

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005497.D
 Acq On : 11 May 2021 19:40
 Operator : CG/JU
 Sample : M2280-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-PS-01-072

Quant Time: May 12 05:28:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

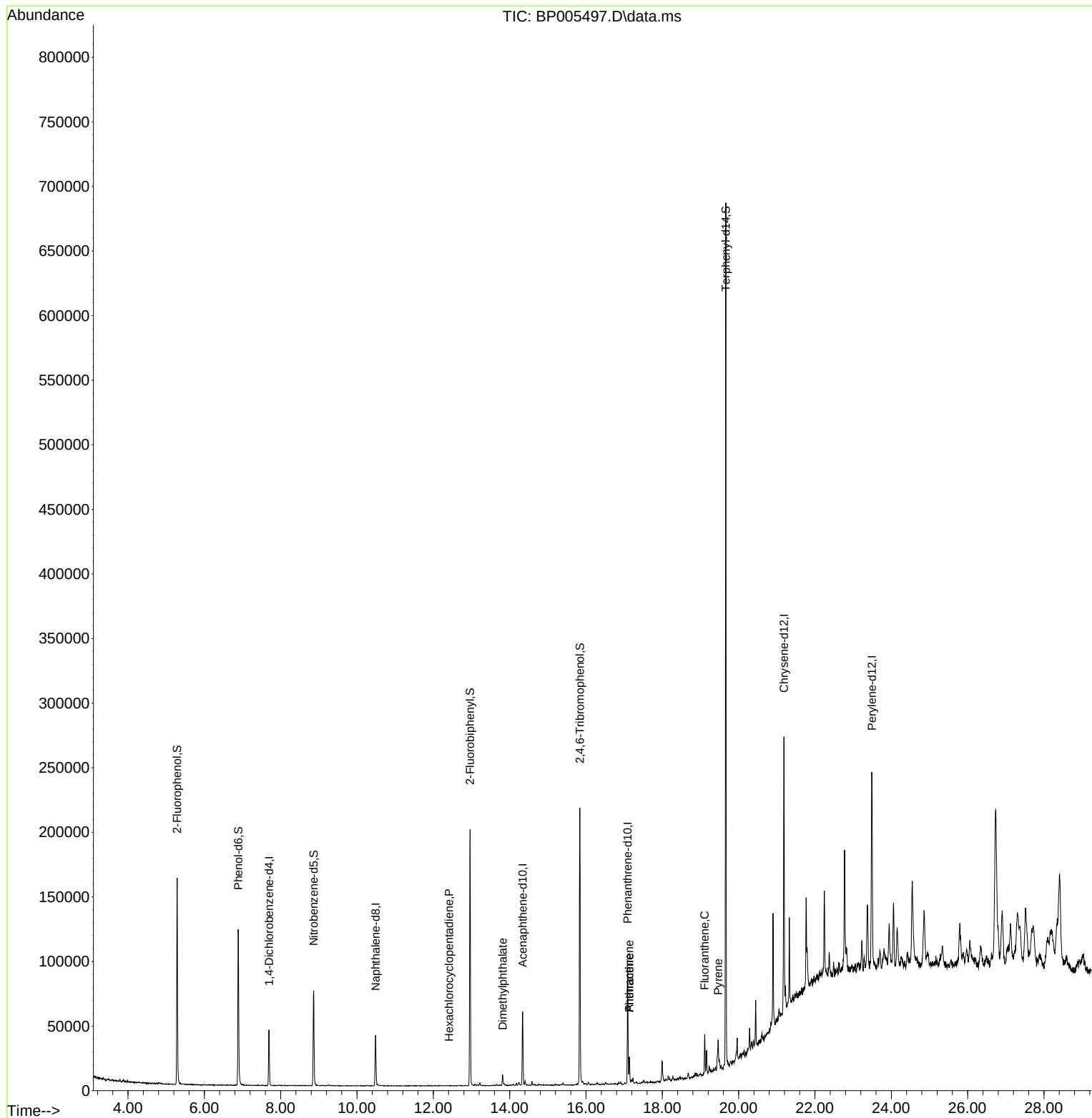
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	8008	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	21508	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	15483	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	45354	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	92624	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	120082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	45832	109.84	ng	0.00
7) Phenol-d6	6.893	99	44740	85.99	ng	0.00
23) Nitrobenzene-d5	8.863	82	37329	68.31	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	38781	88.27	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	78963	57.53	ng	0.00
79) Terphenyl-d14	19.663	244	238264	43.69	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	28	Below Cal	#	39
9) Benzaldehyde	6.834	77	18	Below Cal	#	36
41) Hexachlorocyclopentadiene	12.410	237	8	7.90	ng	87
50) Dimethylphthalate	13.816	163	4266	3.19	ng	# 90
71) Phenanthrene	17.134	178	9337	3.62	ng	97
72) Anthracene	17.134	178	9337	3.65	ng	98
75) Fluoranthene	19.110	202	15742	4.44	ng	97
78) Pyrene	19.463	202	13652	2.60	ng	96

