

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005479.D
 Acq On : 10 May 2021 21:07
 Operator : CG/JU
 Sample : M2310-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BS-SP2

Manual Integrations
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 5/11/2021 2:31:59 PM

Quant Time: May 11 04:23:16 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	10997	20.00	ng	0.00
21) Naphthalene-d8	10.493	136	29396	20.00	ng	#-0.01
39) Acenaphthene-d10	14.351	164	23004	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	61034	20.00	ng	#-0.01
76) Chrysene-d12	21.192	240	115046	20.00	ng	#-0.01
86) Perylene-d12	23.504	264	142413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	55694	97.19	ng	0.00
7) Phenol-d6	6.899	99	57537	80.52	ng	0.00
23) Nitrobenzene-d5	8.869	82	49877	66.78	ng	-0.01
42) 2,4,6-Tribromophenol	15.845	330	54493	83.48	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	109238	53.57	ng	-0.01
79) Terphenyl-d14	19.669	244	314570	46.44	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.822	163	6069	3.06	ng	# 97
71) Phenanthrene	17.139	178	37787	10.90	ng	97
72) Anthracene	17.239	178	12127m	3.52	ng	
75) Fluoranthene	19.116	202	80849	16.95	ng	97
78) Pyrene	19.469	202	77174	11.85	ng	99
81) Benzo(a)anthracene	21.180	228	46168	6.19	ng	97
83) Chrysene	21.227	228	44302m	6.13	ng	
87) Indeno(1,2,3-cd)pyrene	25.898	276	30455	2.54	ng	# 94
88) Benzo(b)fluoranthene	22.804	252	61098	6.44	ng	# 96
89) Benzo(k)fluoranthene	22.845	252	21665m	2.33	ng	
90) Benzo(a)pyrene	23.404	252	45195	5.20	ng	99
92) Benzo(g,h,i)perylene	26.633	276	30472	3.12	ng	# 92

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

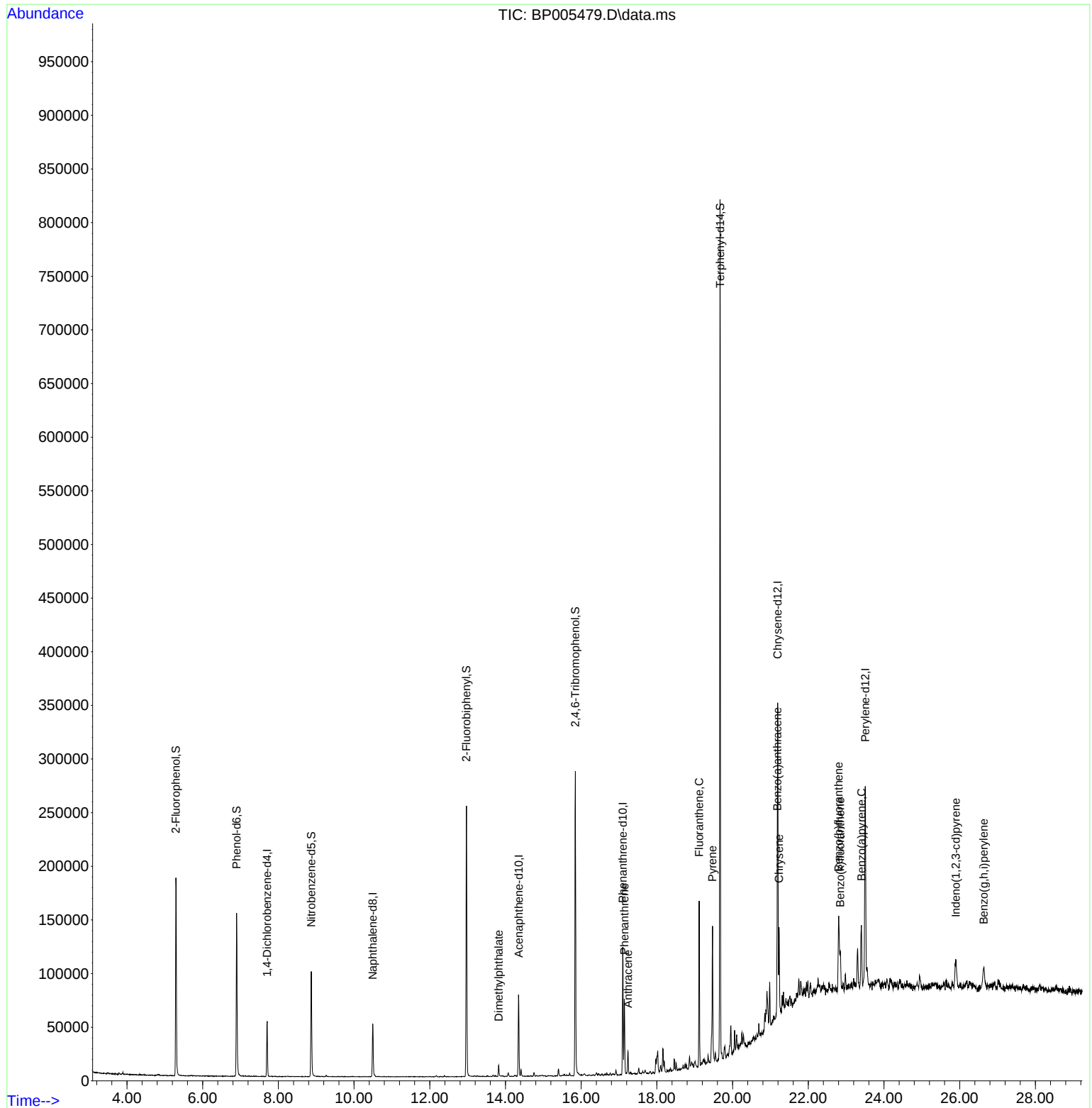
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
Data File : BP005479.D
Acq On : 10 May 2021 21:07
Operator : CG/JU
Sample : M2310-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

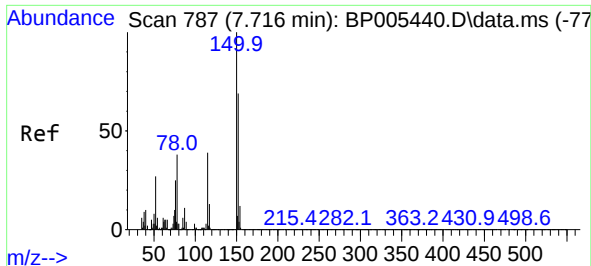
Instrument :
BNA_P
ClientSampled :
BS-SP2

