

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005537.D
 Acq On : 14 May 2021 01:05
 Operator : CG/JU
 Sample : M2372-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26598

Manual Integrations
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Quant Time: May 14 03:27:38 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	7.687	152	21758	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	73196	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	59227	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	181586	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	142977	20.00	ng	0.01
86) Perylene-d12	23.509	264	146667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	44933	39.63	ng	0.00
7) Phenol-d6	6.893	99	50675	35.85	ng	0.00
23) Nitrobenzene-d5	8.857	82	46139	24.81	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	61710	36.72	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	132584	25.25	ng	-0.01
79) Terphenyl-d14	19.680	244	314719	37.38	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	17.145	178	55583	5.39	ng	# 86
75) Fluoranthene	19.127	202	179857	12.67	ng	94
78) Pyrene	19.480	202	150215	18.56	ng	# 96
81) Benzo(a)anthracene	21.186	228	72742	7.85	ng	92
83) Chrysene	21.239	228	77466	8.63	ng	96
87) Indeno(1,2,3-cd)pyrene	25.909	276	74740	6.06	ng	# 95
88) Benzo(b)fluoranthene	22.815	252	126529	12.95	ng	98
89) Benzo(k)fluoranthene	22.851	252	45029m	4.71	ng	
90) Benzo(a)pyrene	23.409	252	80034	8.93	ng	96
92) Benzo(g,h,i)perylene	26.650	276	80216	7.96	ng	# 96

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

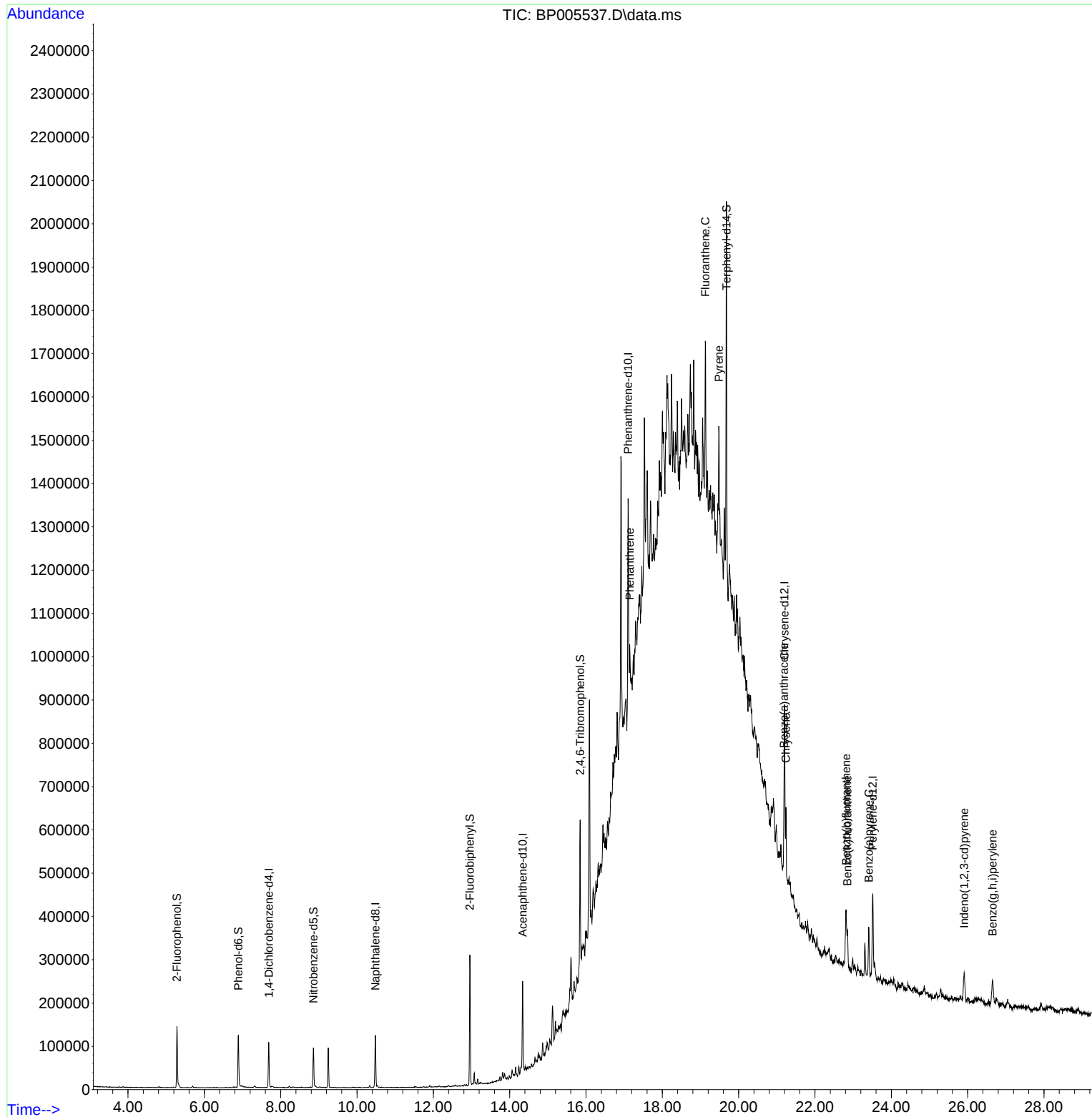
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005537.D
Acq On : 14 May 2021 01:05
Operator : CG/JU
Sample : M2372-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