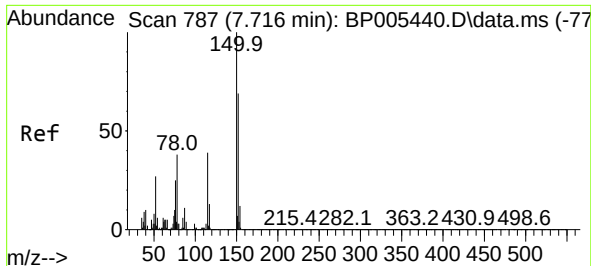
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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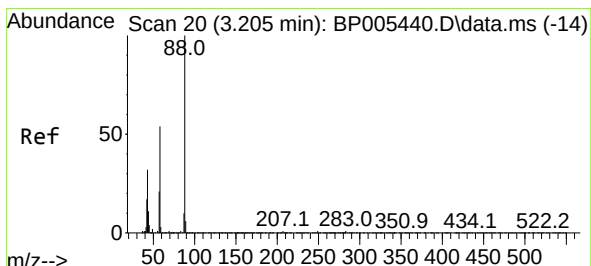
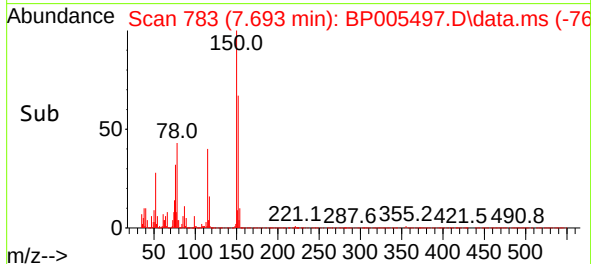
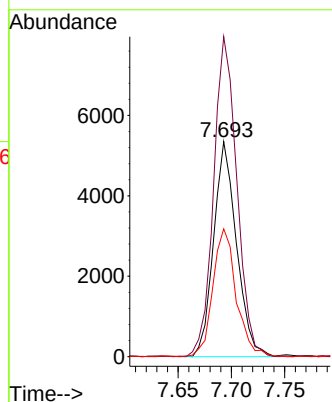
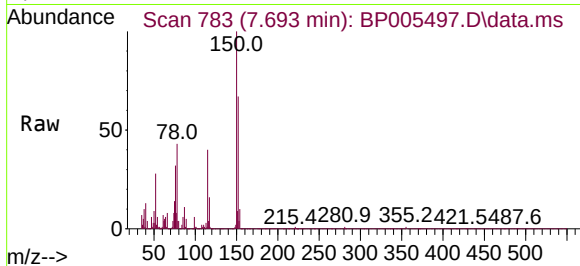




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

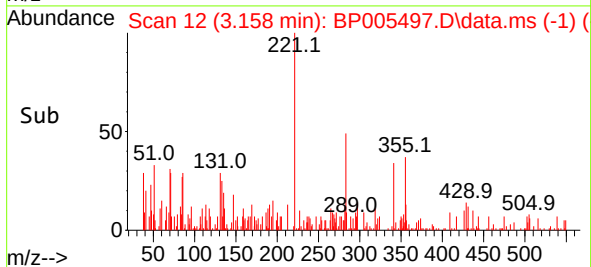
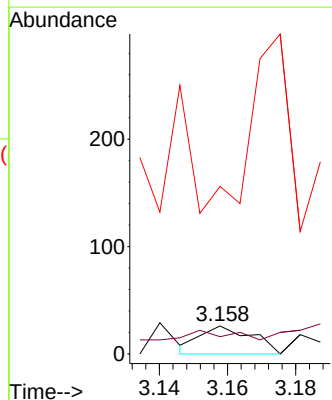
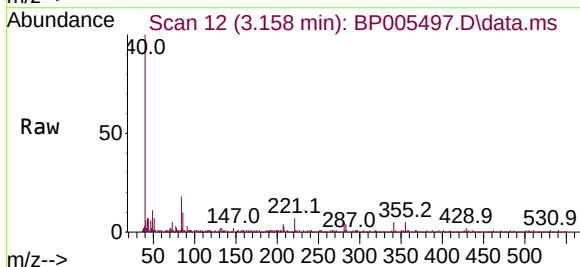
Instrument :
BNA_P
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FK-PS-01-072

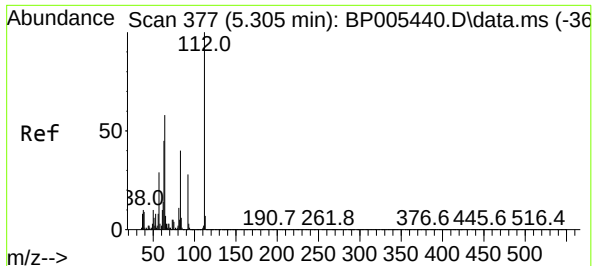
Tgt Ion:152 Resp: 8008
Ion Ratio Lower Upper
152 100
150 148.8 119.8 179.8
115 59.5 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. -0.024 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
58 100.0 42.5 63.7#
43 0.0 19.8 29.8#

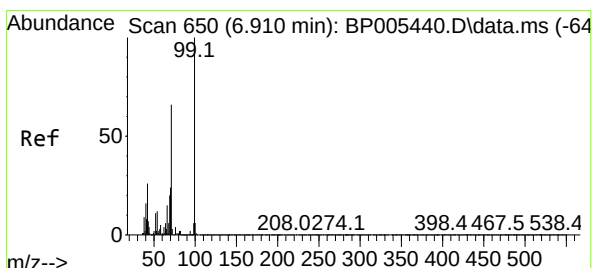
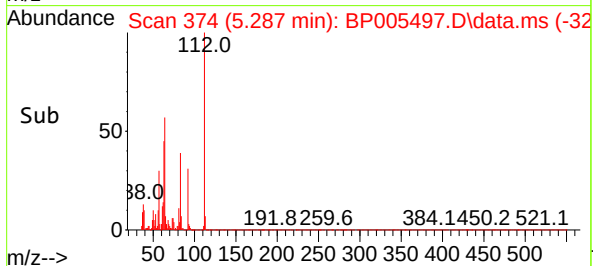
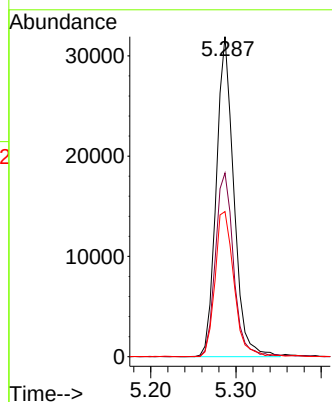
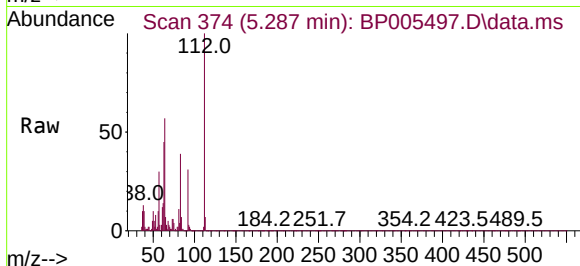




#5
2-Fluorophenol
Concen: 109.84 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

