

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)

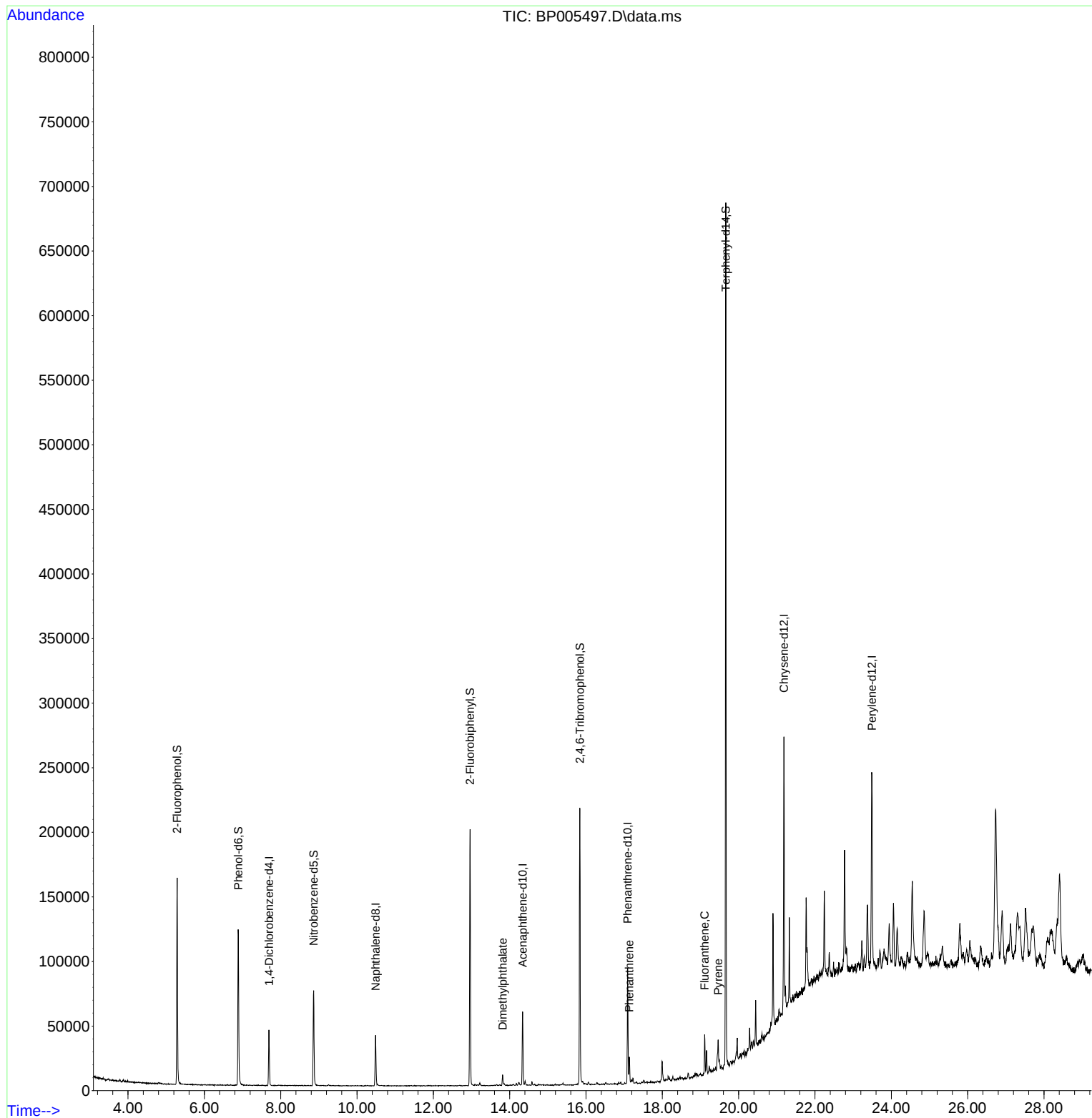
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	8008	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	21508	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	15483	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	45354	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	92624	20.00	ng	# 0.00
86) Perylene-d12	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
50) Dimethylphthalate	13.816	163	4266	3.19	ng	# 90
71) Phenanthrene	17.134	178	9337	3.62	ng	97
75) Fluoranthene	19.110	202	15742	4.44	ng	97
78) Pyrene	19.463	202	13652	2.60	ng	96