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
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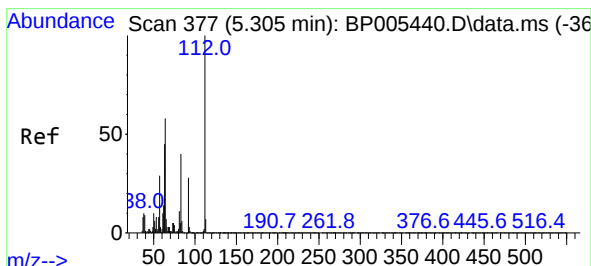
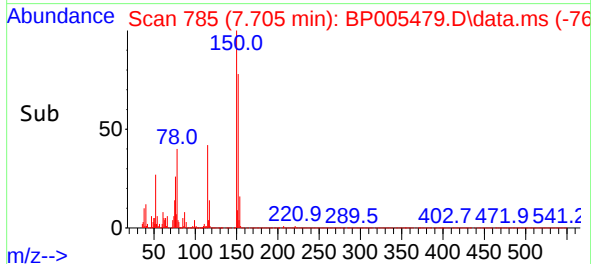
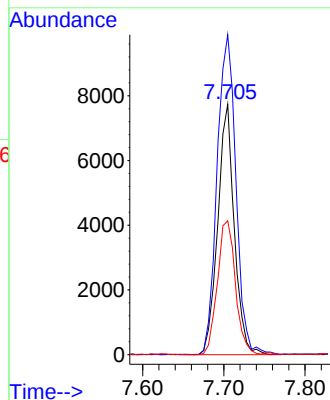
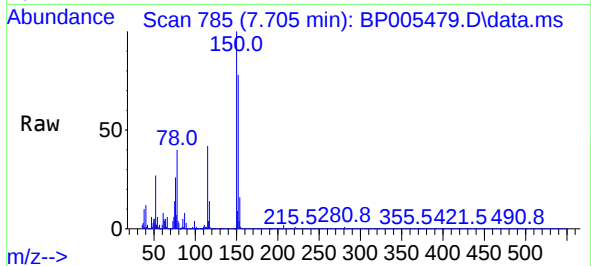
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Tgt Ion:152 Resp: 10997
Ion Ratio Lower Upper
152 100
150 127.8 119.8 179.8
115 53.5 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
BS-SP2

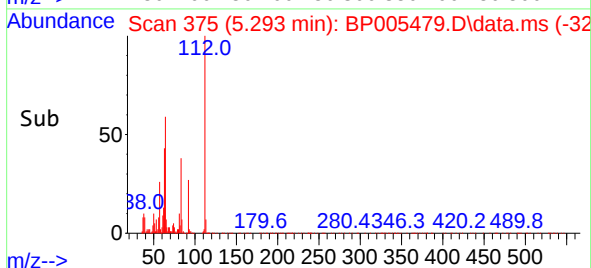
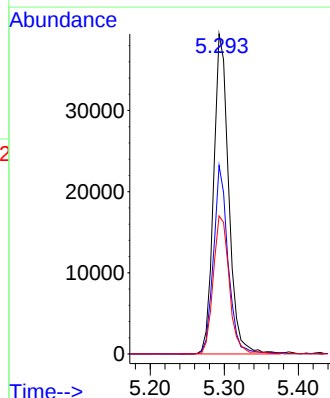
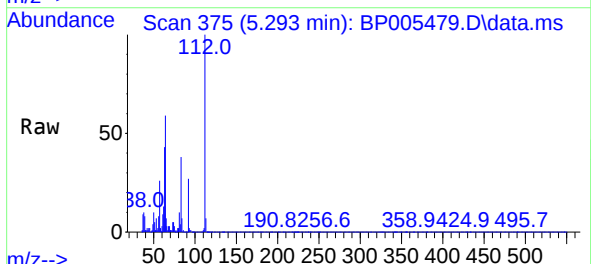
Manual Integrations
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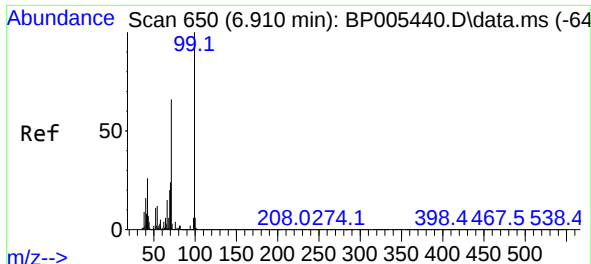
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#5
2-Fluorophenol
Concen: 97.19 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

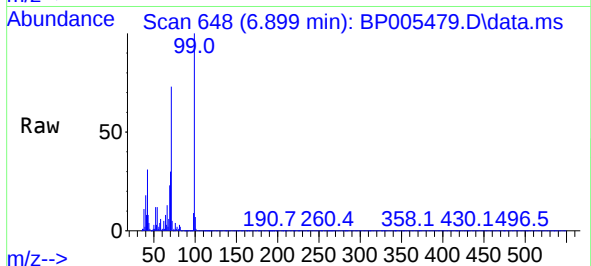
Tgt Ion:112 Resp: 55694
Ion Ratio Lower Upper
112 100
64 58.9 33.6 50.4#
63 43.2 18.6 27.8#





#7
Phenol-d6
Concen: 80.52 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

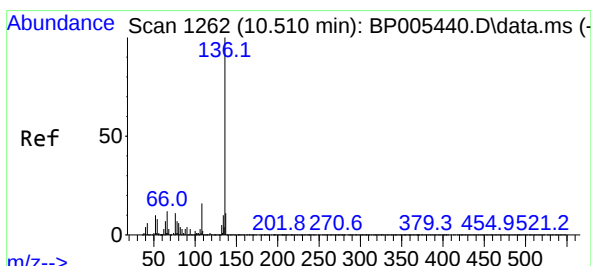
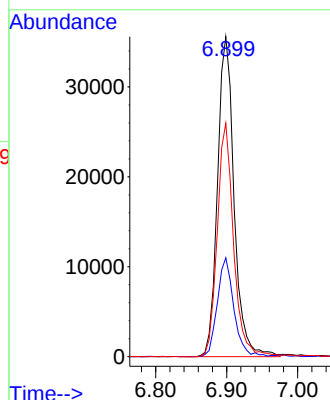
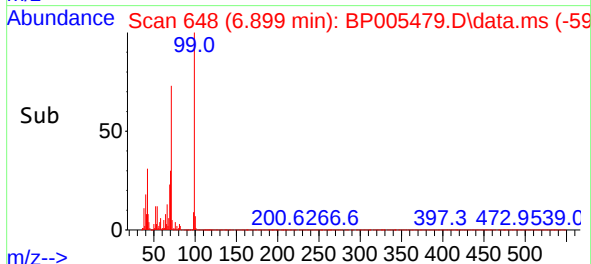
Instrument :
BNA_P
ClientSampled :
BS-SP2



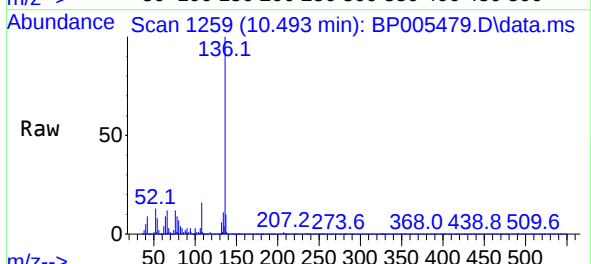
Tgt Ion: 99 Resp: 57537
Ion Ratio Lower Upper
99 100
42 30.9 12.9 19.3#
71 72.9 26.7 40.1#

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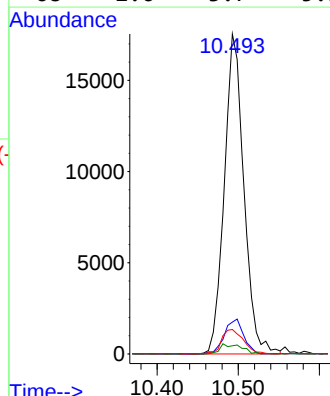
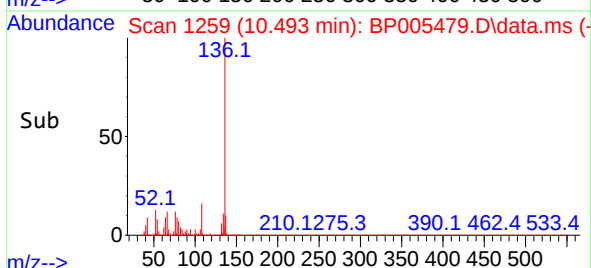
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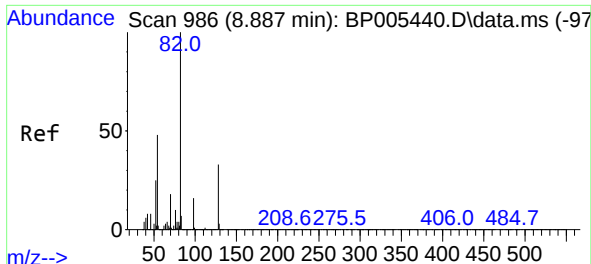