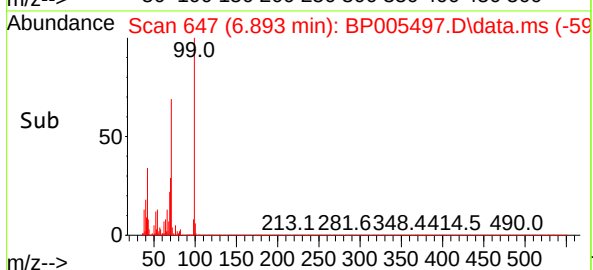
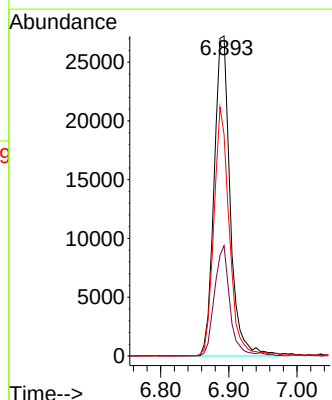
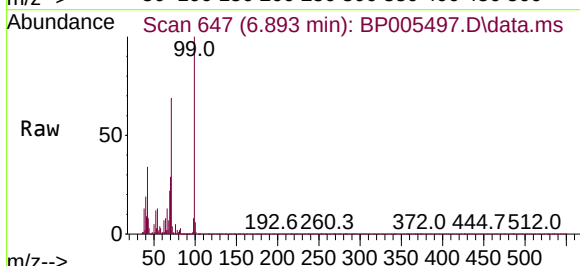
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

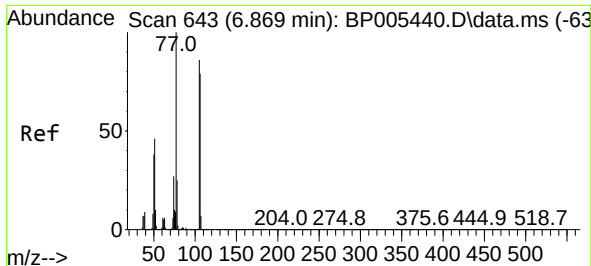
Tgt Ion:112 Resp: 45832
Ion Ratio Lower Upper
112 100
64 57.4 33.6 50.4#
63 45.4 18.6 27.8#



#7
Phenol-d6
Concen: 85.99 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion: 99 Resp: 44740
Ion Ratio Lower Upper
99 100
42 34.4 12.9 19.3#
71 69.3 26.7 40.1#

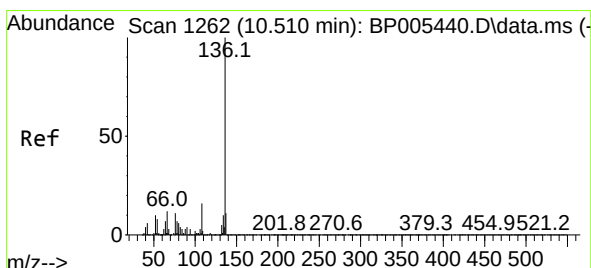
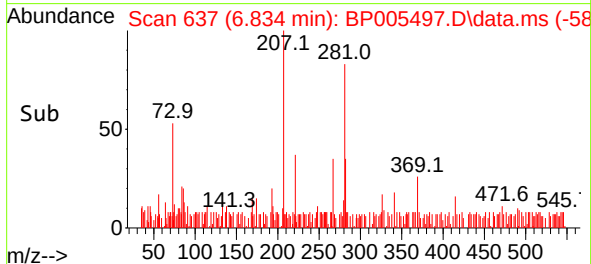
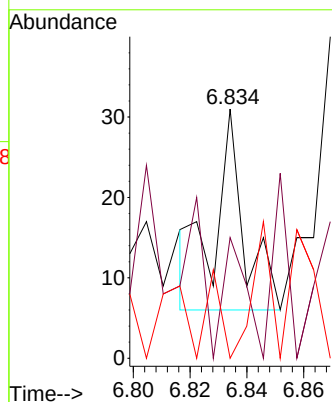
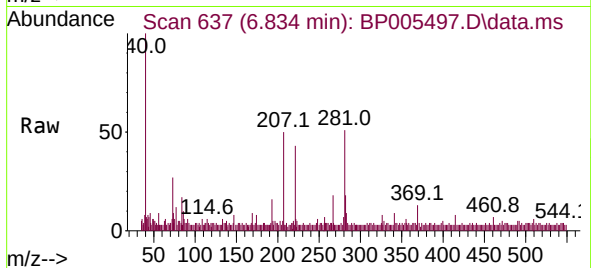




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.012 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

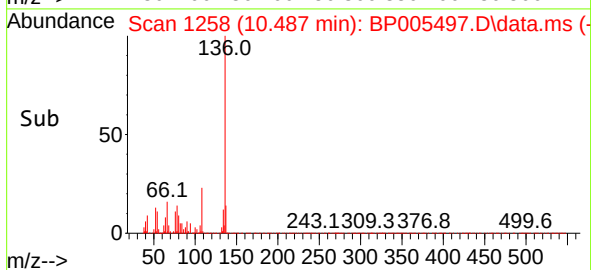
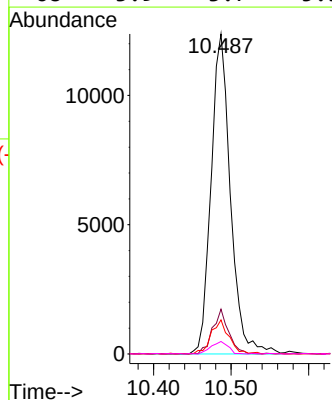
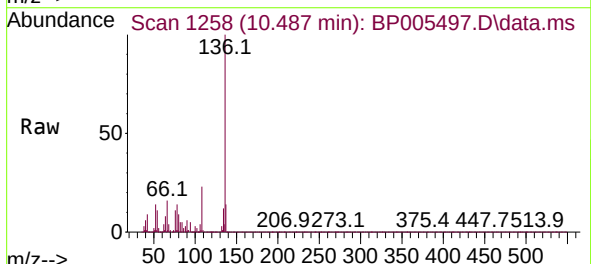
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