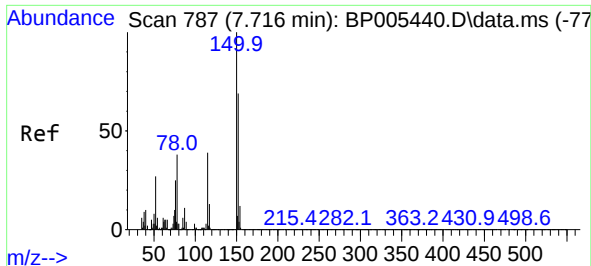
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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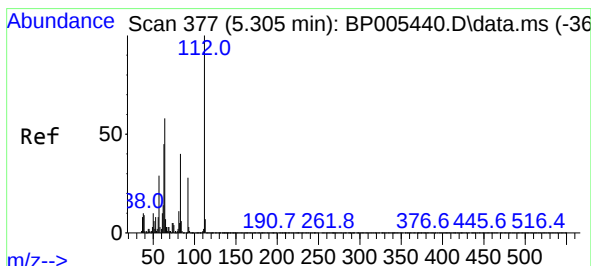
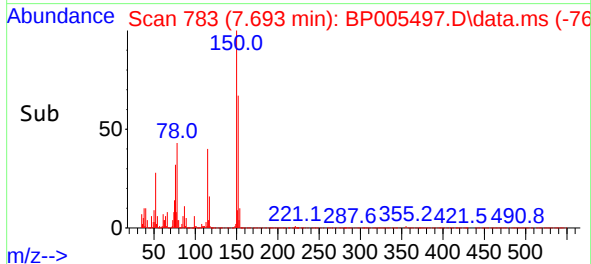
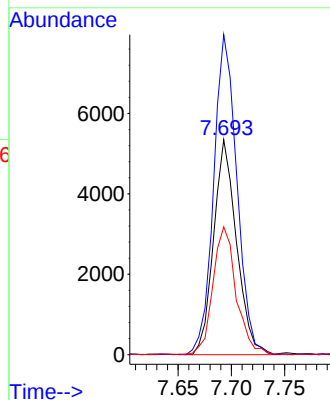
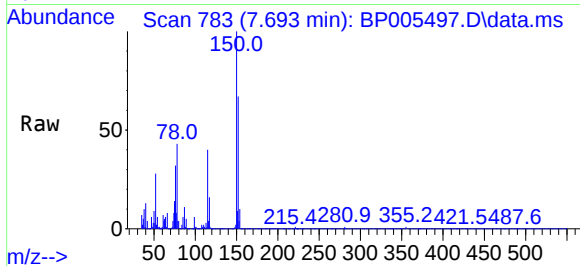




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

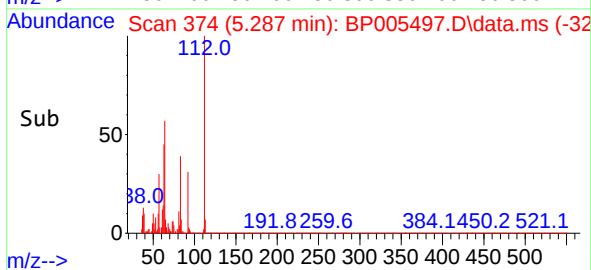
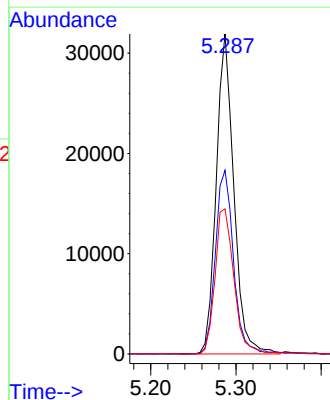
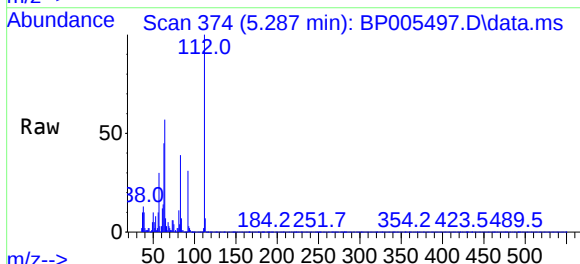
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

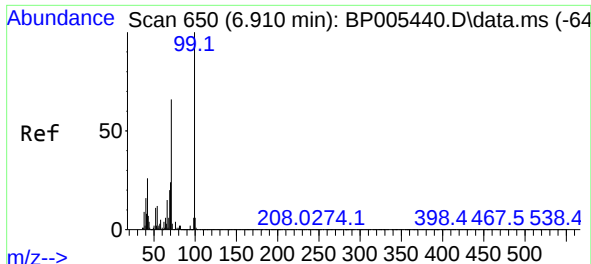
Tgt Ion:152 Resp: 8008
Ion Ratio Lower Upper
152 100
150 148.8 119.8 179.8
115 59.5 49.0 73.4



