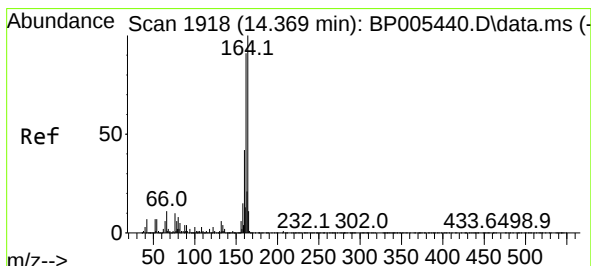
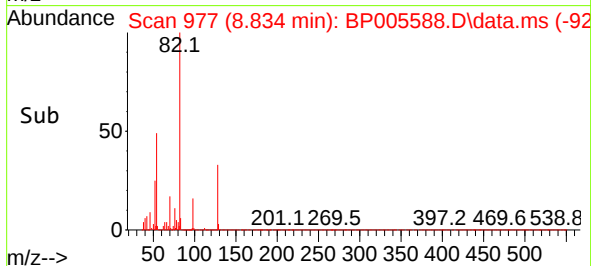
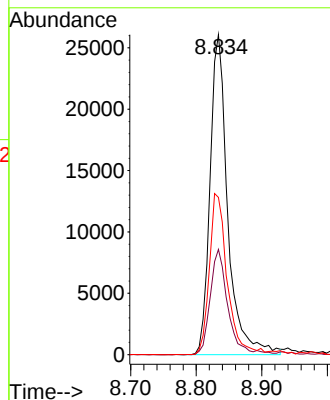
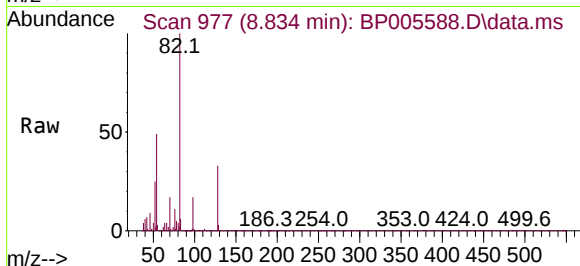
Instrument :

BNA_P

ClientSampleId :

CONCESSION-CP-2

Tgt Ion: 82	Resp: 49005
Ion Ratio	Lower Upper
82 100	
128 32.9	30.5 45.7
54 49.1	33.9 50.9



#39

Acenaphthene-d10

Concen: 20.00 ng

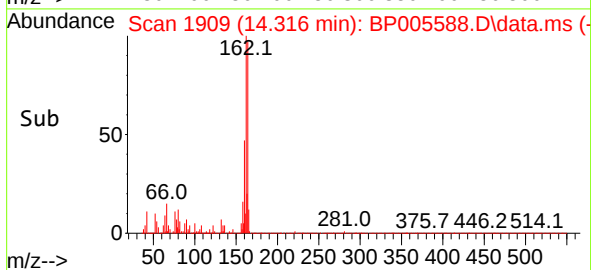
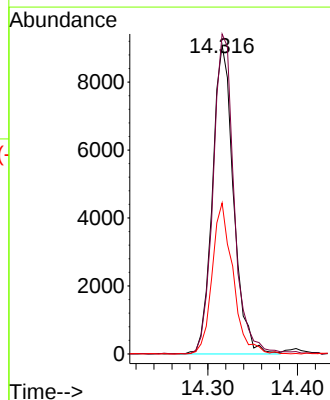
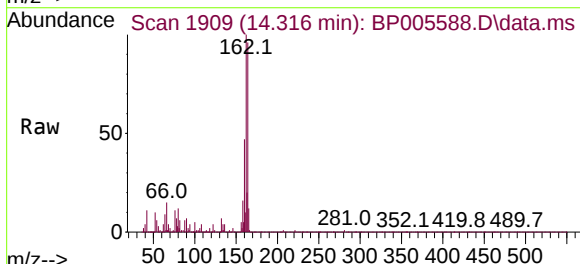
RT: 14.316 min Scan# 1909