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



Tgt Ion: 136 Resp: 29396
Ion Ratio Lower Upper
136 100
137 9.9 8.9 13.3
54 7.6 5.0 7.4#
68 2.6 3.7 5.5#





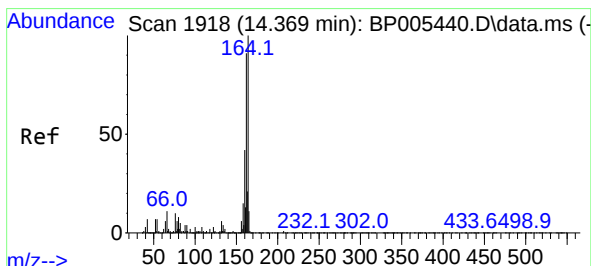
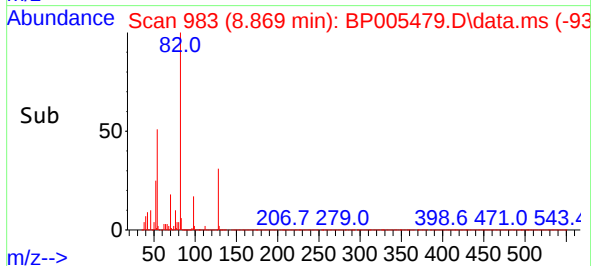
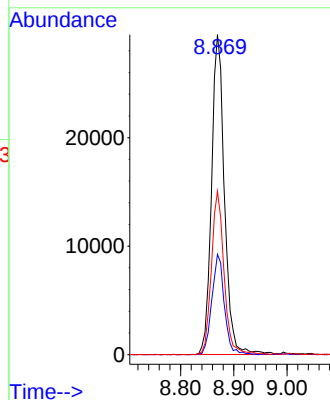
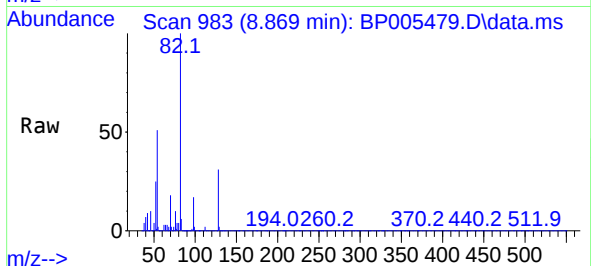
#23
Nitrobenzene-d5
Concen: 66.78 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Tgt Ion:	82	Resp:	49877
Ion	Ratio	Lower	Upper
82	100		
128	31.3	30.5	45.7
54	51.1	33.9	50.9#

Instrument :
BNA_P
ClientSampled :
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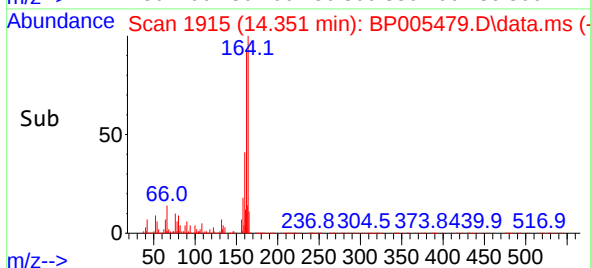
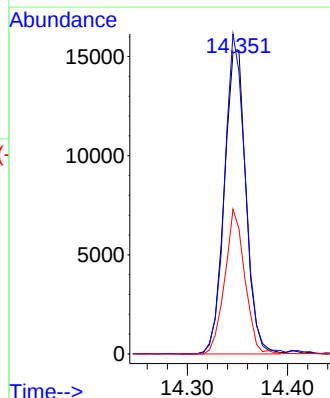
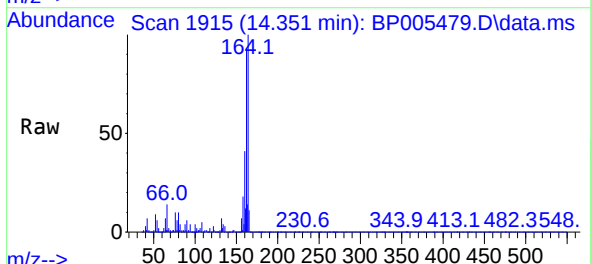
Manual Integrations
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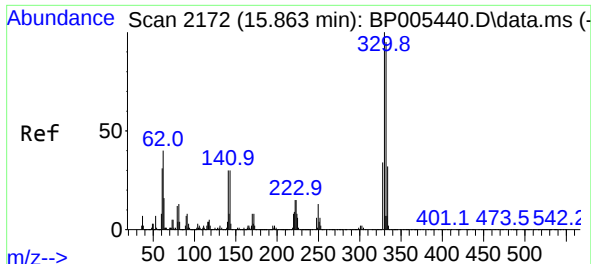
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

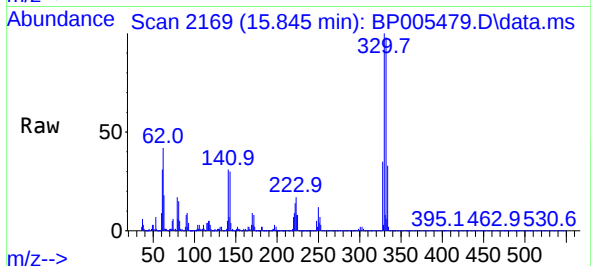
Tgt Ion:	164	Resp:	23004
Ion	Ratio	Lower	Upper
164	100		
162	92.9	73.5	110.3
160	41.3	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 83.48 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

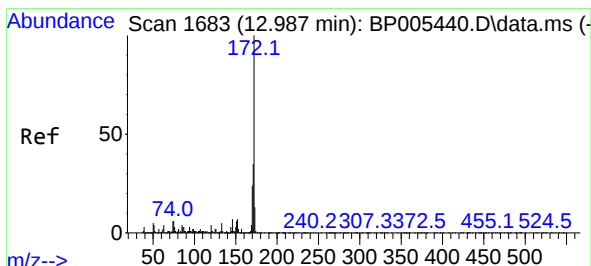
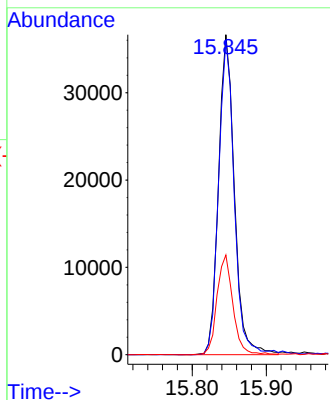
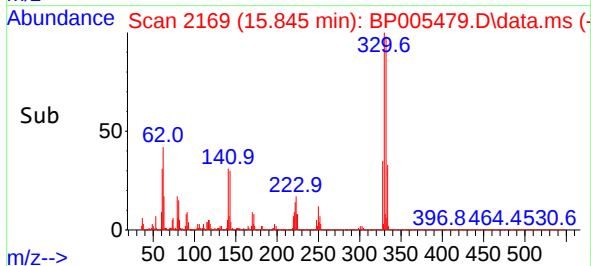
Instrument :
BNA_P
ClientSampleId :
BS-SP2