#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

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#

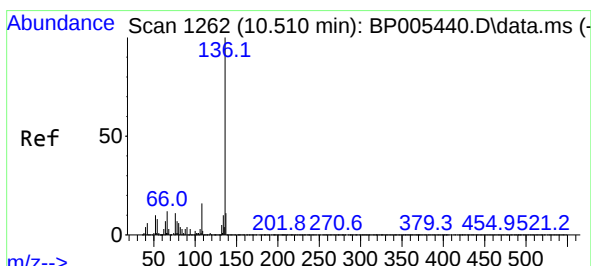
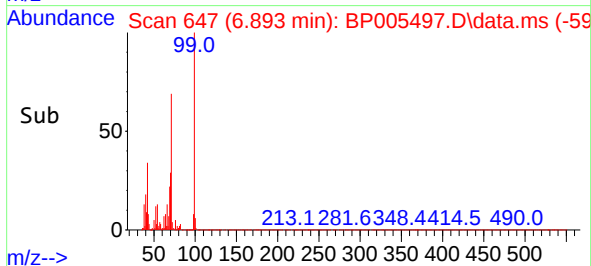
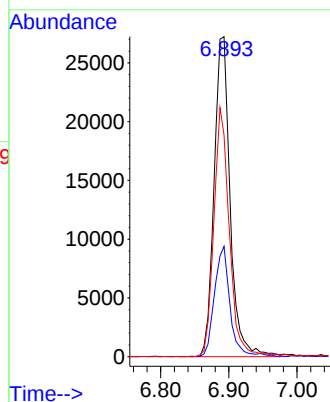
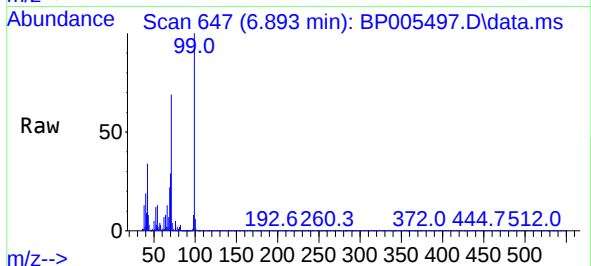




#7
Phenol-d6
Concen: 85.99 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

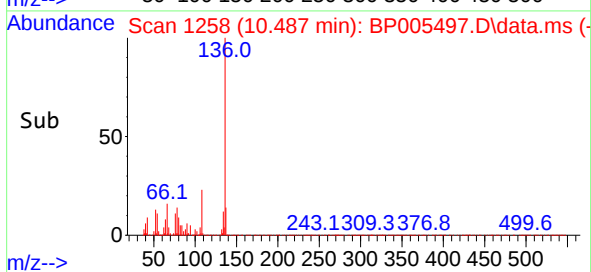
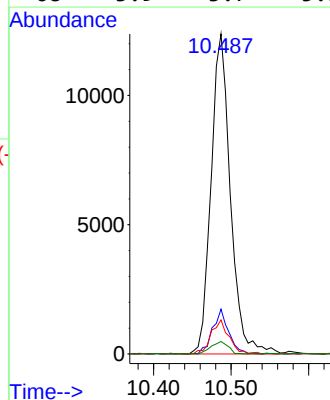
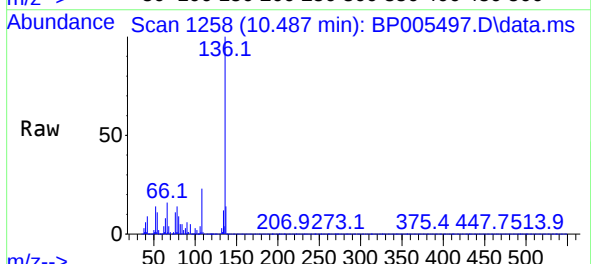
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

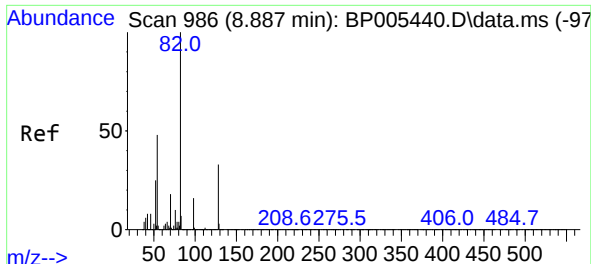
Tgt Ion: 99 Resp: 44740
Ion Ratio Lower Upper
99 100
42 34.4 12.9 19.3#
71 69.3 26.7 40.1#