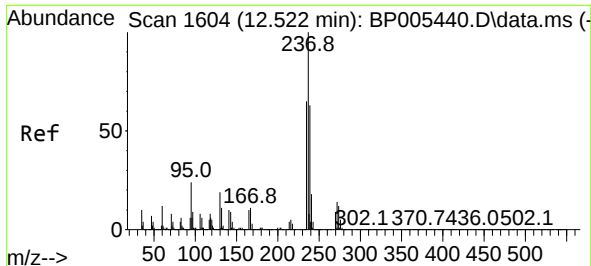
Delta R.T. -0.000 min

Lab File: BP005588.D

Acq: 17 May 2021 19:22

Tgt Ion: 164	Resp: 14820
Ion Ratio	Lower Upper
164 100	
162 103.7	73.5 110.3
160 48.9	40.6 61.0

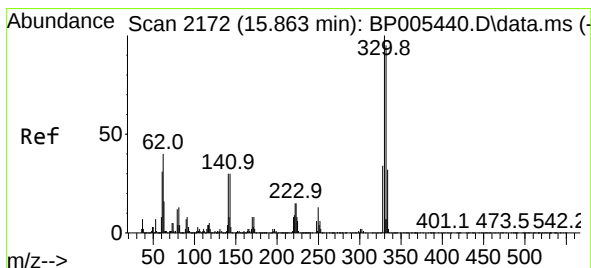
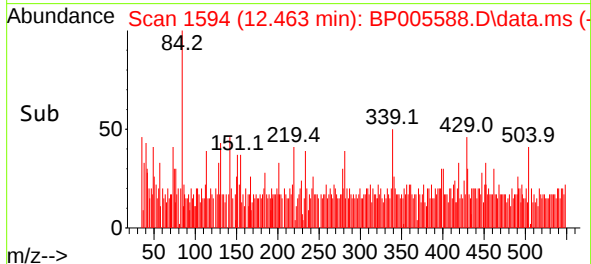
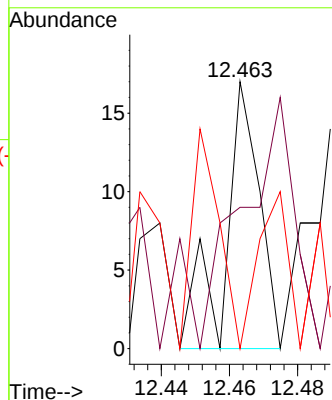
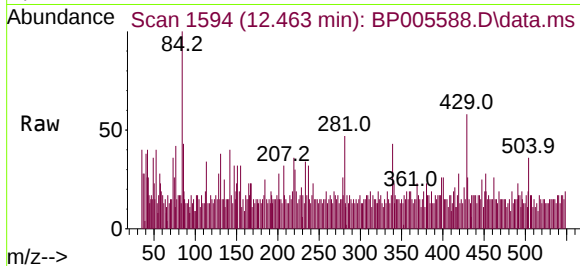




#41
Hexachlorocyclopentadiene
Concen: 7.91 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

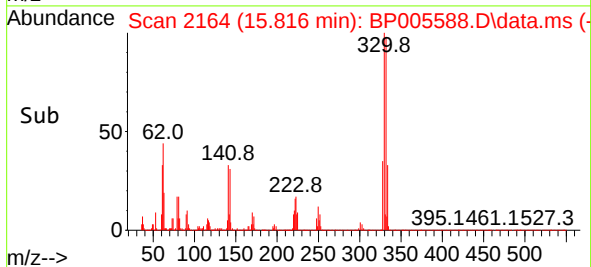
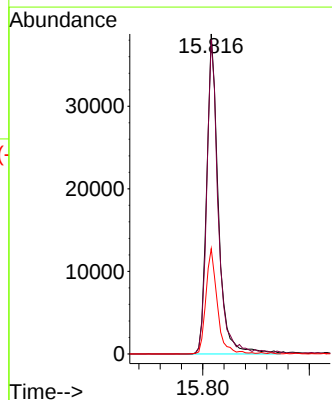
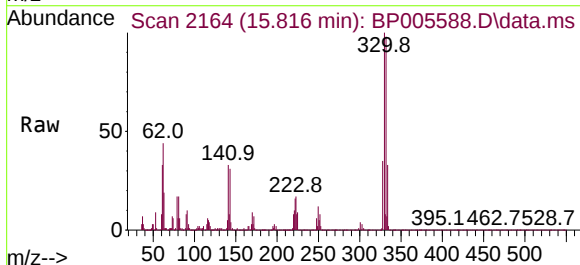
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BNA_P
ClientSampleId :
CONCESSION-CP-2