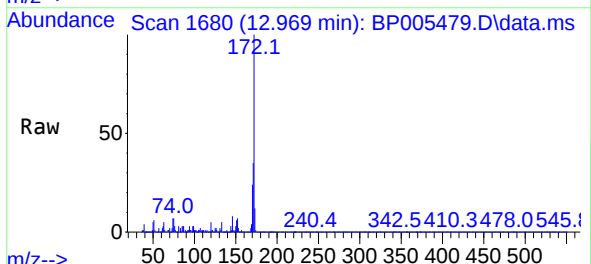
Tgt Ion:330 Resp: 54493
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 31.4 22.8 34.2

Manual Integrations
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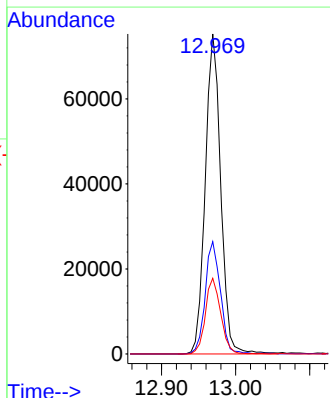
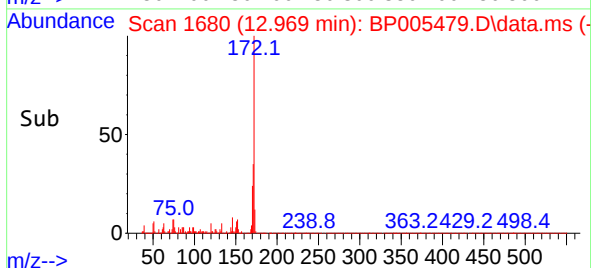
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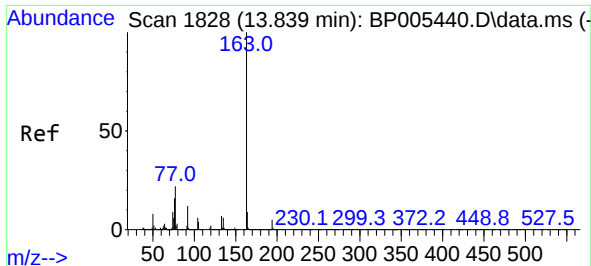


#45
2-Fluorobiphenyl
Concen: 53.57 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



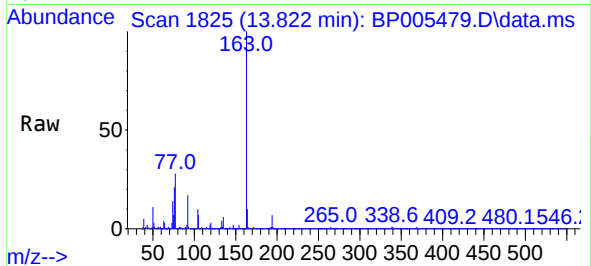
Tgt Ion:172 Resp: 109238
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 19.6 29.4





#50
Dimethylphthalate
Concen: 3.06 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

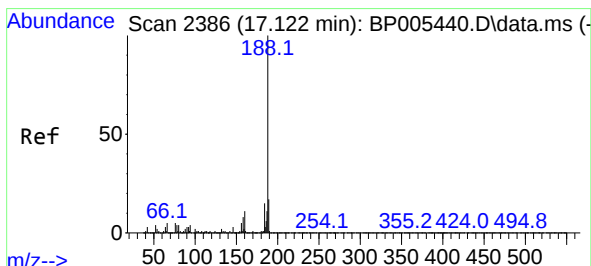
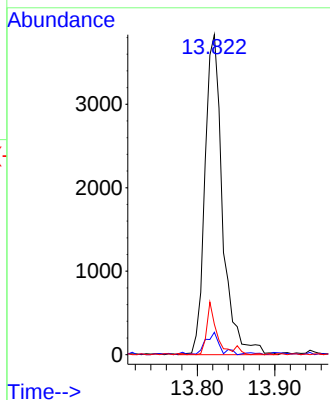
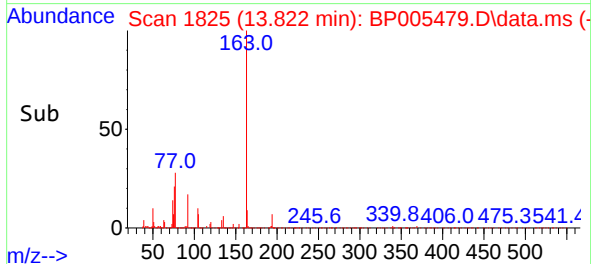
Instrument :
BNA_P
ClientSampleId :
BS-SP2



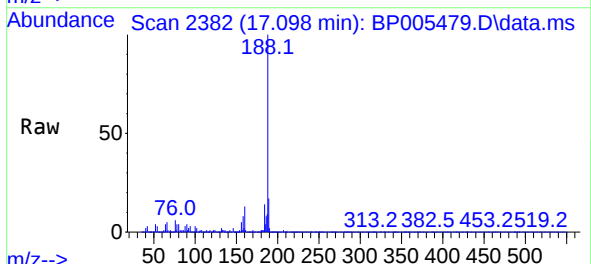
Tgt Ion:163 Resp: 6069
Ion Ratio Lower Upper
163 100
194 7.0 3.9 5.9#
164 9.5 8.1 12.1

Manual Integrations
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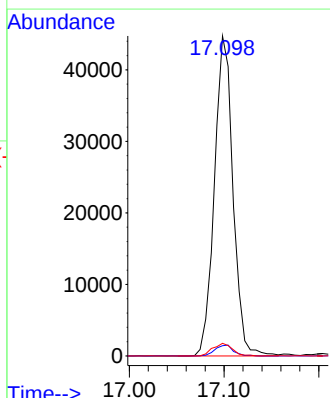
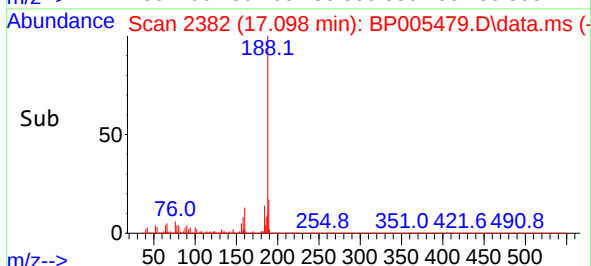
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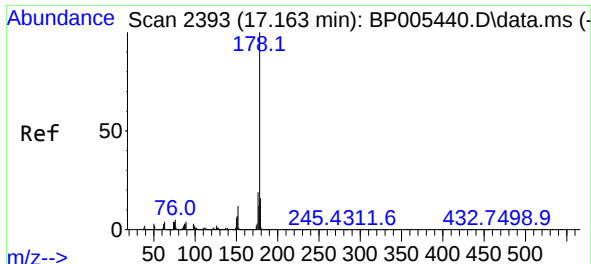


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



Tgt Ion:188 Resp: 61034
Ion Ratio Lower Upper
188 100
94 3.2 5.0 7.6#
80 4.0 5.9 8.9#