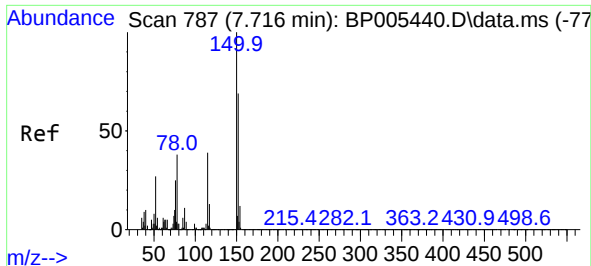
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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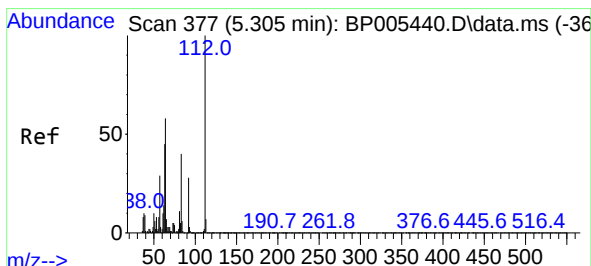
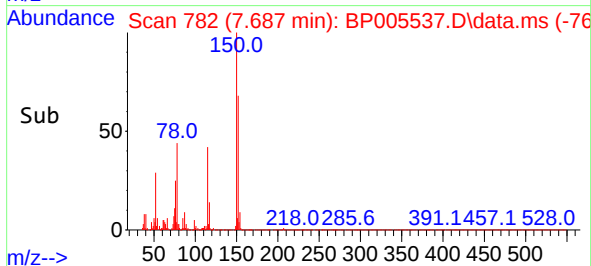
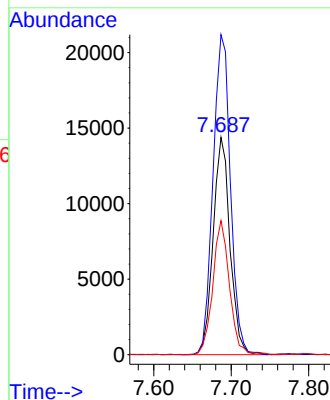
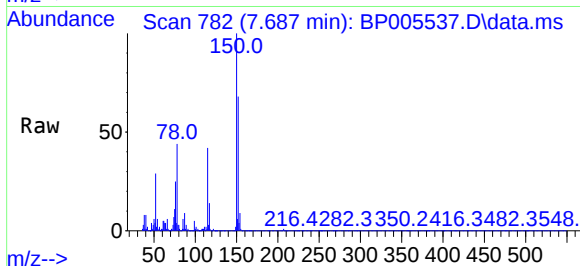
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.8	179.8
115	61.7	49.0	73.4