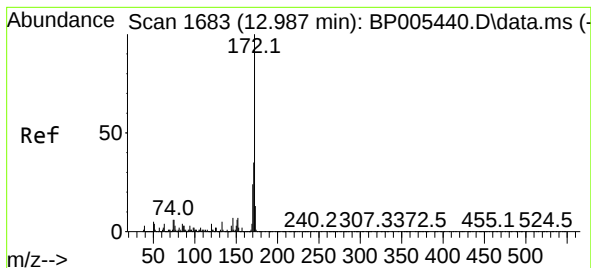
Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 52.9 40.9 80.9
272 0.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 140.23 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion:330 Resp: 58975
Ion Ratio Lower Upper
330 100
332 95.8 76.3 114.5
141 32.2 22.8 34.2

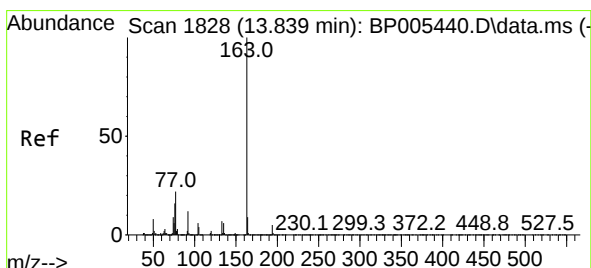
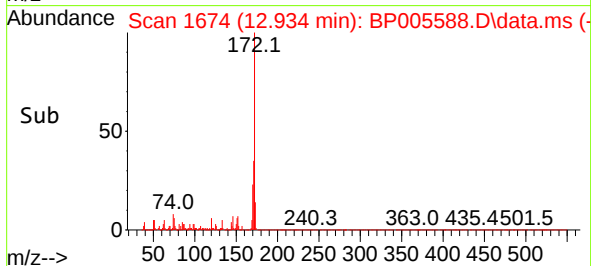
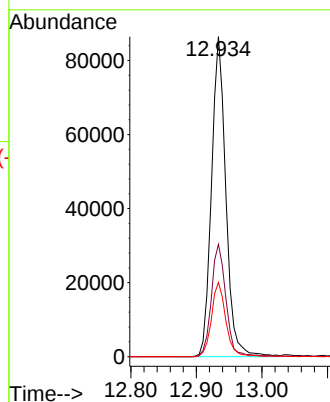
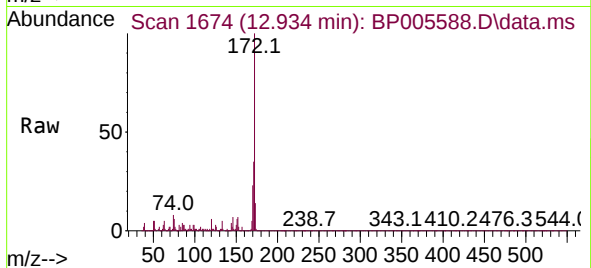




#45
2-Fluorobiphenyl
Concen: 100.14 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