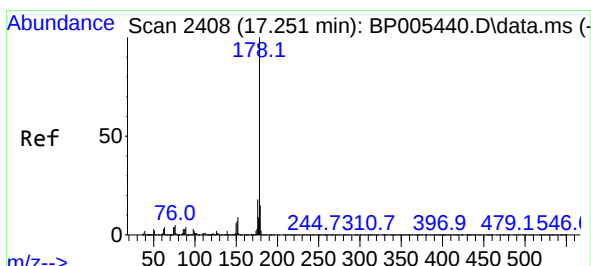
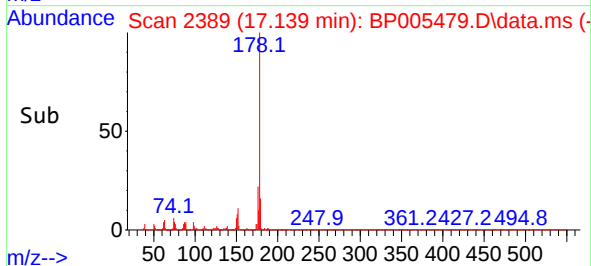
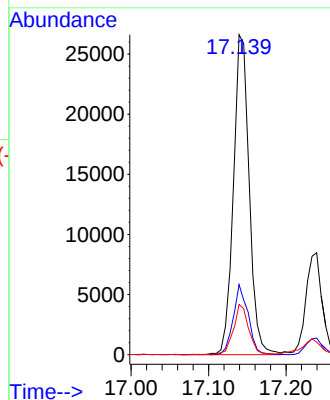
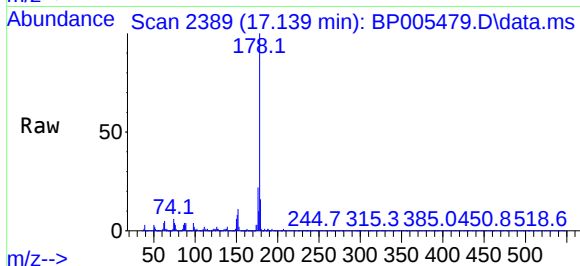
#71
Phenanthrene
Concen: 10.90 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.4	23.2
179	15.7	12.3	18.5

Instrument :
BNA_P
ClientSampleId :
BS-SP2

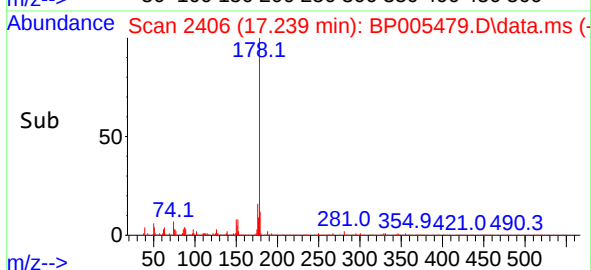
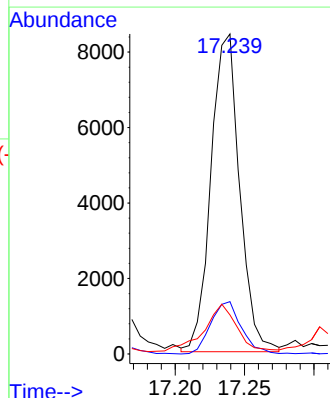
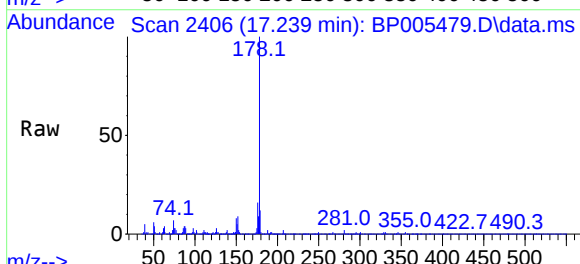
Manual Integrations
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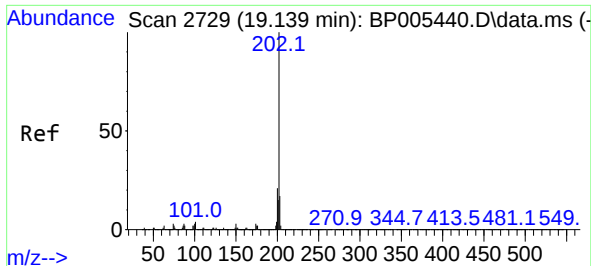
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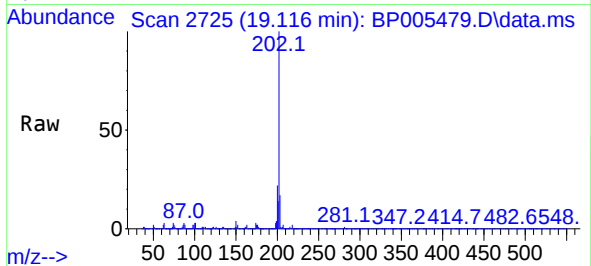
#72
Anthracene
Concen: 3.52 ng m
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.4	15.2	22.8
179	12.2	12.6	19.0

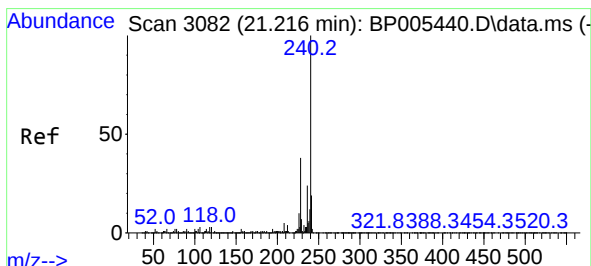
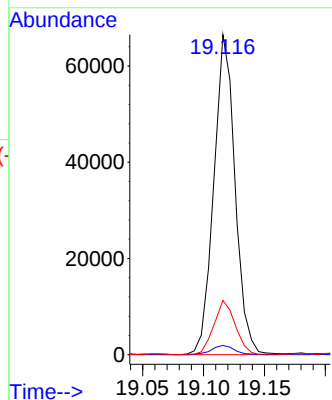
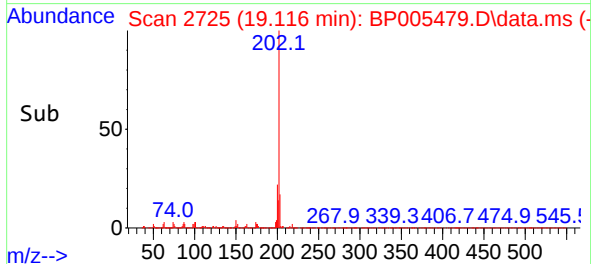




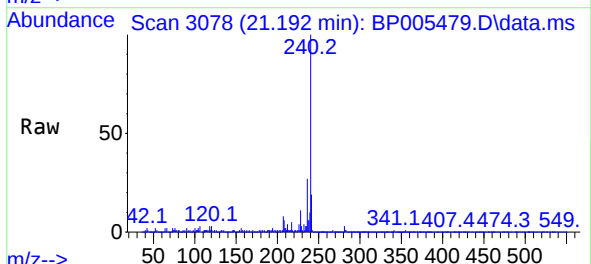
#75
Fluoranthene
Concen: 16.95 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



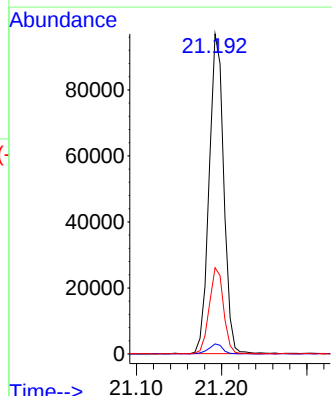
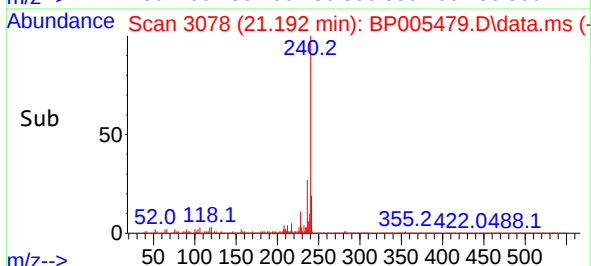
Tgt Ion: 202 Resp: 80849
Ion Ratio Lower Upper
202 100
101 2.9 0.0 26.1
203 16.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