#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

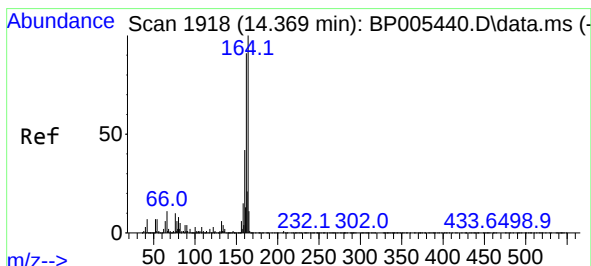
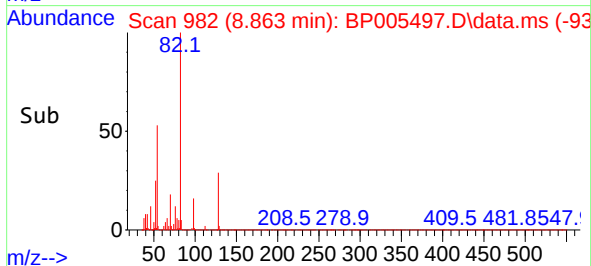
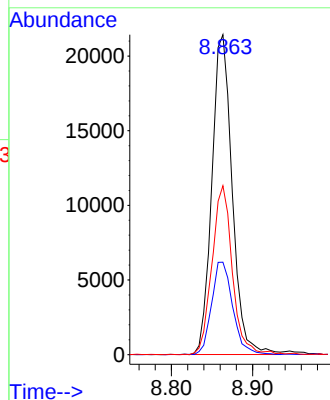
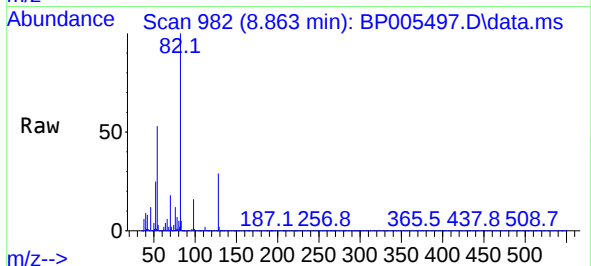




#23
Nitrobenzene-d5
Concen: 68.31 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

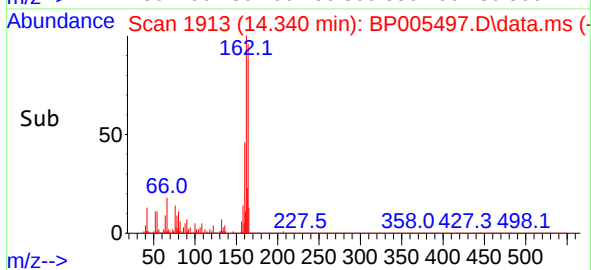
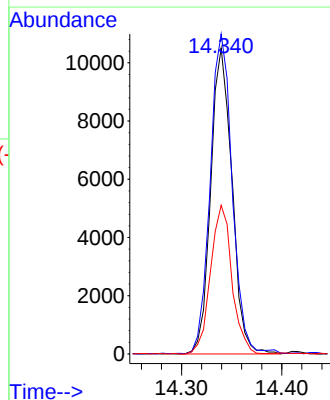
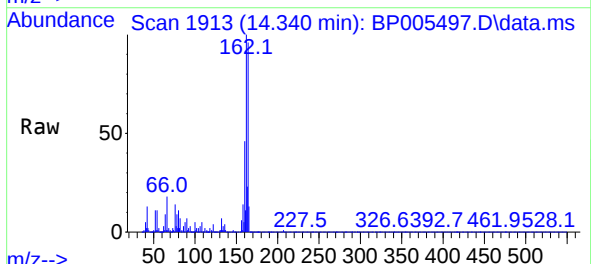
Instrument :
BNA_P
ClientSampleId :
FK-PS-01-072

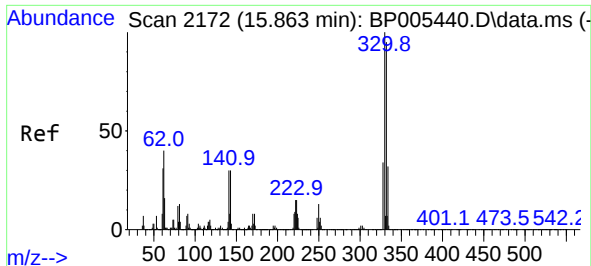
Tgt Ion: 82 Resp: 37329
Ion Ratio Lower Upper
82 100
128 28.9 30.5 45.7#
54 52.8 33.9 50.9#