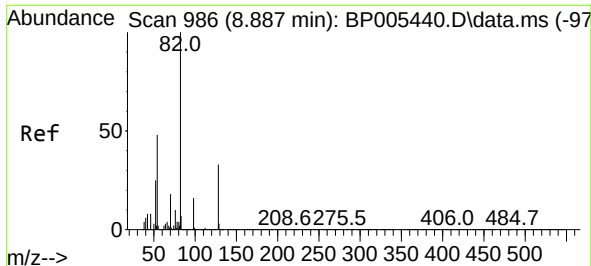
Tgt Ion:	77	Resp:	18
Ion	Ratio	Lower	Upper
77	100		
105	48.4	89.4	129.4#
106	29.0	79.9	119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion:	136	Resp:	21508
Ion	Ratio	Lower	Upper
136	100		
137	14.0	8.9	13.3#
54	10.7	5.0	7.4#
68	3.9	3.7	5.5

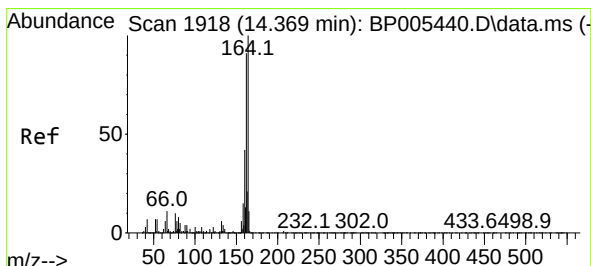
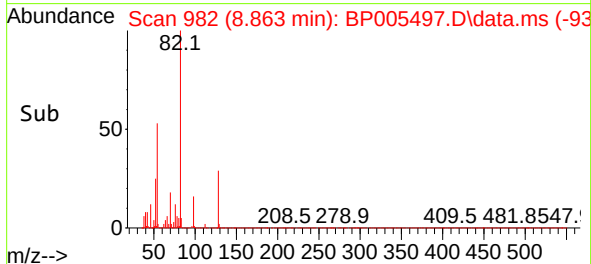
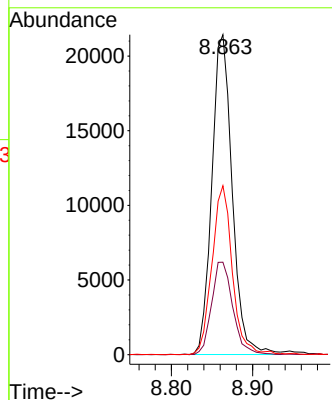
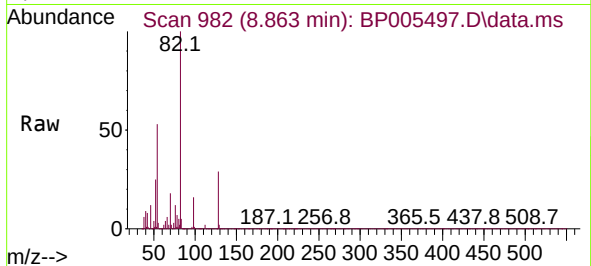




#23
Nitrobenzene-d5
Concen: 68.31 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

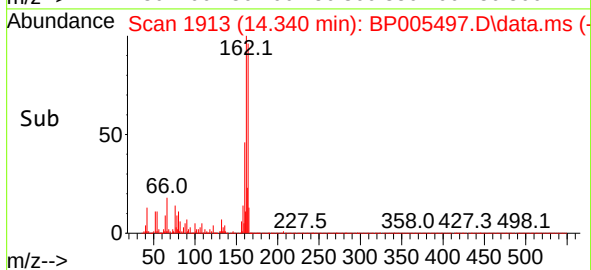
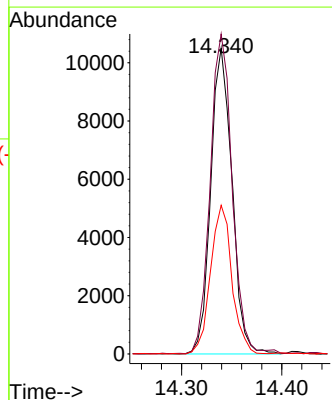
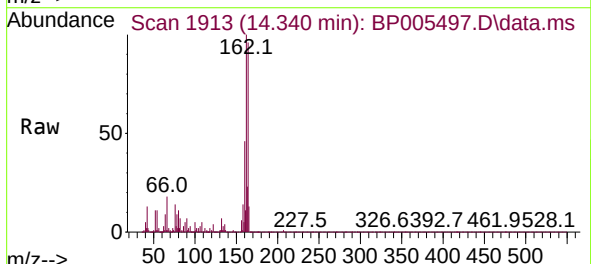
Instrument :
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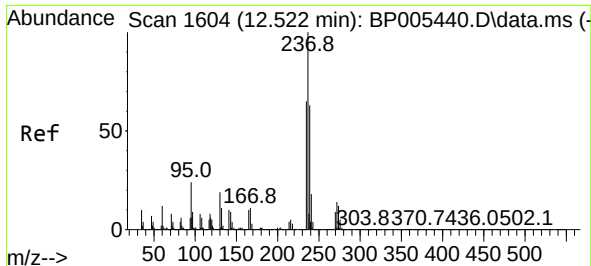
Tgt Ion: 82 Resp: 37329
Ion Ratio Lower Upper
82 100
128 28.9 30.5 45.7#
54 52.8 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion: 164 Resp: 15483
Ion Ratio Lower Upper
164 100
162 104.6 73.5 110.3
160 48.6 40.6 61.0

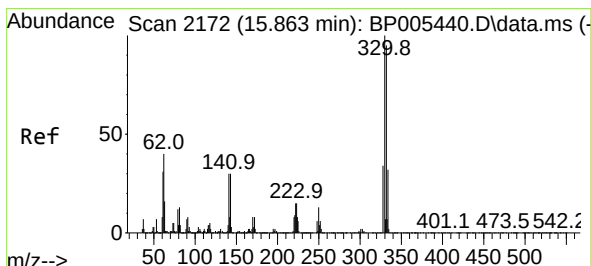
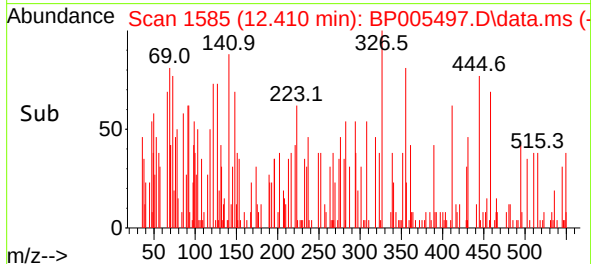
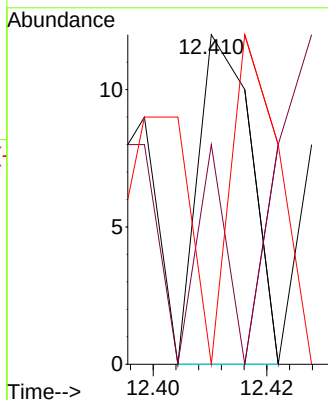
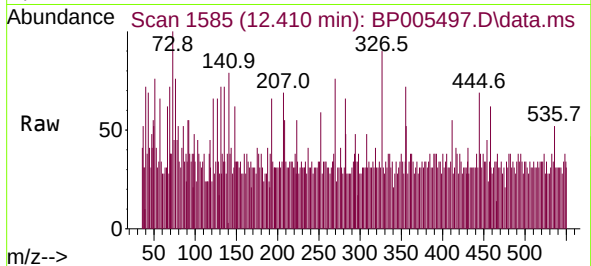