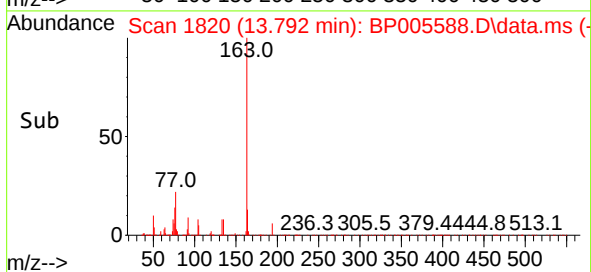
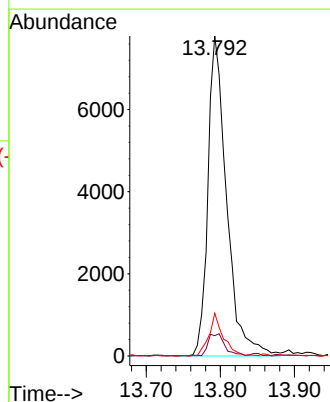
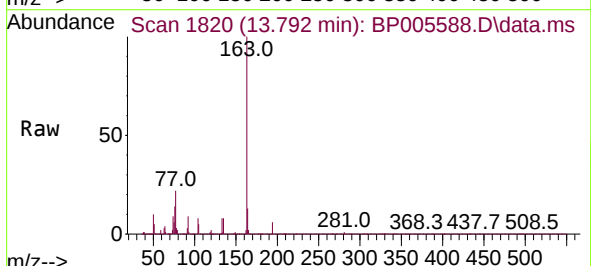
Instrument :
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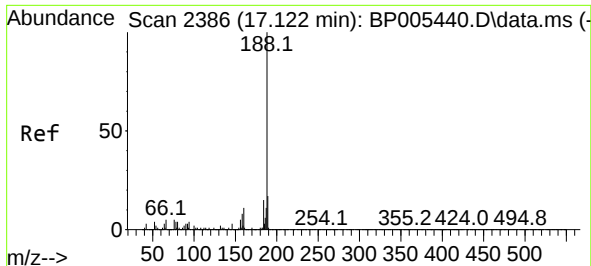
Tgt Ion:172	Resp:	131557
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.1 42.1
170	23.2	19.6 29.4



#50
Dimethylphthalate
Concen: 10.71 ng
RT: 13.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion:163	Resp:	13695
Ion Ratio	Lower	Upper
163	100	
194	6.3	3.9 5.9#
164	13.3	8.1 12.1#

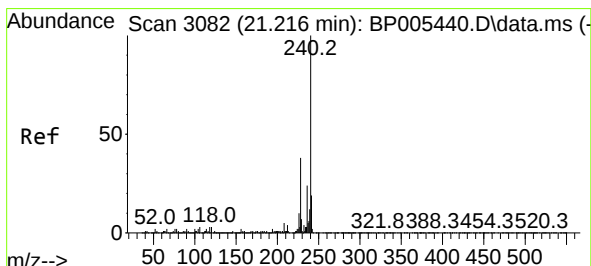
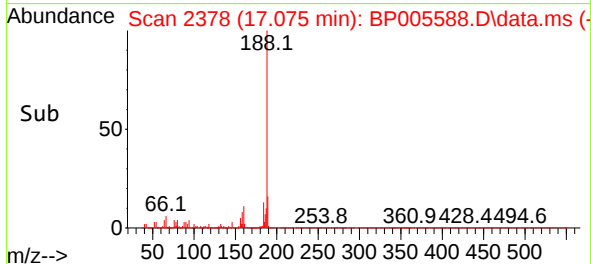
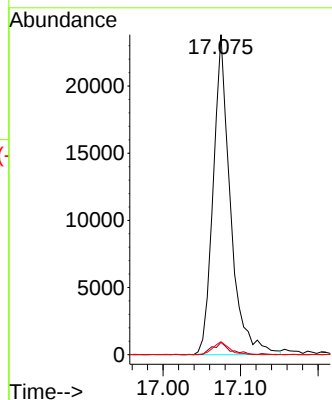
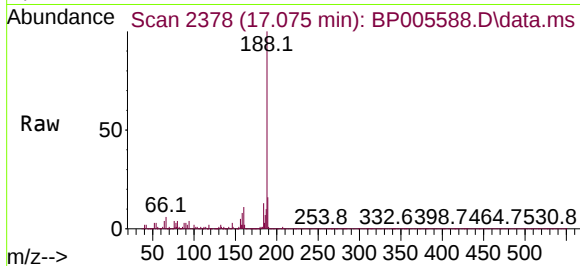