#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

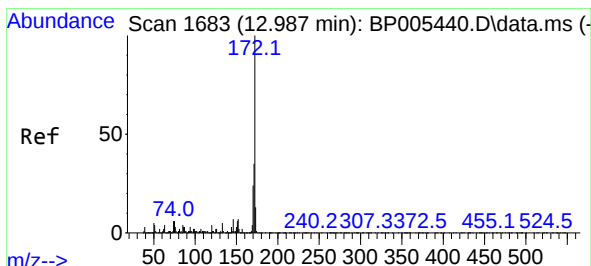
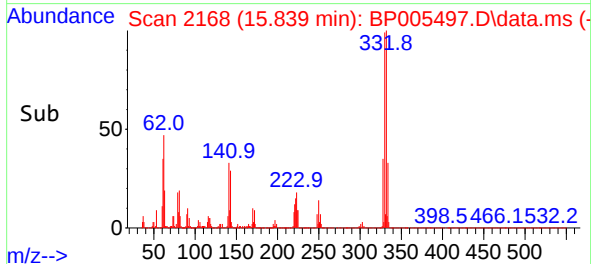
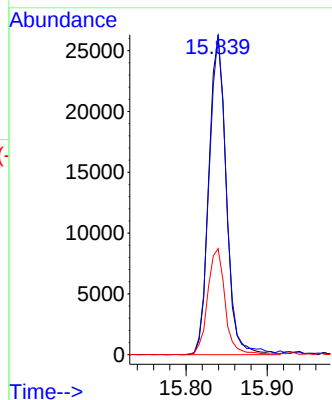
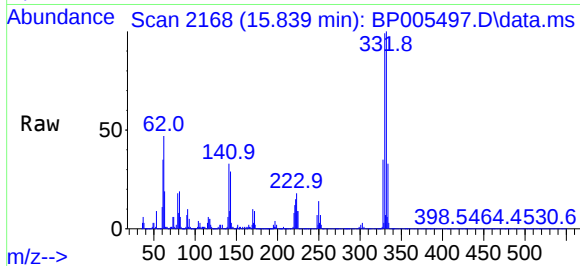




#42
2,4,6-Tribromophenol
Concen: 88.27 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

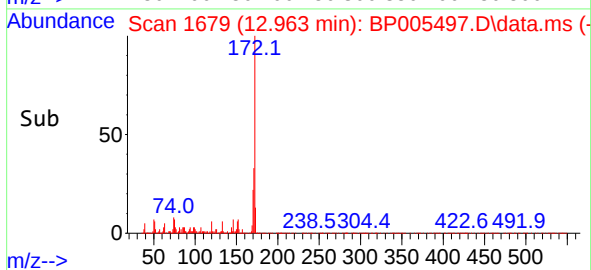
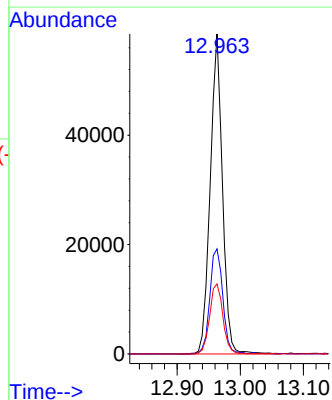
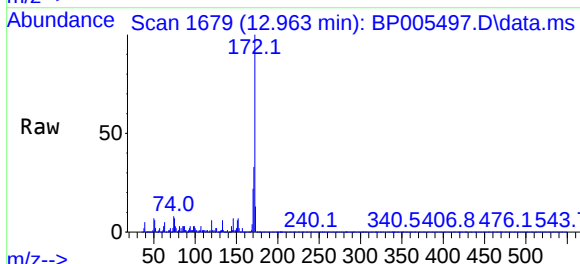
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BNA_P
ClientSampleId :
FK-PS-01-072

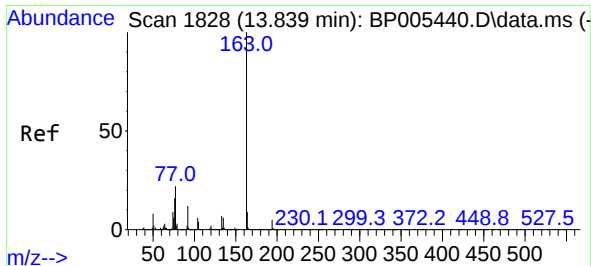
Tgt Ion:	330	Resp:	38781
Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.3	114.5
141	33.3	22.8	34.2



#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

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

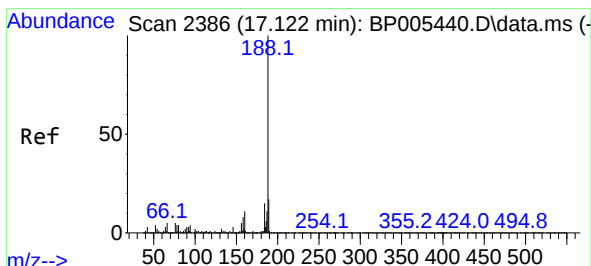
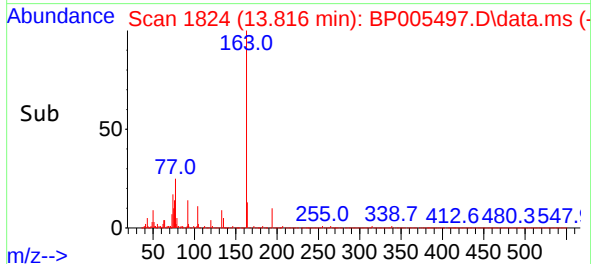
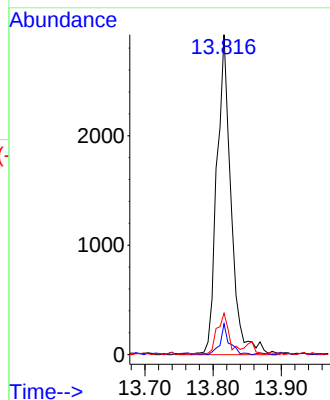
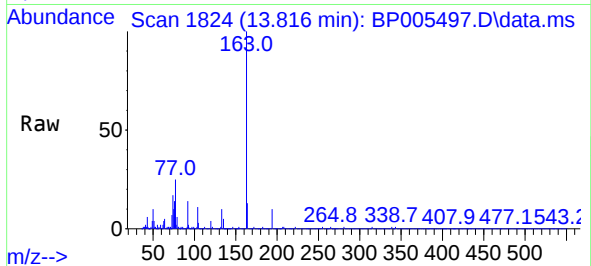