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.088 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

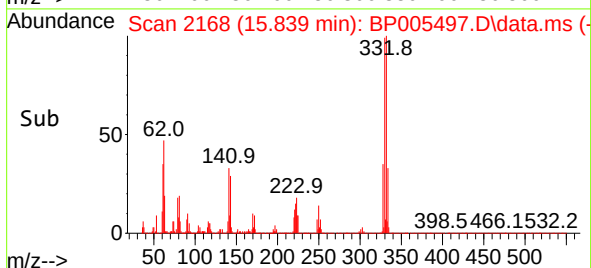
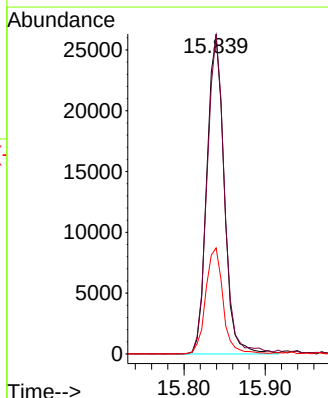
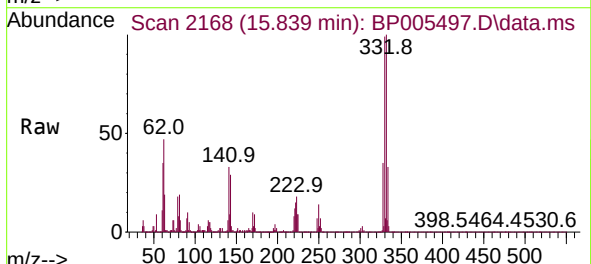
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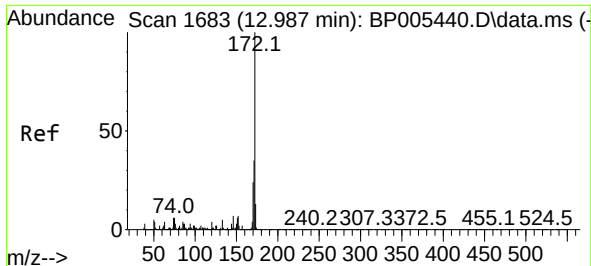
Tgt Ion:237	Resp:	8
Ion Ratio	Lower	Upper
237	100	
235	66.7	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 88.27 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion:330	Resp:	38781
Ion Ratio	Lower	Upper
330	100	
332	100.3	76.3 114.5
141	33.3	22.8 34.2

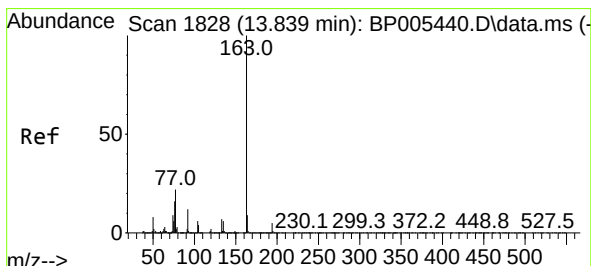
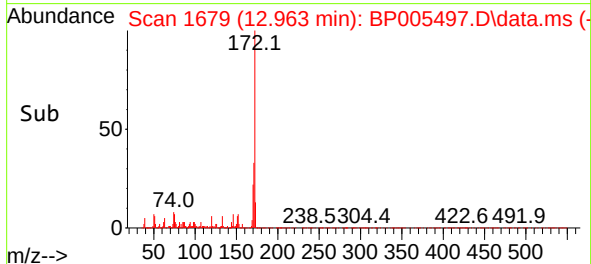
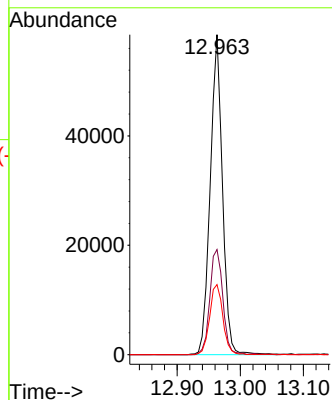
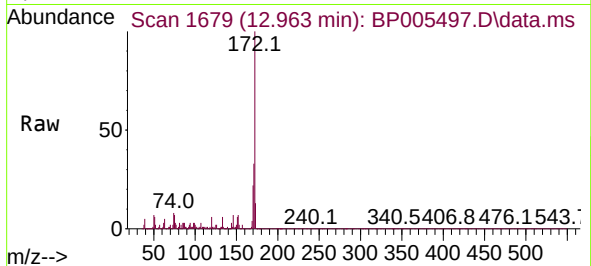




#45
2-Fluorobiphenyl
Concen: 57.53 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