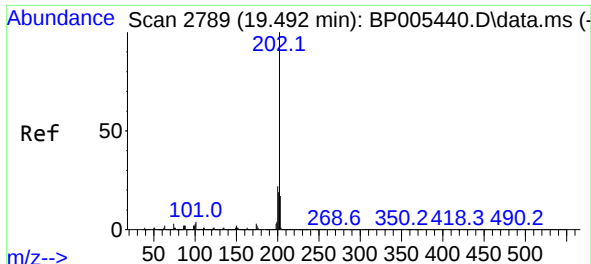
Tgt Ion: 240 Resp: 115046
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 26.9 20.2 30.2



Instrument :
BNA_P
ClientSampled :
BS-SP2

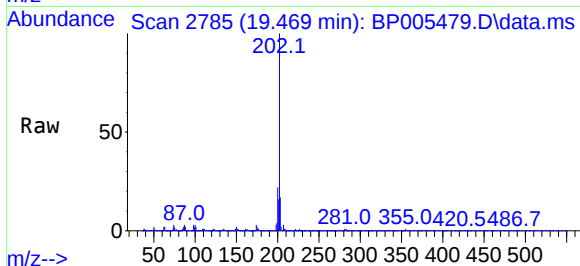
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#78
Pyrene
Concen: 11.85 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

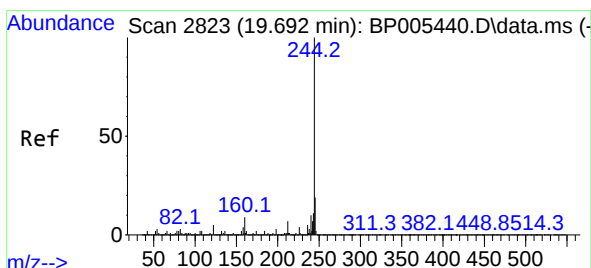
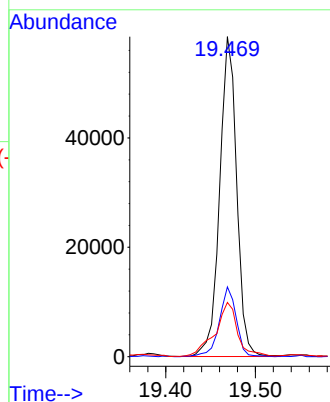
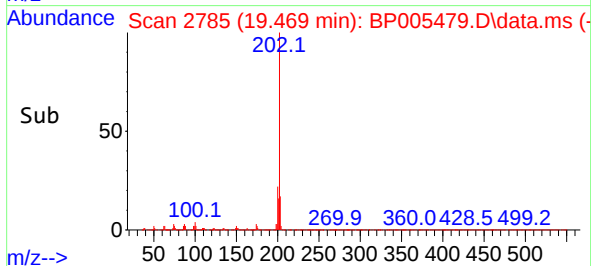
Instrument :
BNA_P
ClientSampled :
BS-SP2



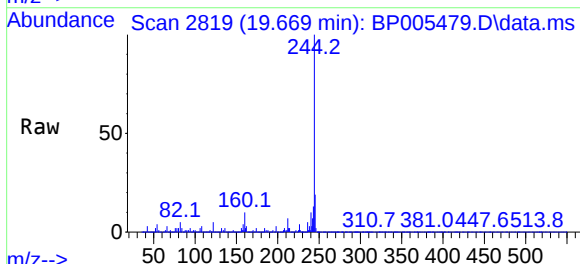
Tgt Ion:202 Resp: 77174
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.0 13.8 20.6

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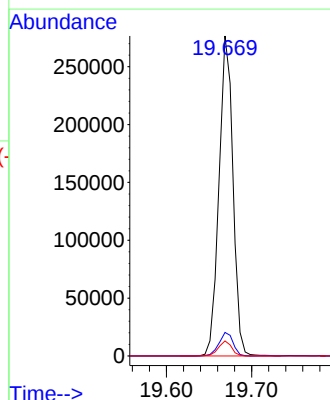
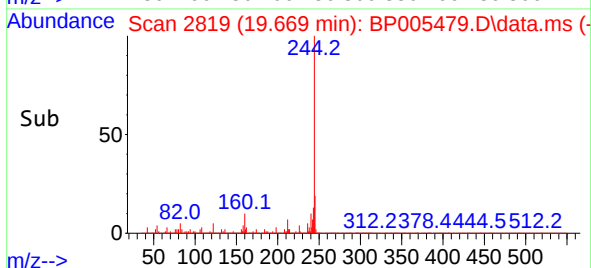
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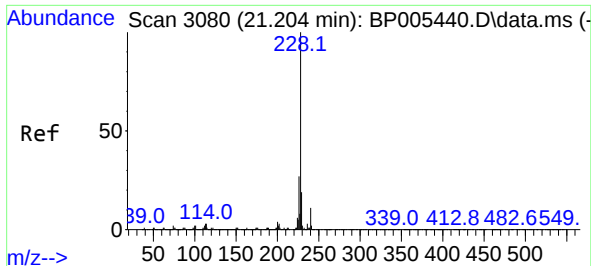


#79
Terphenyl-d14
Concen: 46.44 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



Tgt Ion:244 Resp: 314570
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.7 5.2 7.8#





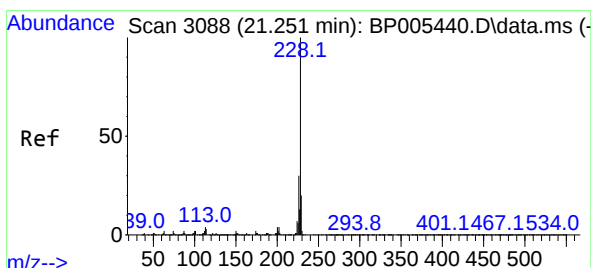
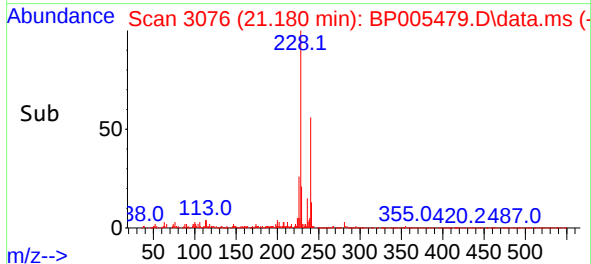
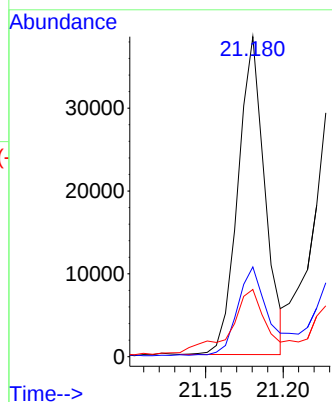
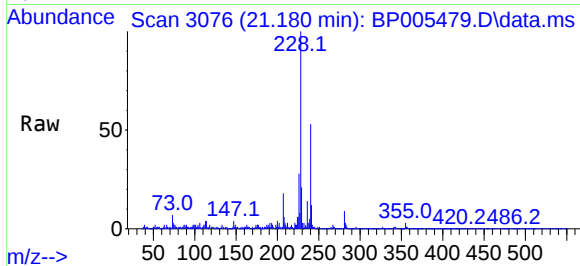
#81
Benzo(a)anthracene
Concen: 6.19 ng
RT: 21.180 min Scan# 3076
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Instrument :
BNA_P
ClientSampled :
BS-SP2