#50
Dimethylphthalate
Concen: 3.19 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

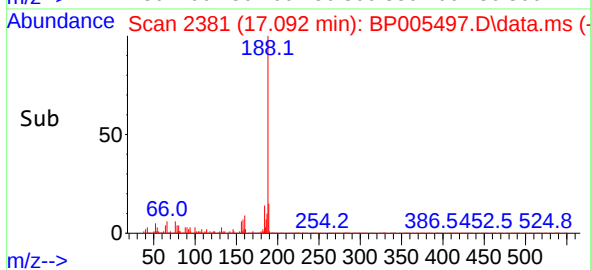
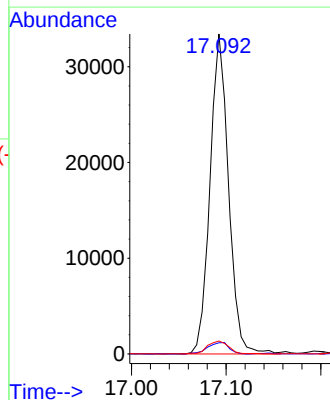
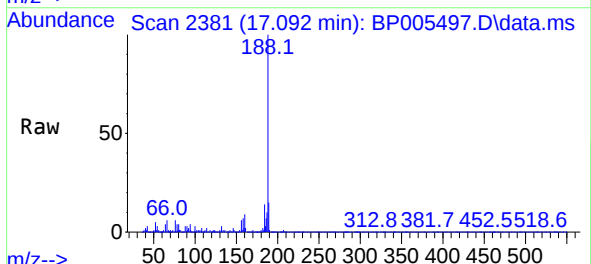
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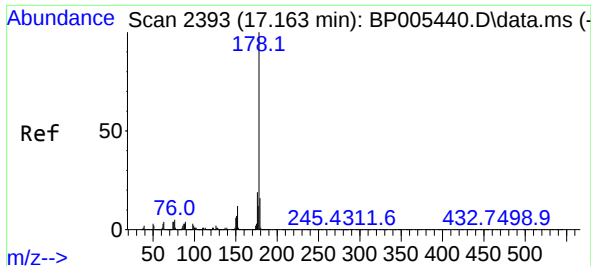
Tgt Ion:163 Resp: 4266
Ion Ratio Lower Upper
163 100
194 9.6 3.9 5.9#
164 12.9 8.1 12.1#



#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

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#

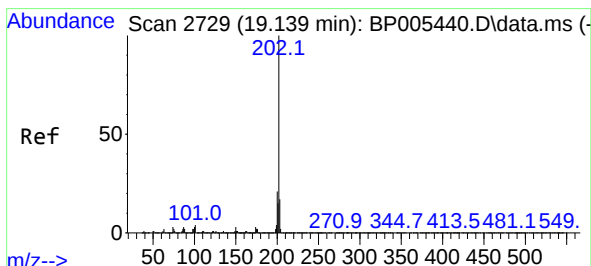
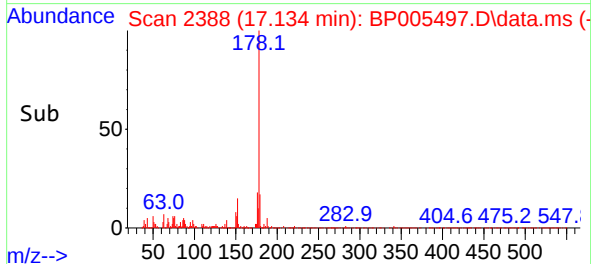
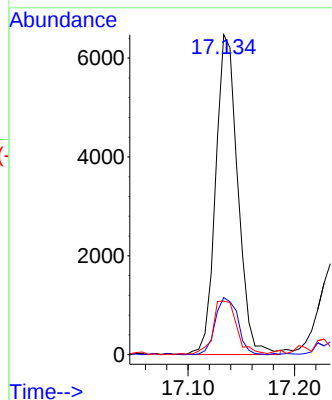
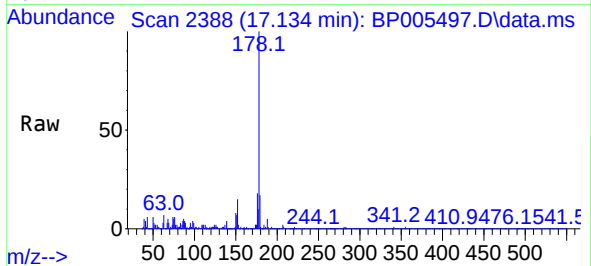