Instrument :
BNA_P
ClientSampleId :
CHRT-26598

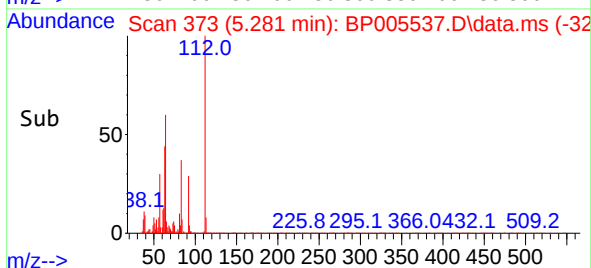
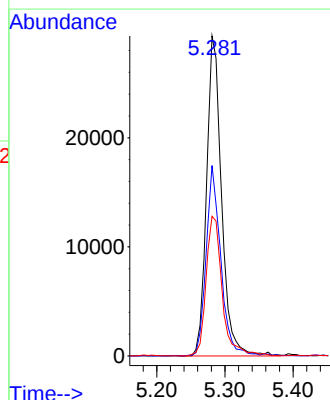
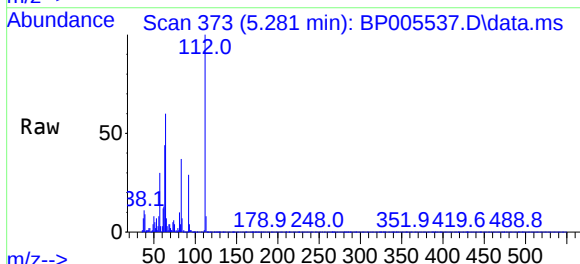
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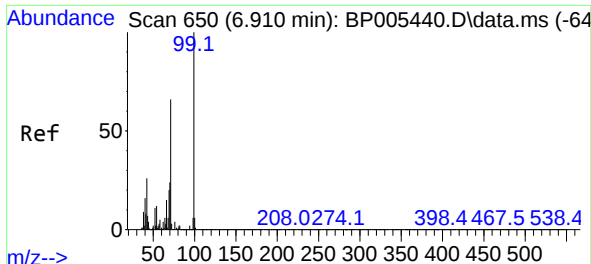
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#5
2-Fluorophenol
Concen: 39.63 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

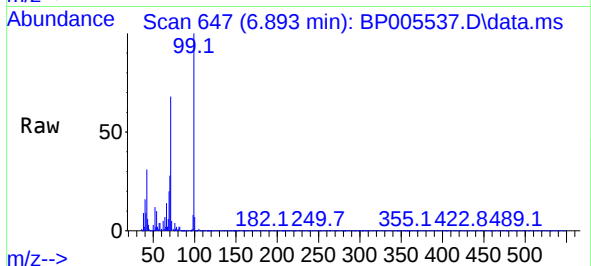
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	33.6	50.4#
63	43.6	18.6	27.8#