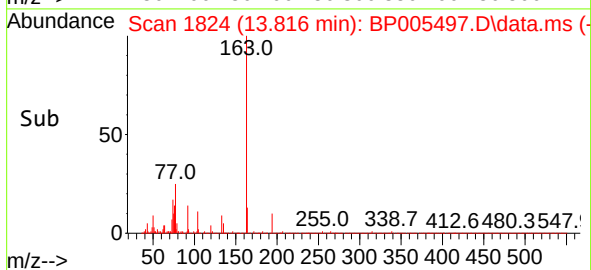
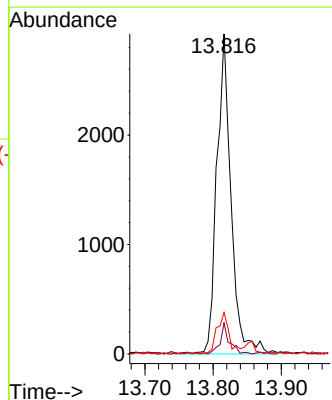
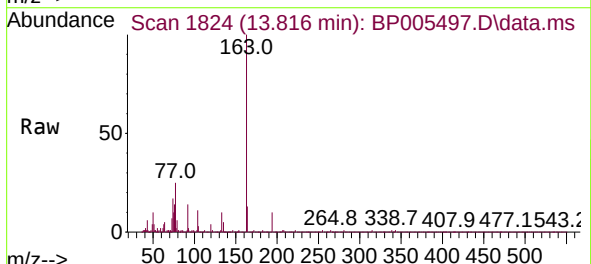
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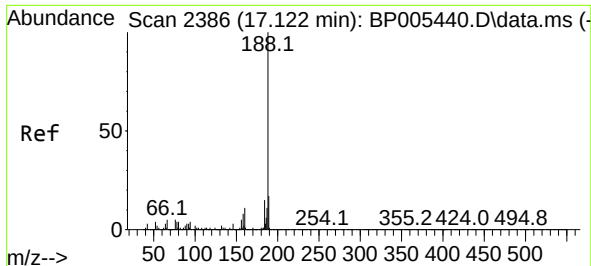
Tgt Ion:	172	Resp:	78963
Ion Ratio	Lower	Upper	
172	100		
171	32.9	28.1	42.1
170	21.9	19.6	29.4



#50
Dimethylphthalate
Concen: 3.19 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion:	163	Resp:	4266
Ion Ratio	Lower	Upper	
163	100		
194	9.6	3.9	5.9#
164	12.9	8.1	12.1#

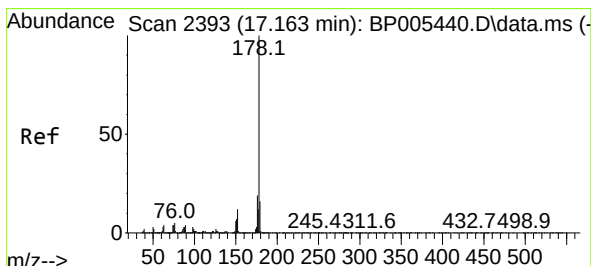
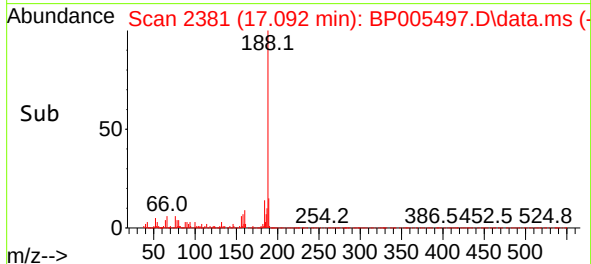
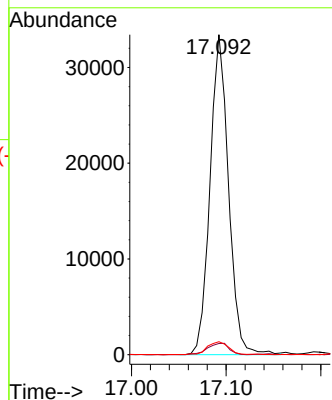
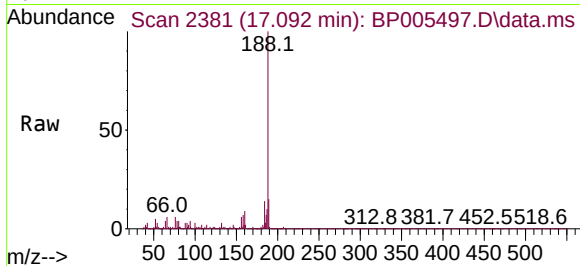




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

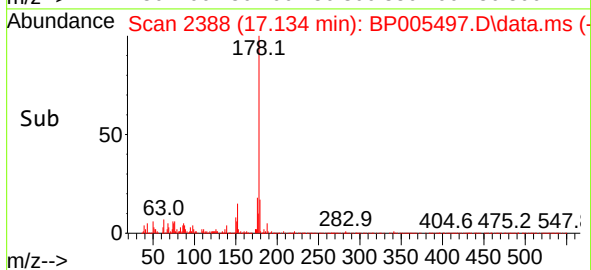
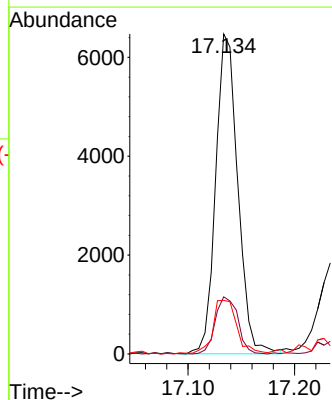
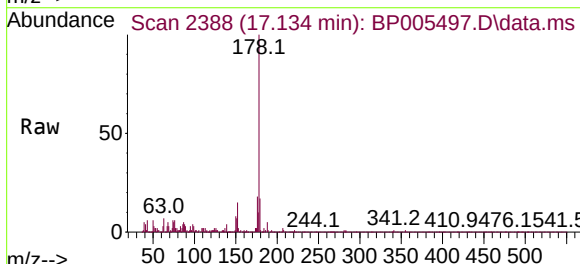
Instrument :
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FK-PS-01-072

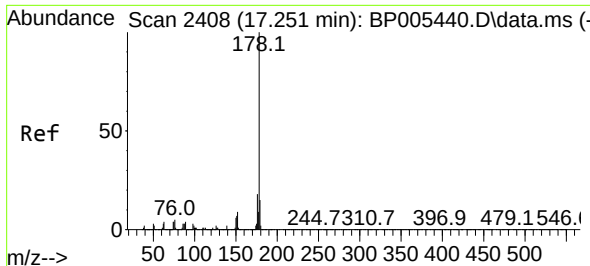
Tgt Ion:188	Resp:	45354
Ion Ratio	Lower	Upper
188	100	
94	4.2	5.0 7.6#
80	4.1	5.9 8.9#