#71
Phenanthrene
Concen: 3.62 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

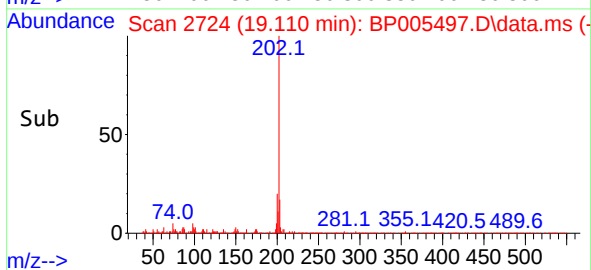
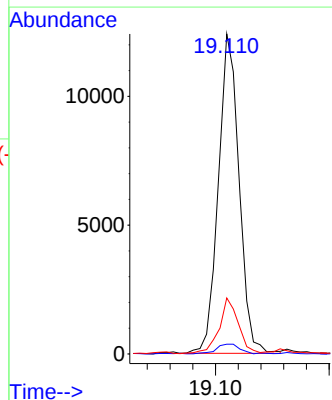
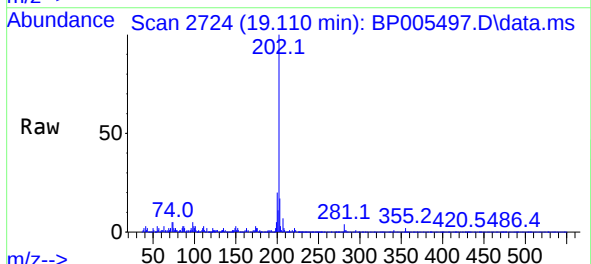
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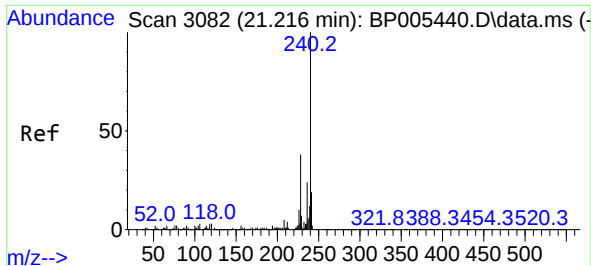
Tgt Ion:	178	Resp:	9337
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.2
179	16.8	12.3	18.5



#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

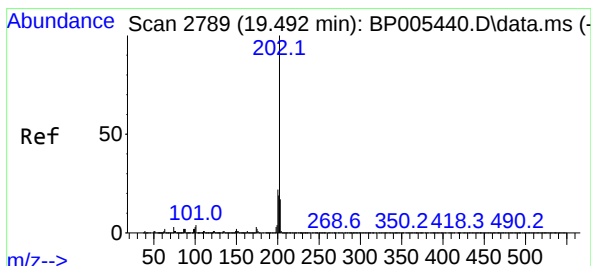
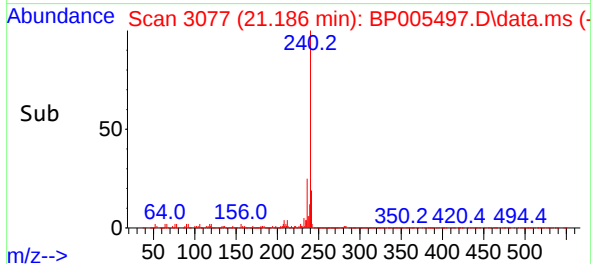
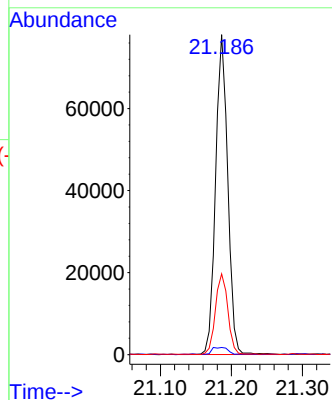
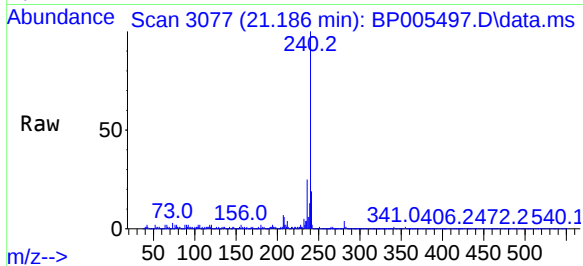