#7
Phenol-d6
Concen: 35.85 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

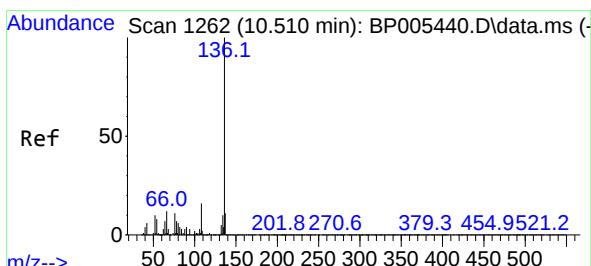
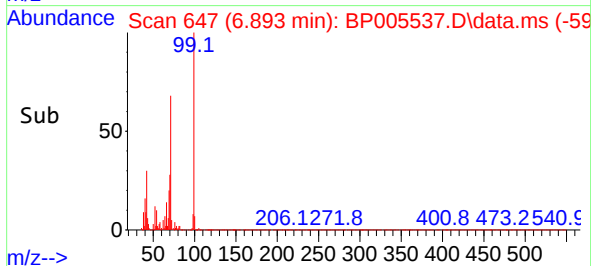
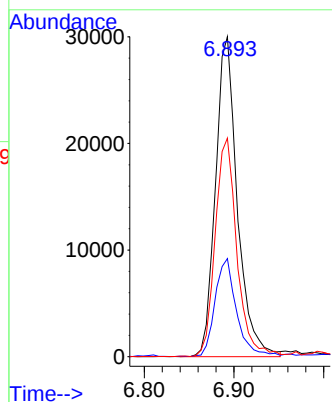
Instrument :
BNA_P
ClientSampleId :
CHRT-26598



Tgt Ion: 99 Resp: 50675
Ion Ratio Lower Upper
99 100
42 30.7 12.9 19.3#
71 68.3 26.7 40.1#

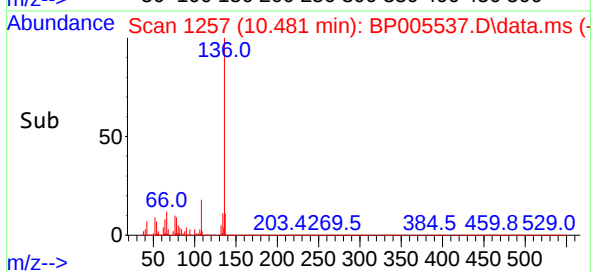
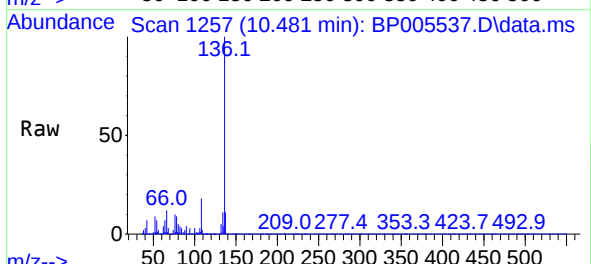
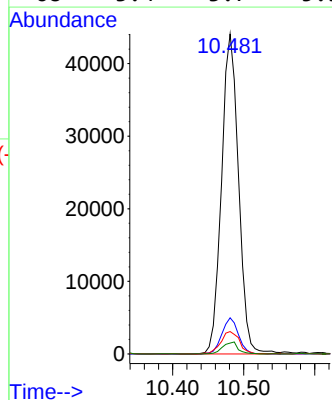
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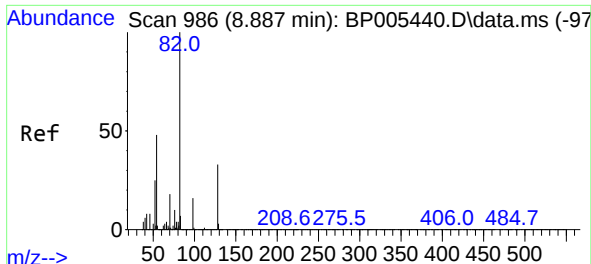
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

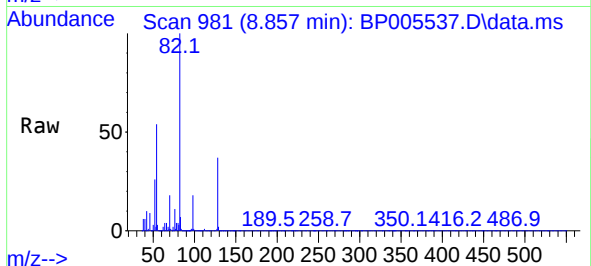
Tgt Ion: 136 Resp: 73196
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.0 5.0 7.4
68 3.4 3.7 5.5#