#71
Phenanthrene
Concen: 3.62 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion:178	Resp:	9337
Ion Ratio	Lower	Upper
178	100	
176	17.9	15.4 23.2
179	16.8	12.3 18.5

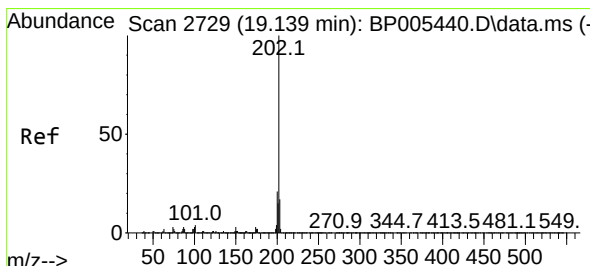
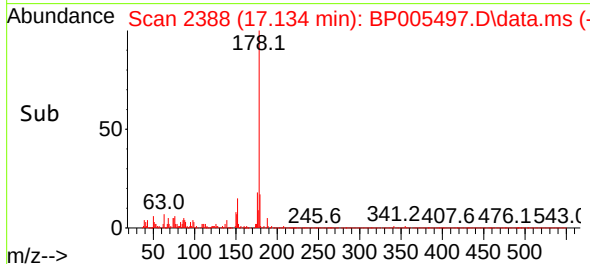
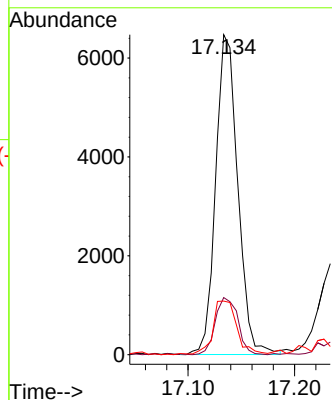
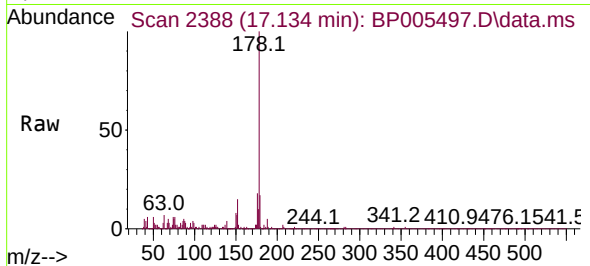




#72
 Anthracene
 Concen: 3.65 ng
 RT: 17.134 min Scan# 2388
 Delta R.T. -0.094 min
 Lab File: BP005497.D
 Acq: 11 May 2021 19:40

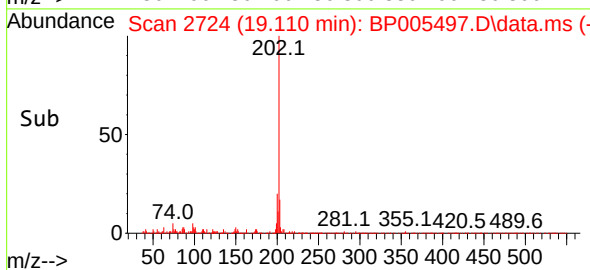
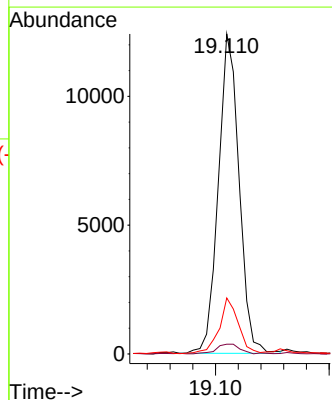
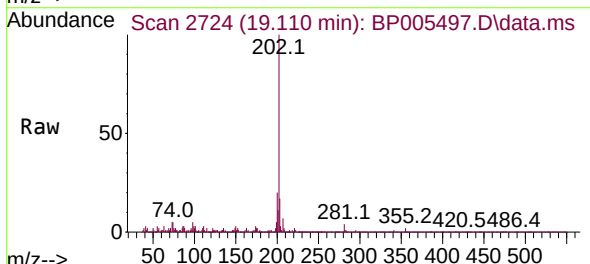
Instrument :
 BNA_P
 ClientSampleId :
 FK-PS-01-072

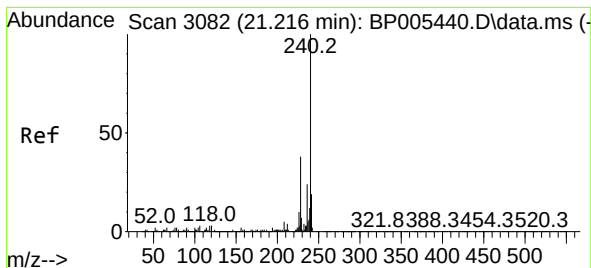
Tgt Ion:178	Resp:	9337
Ion Ratio	Lower	Upper
178	100	
176	17.9	15.2 22.8
179	16.8	12.6 19.0



#75
 Fluoranthene
 Concen: 4.44 ng
 RT: 19.110 min Scan# 2724
 Delta R.T. -0.006 min
 Lab File: BP005497.D
 Acq: 11 May 2021 19:40

Tgt Ion:202	Resp:	15742
Ion Ratio	Lower	Upper
202	100	
101	3.0	0.0 26.1
203	17.5	0.0 37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BP005497.D