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

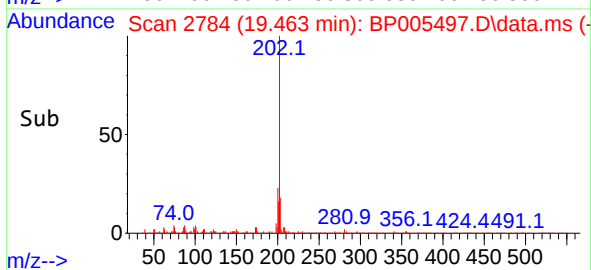
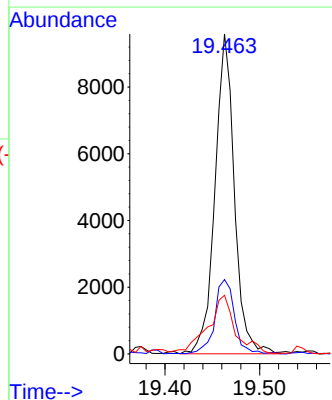
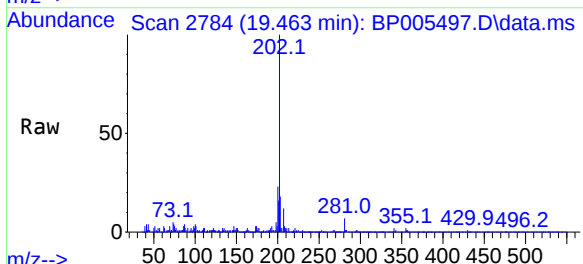
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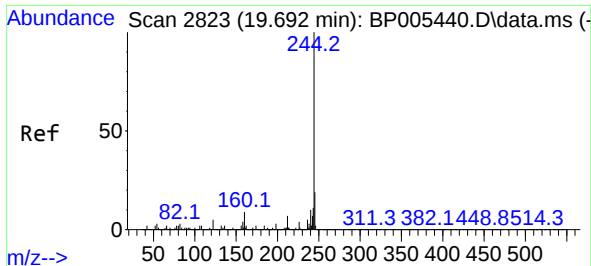
Tgt Ion:	240	Resp:	92624
Ion Ratio	Lower	Upper	
240	100		
120	2.2	4.2	6.2#
236	25.2	20.2	30.2



#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

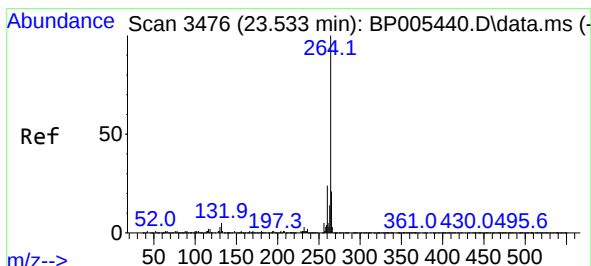
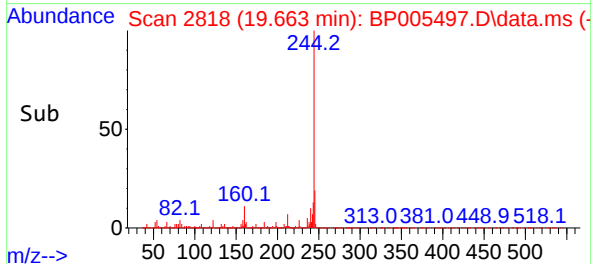
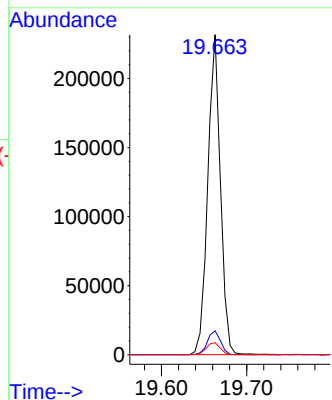
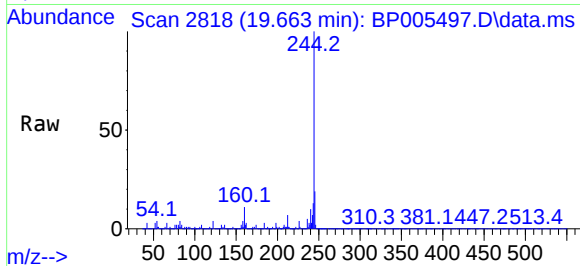




#79
Terphenyl-d14
Concen: 43.69 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005497.D
Acq: 11 May 2021 19:40

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