#23
Nitrobenzene-d5
Concen: 24.81 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

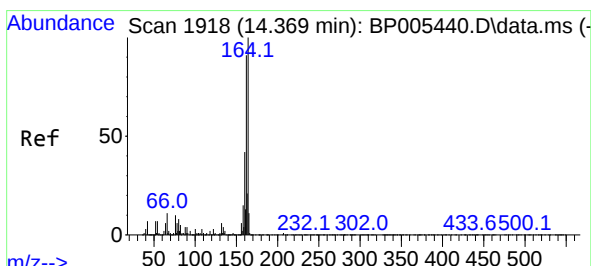
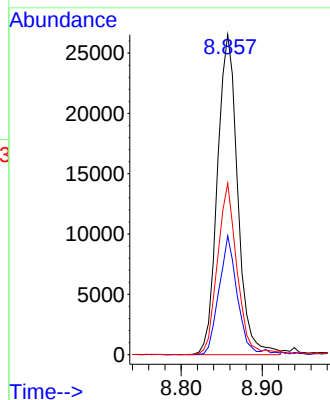
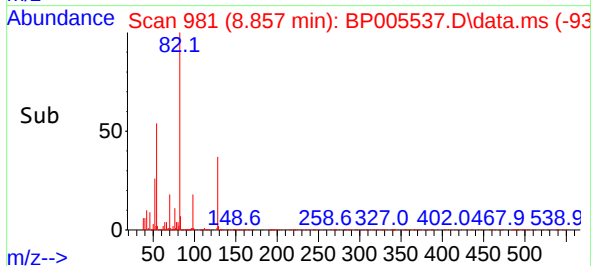
Instrument :
BNA_P
ClientSampleId :
CHRT-26598



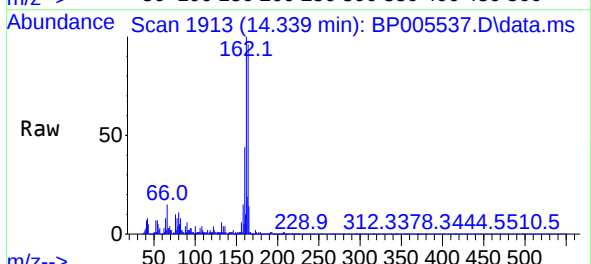
Tgt Ion: 82 Resp: 46139
Ion Ratio Lower Upper
82 100
128 37.1 30.5 45.7
54 53.6 33.9 50.9#

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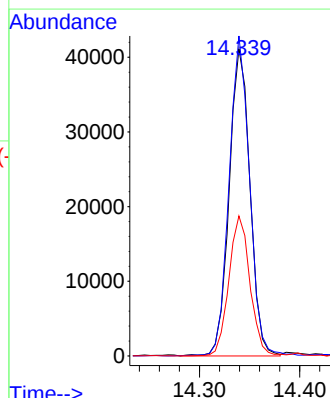
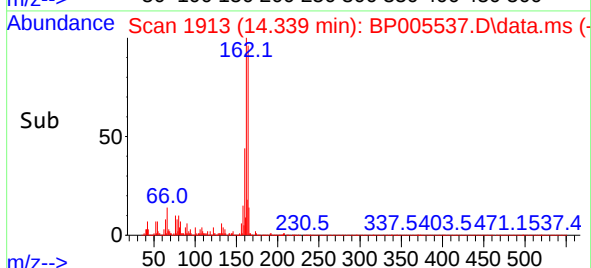
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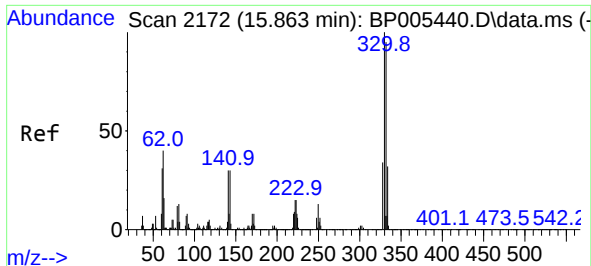