Tgt Ion:	228	Resp:	46168
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.2	31.8
229	21.0	15.6	23.4

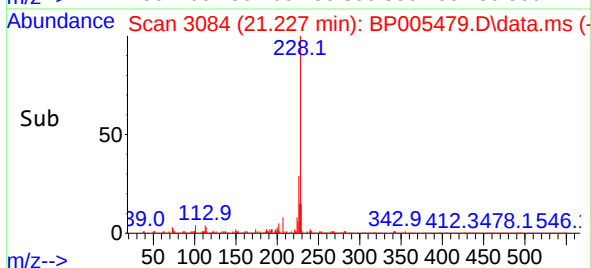
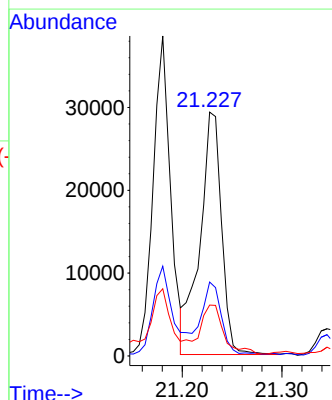
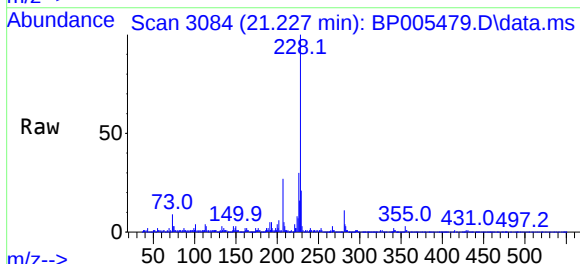
Manual Integrations
APPROVED

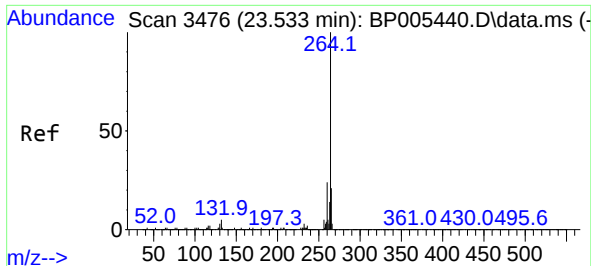
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#83
Chrysene
Concen: 6.13 ng m
RT: 21.227 min Scan# 3084
Delta R.T. -0.018 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

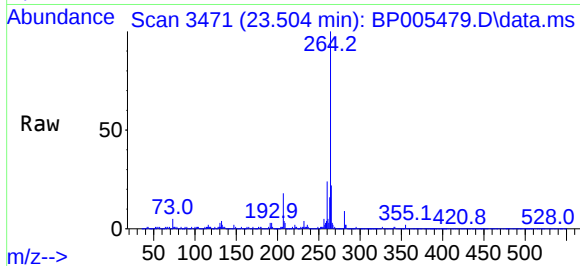
Tgt Ion:	228	Resp:	44302
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.8	37.2
229	20.9	15.4	23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.018 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

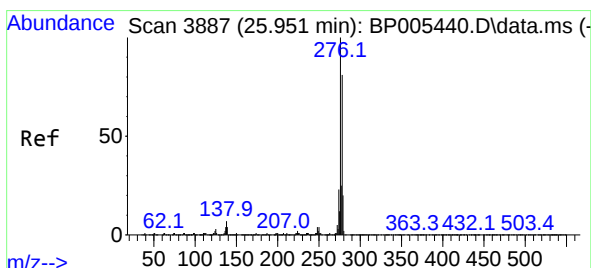
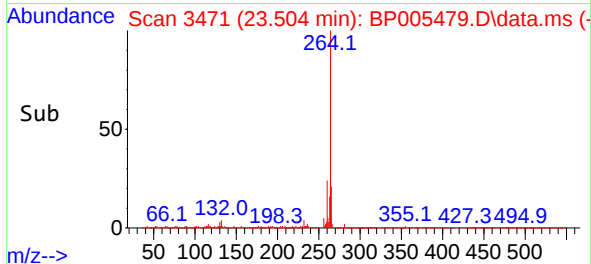
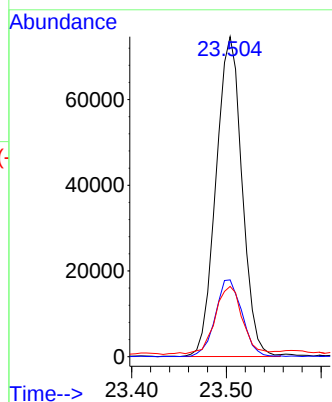
Instrument :
BNA_P
ClientSampled :
BS-SP2



Tgt Ion: 264 Resp: 142413
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 21.9 19.0 28.6

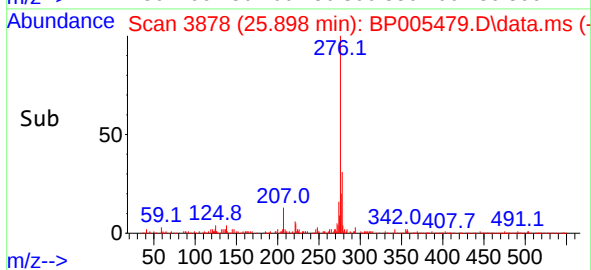
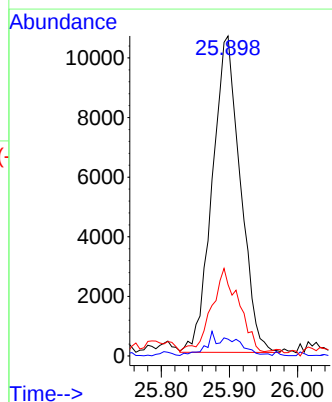
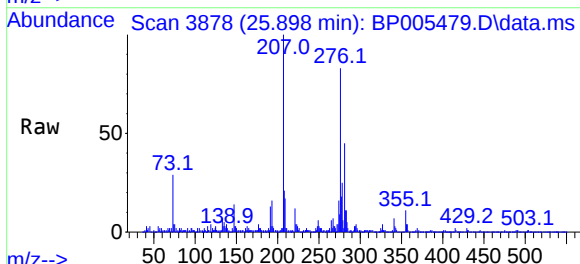
Manual Integrations
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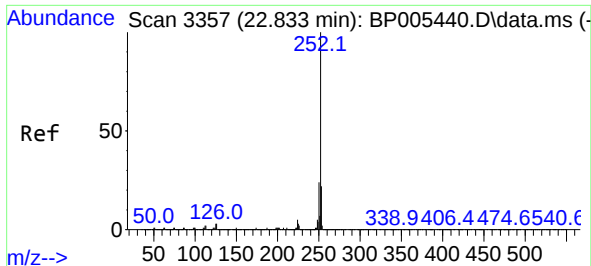
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.54 ng
RT: 25.898 min Scan# 3878
Delta R.T. -0.035 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Tgt Ion: 276 Resp: 30455
Ion Ratio Lower Upper
276 100
138 3.6 8.4 12.6#
277 25.5 20.6 31.0