Acq: 11 May 2021 19:40

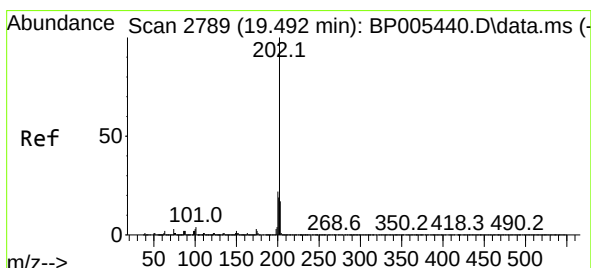
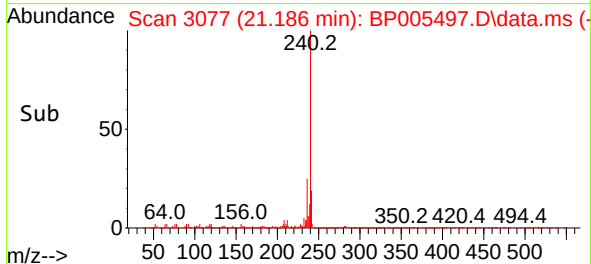
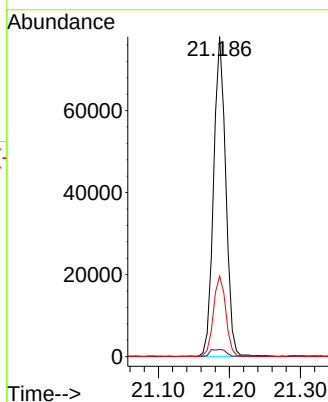
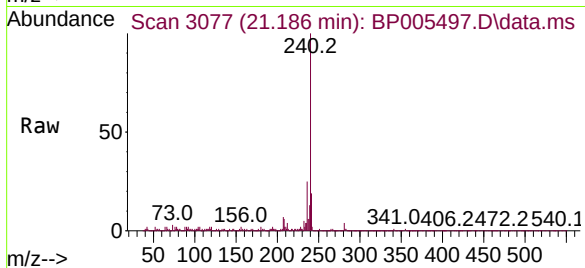
Instrument :

BNA_P

ClientSampleId :

FK-PS-01-072

Tgt Ion:240	Resp:	92624
Ion Ratio	Lower	Upper
240	100	
120	2.2	4.2 6.2#
236	25.2	20.2 30.2



#78

Pyrene

Concen: 2.60 ng

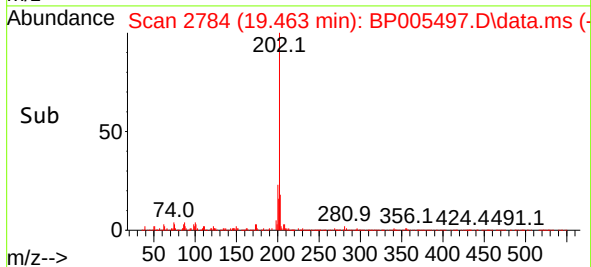
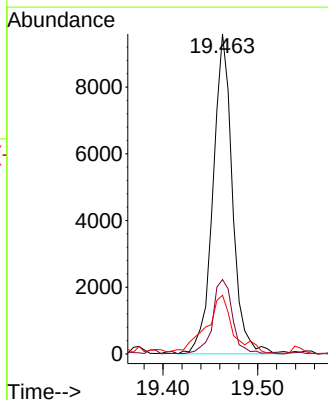
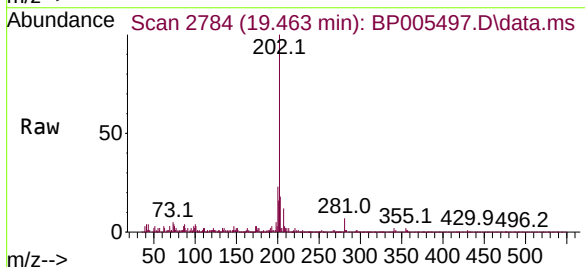
RT: 19.463 min Scan# 2784

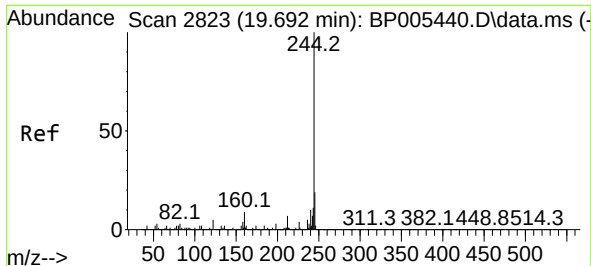
Delta R.T. -0.006 min

Lab File: BP005497.D

Acq: 11 May 2021 19:40

Tgt Ion:202	Resp:	13652
Ion Ratio	Lower	Upper
202	100	
200	23.3	16.9 25.3
203	18.4	13.8 20.6

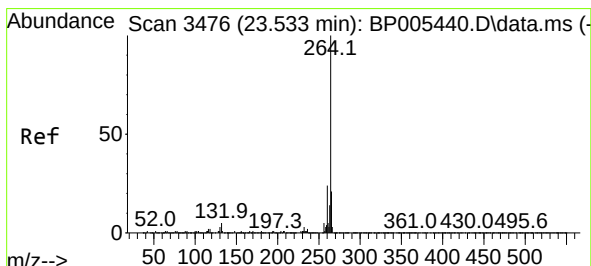
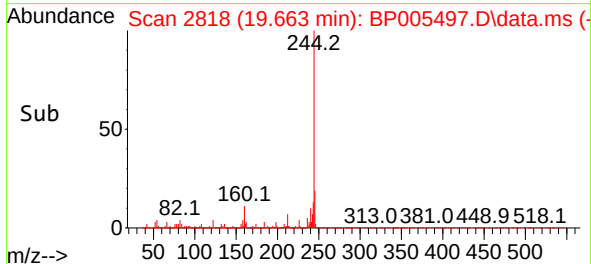
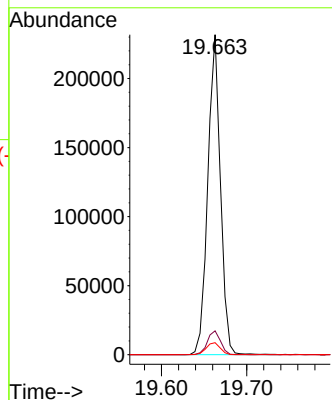
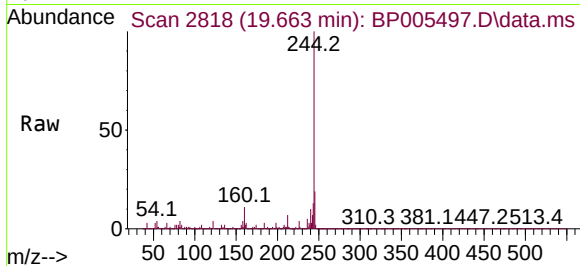




#79
Terphenyl-d14
Concen: 43.69 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

Tgt Ion:244 Resp: 238264
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 3.8 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.012 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

Tgt Ion:264 Resp: 120082
Ion Ratio Lower Upper
264 100
260 22.4 20.6 30.8
265 21.8 19.0 28.6