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05



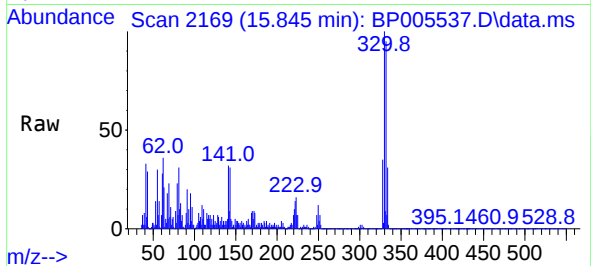
Tgt Ion: 164 Resp: 59227
Ion Ratio Lower Upper
164 100
162 104.2 73.5 110.3
160 45.6 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 36.72 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

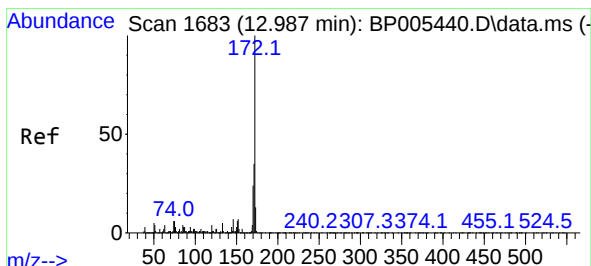
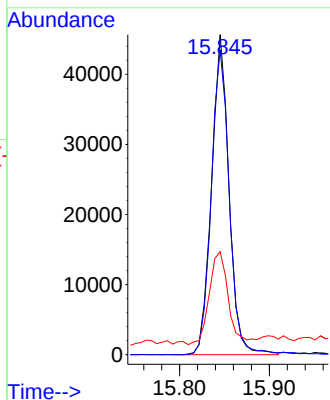
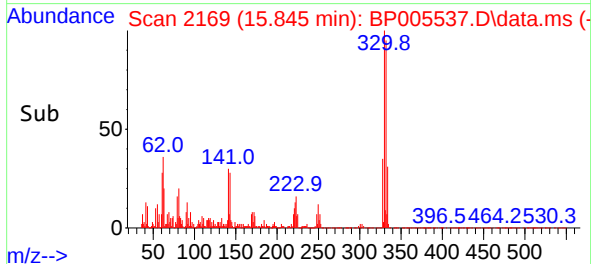
Instrument :
BNA_P
ClientSampleId :
CHRT-26598



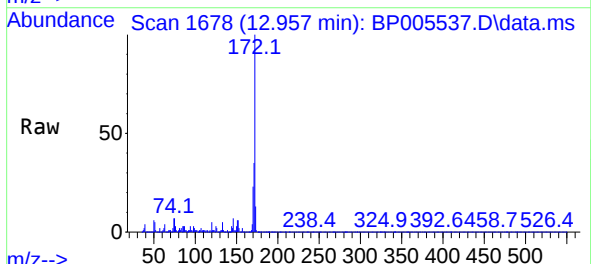
Tgt Ion:330 Resp: 61710
Ion Ratio Lower Upper
330 100
332 98.1 76.3 114.5
141 32.1 22.8 34.2