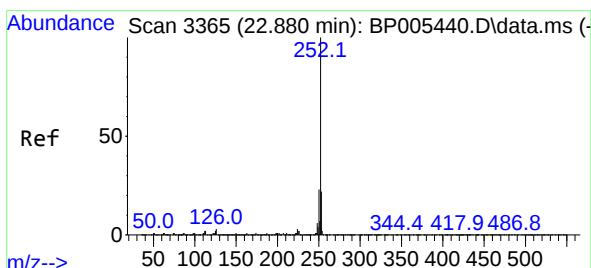
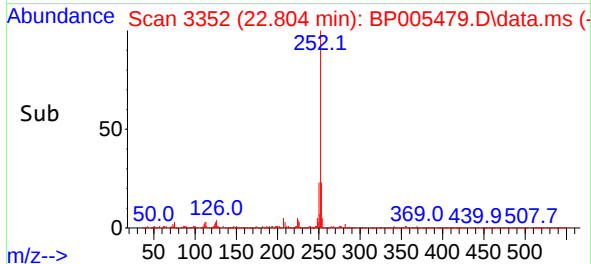
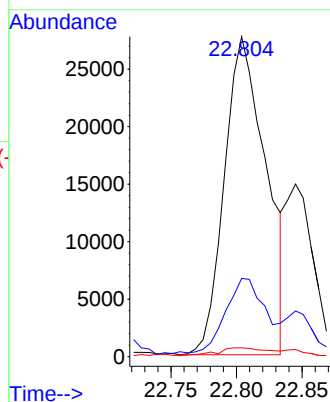
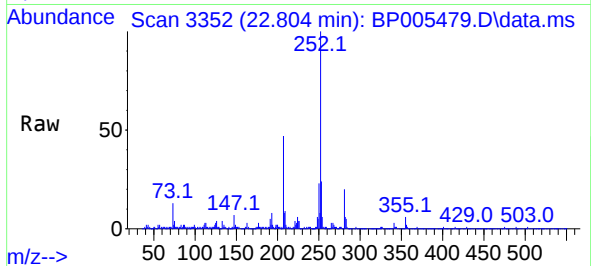
#88
Benzo(b)fluoranthene
Concen: 6.44 ng
RT: 22.804 min Scan# 3352
Delta R.T. -0.012 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

Instrument :
BNA_P
ClientSampleId :
BS-SP2

Tgt Ion:252 Resp: 61098
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.2
125 2.7 3.4 5.0#

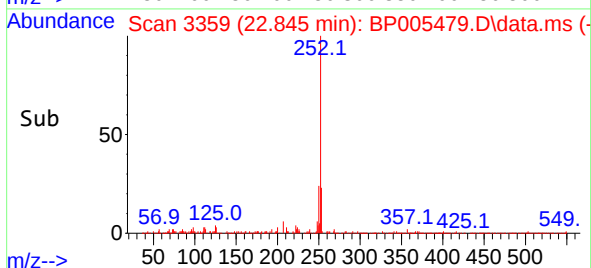
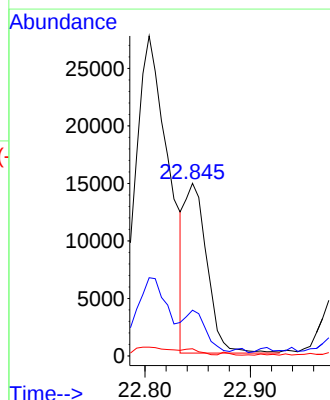
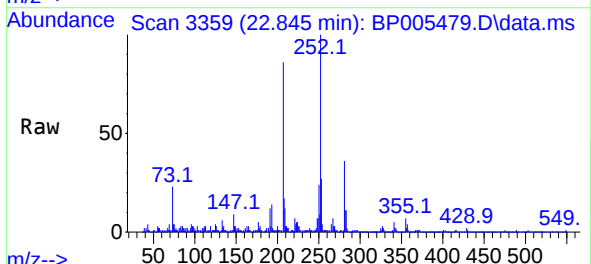
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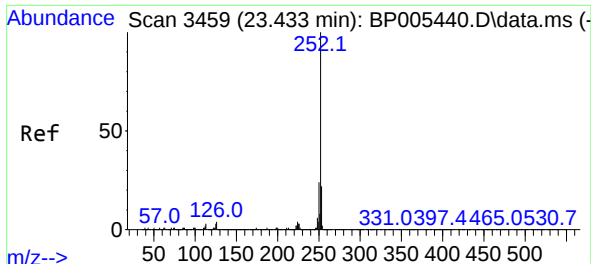
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#89
Benzo(k)fluoranthene
Concen: 2.33 ng m
RT: 22.845 min Scan# 3359
Delta R.T. -0.018 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

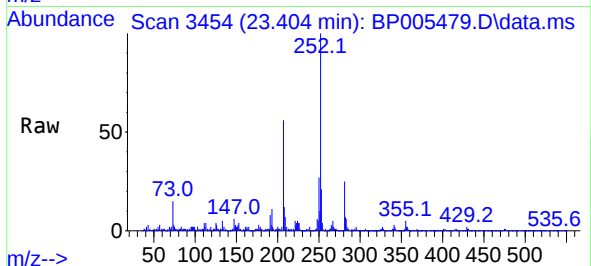
Tgt Ion:252 Resp: 21665
Ion Ratio Lower Upper
252 100
253 26.6 17.2 25.8#
125 4.2 3.8 5.6





#90
Benzo(a)pyrene
Concen: 5.20 ng
RT: 23.404 min Scan# 3454
Delta R.T. -0.018 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07

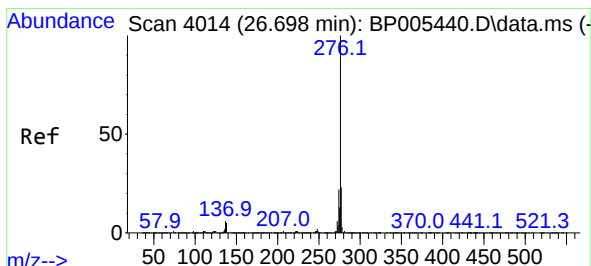
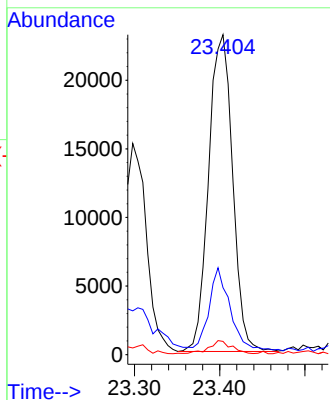
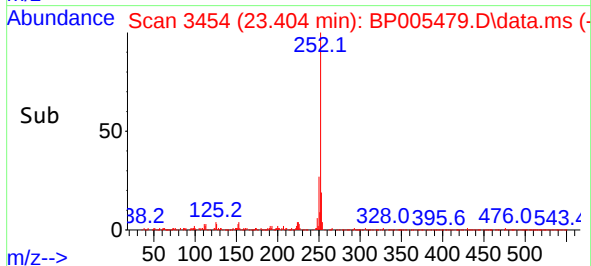
Instrument :
BNA_P
ClientSampled :
BS-SP2



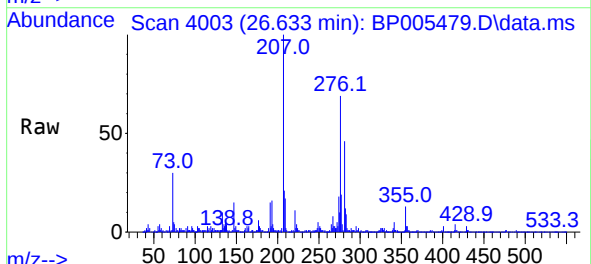
Tgt Ion: 252 Resp: 45195
Ion Ratio Lower Upper
252 100
253 20.9 17.1 25.7
125 4.1 3.8 5.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.12 ng
RT: 26.633 min Scan# 4003
Delta R.T. -0.035 min
Lab File: BP005479.D
Acq: 10 May 2021 21:07



Tgt Ion: 276 Resp: 30472
Ion Ratio Lower Upper
276 100
277 28.2 19.8 29.8
138 5.5 7.7 11.5#