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

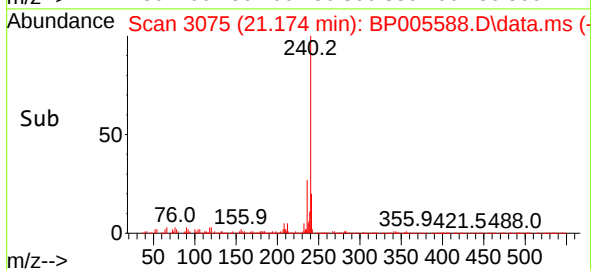
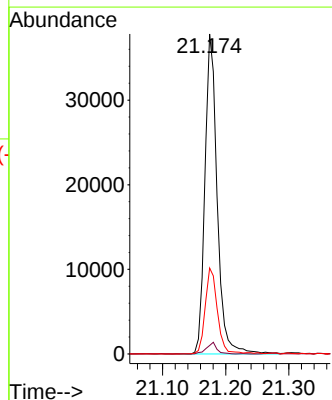
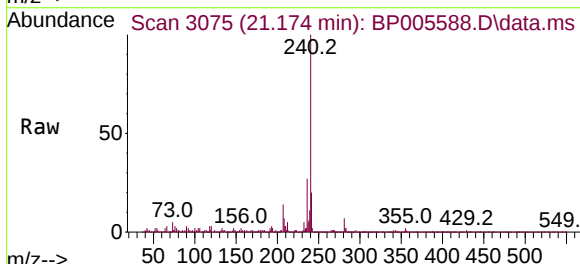
Instrument :
BNA_P
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CONCESSION-CP-2

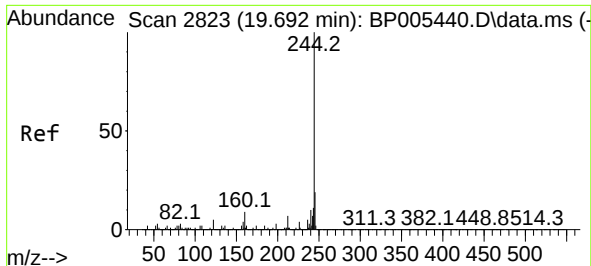
Tgt Ion:188 Resp: 36707
Ion Ratio Lower Upper
188 100
94 3.8 5.0 7.6#
80 4.0 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion:240 Resp: 51120
Ion Ratio Lower Upper
240 100
120 2.7 4.2 6.2#
236 26.9 20.2 30.2

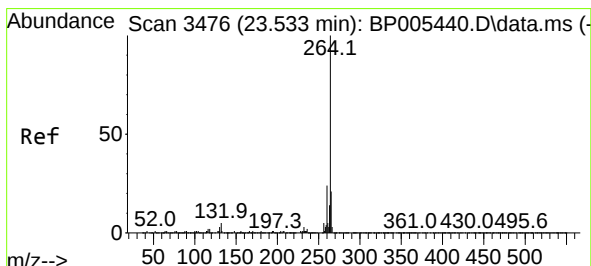
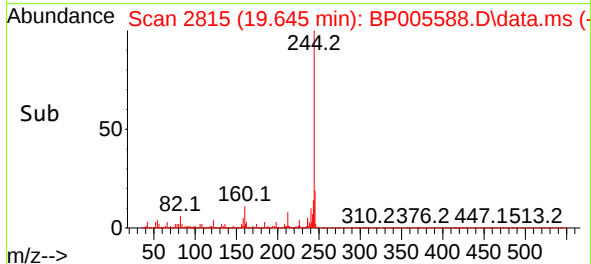
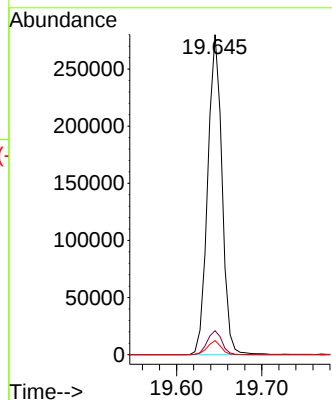
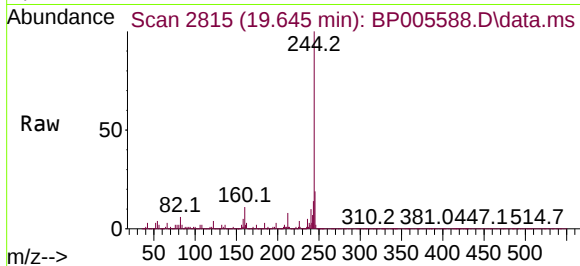




#79
Terphenyl-d14
Concen: 108.02 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

Tgt Ion:244 Resp: 325146
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 4.4 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.468 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005588.D
Acq: 17 May 2021 19:22

Tgt Ion:264 Resp: 54098
Ion Ratio Lower Upper
264 100
260 23.2 20.6 30.8
265 20.9 19.0 28.6