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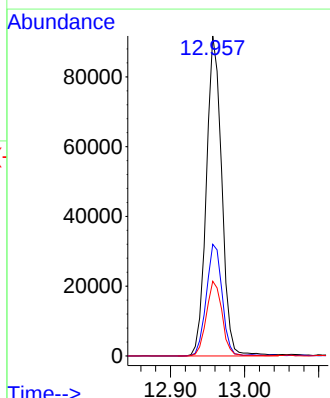
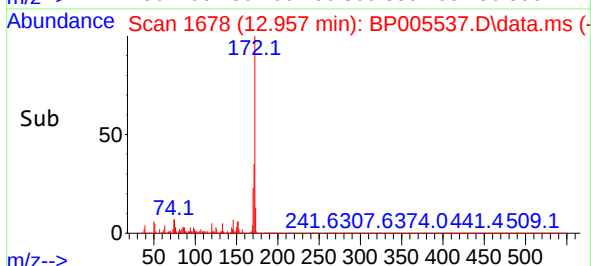
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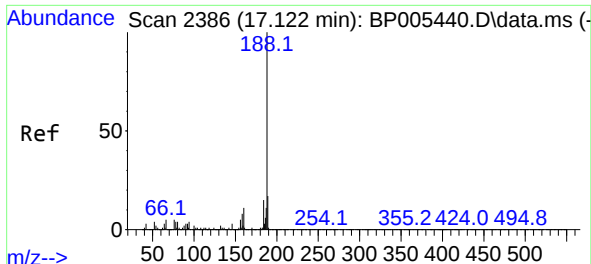


#45
2-Fluorobiphenyl
Concen: 25.25 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05



Tgt Ion:172 Resp: 132584
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 19.6 29.4





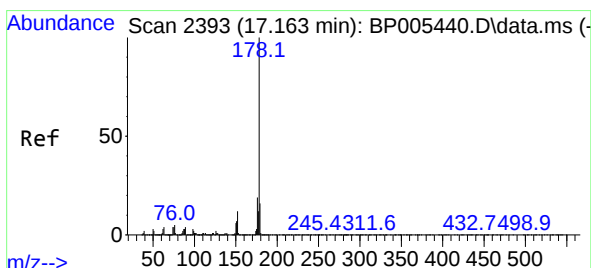
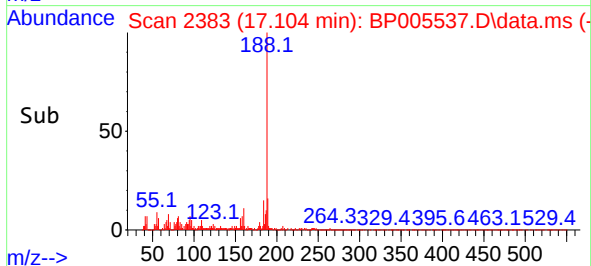
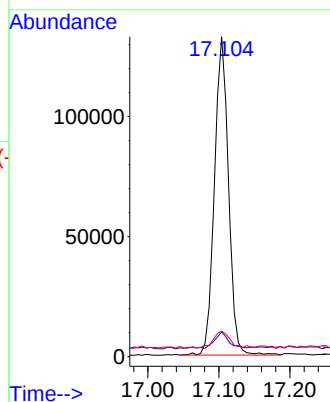
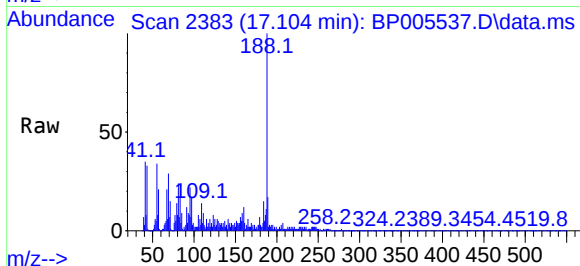
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Instrument :
BNA_P
ClientSampleId :
CHRT-26598

Tgt Ion:188 Resp: 181586
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.0 5.9 8.9

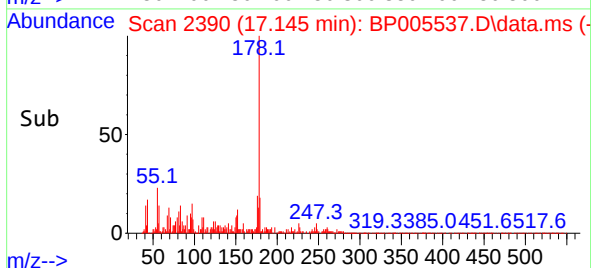
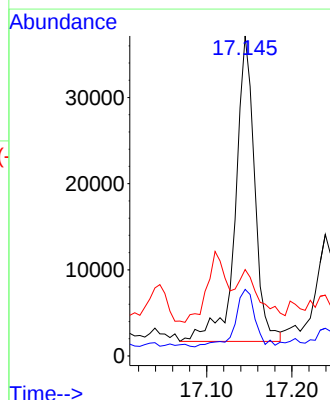
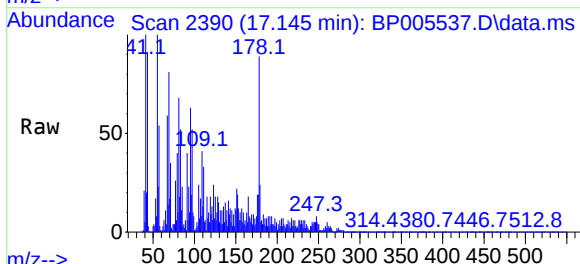
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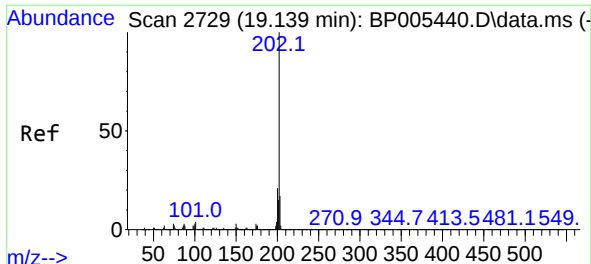
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#71
Phenanthrene
Concen: 5.39 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

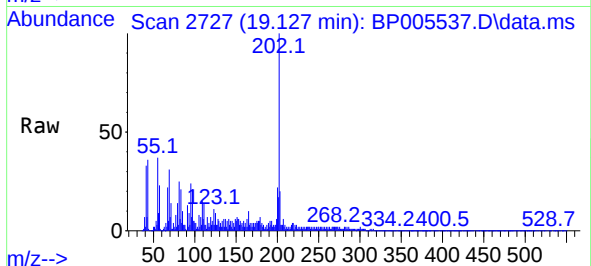
Tgt Ion:178 Resp: 55583
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 27.0 12.3 18.5#





#75
Fluoranthene
Concen: 12.67 ng
RT: 19.127 min Scan# 2727
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

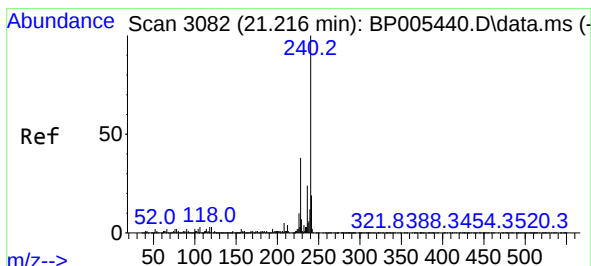
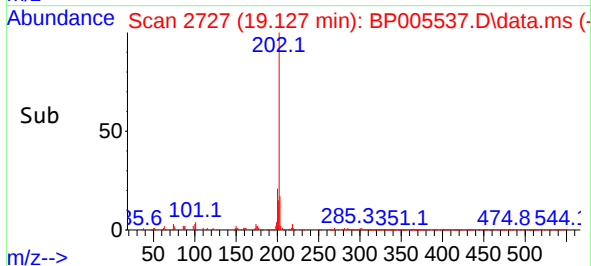
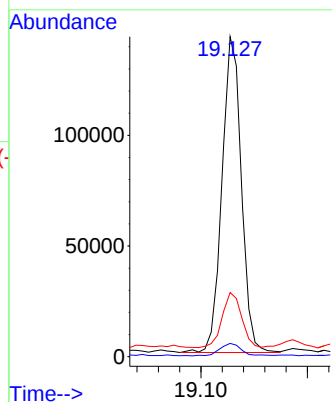
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 179857
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.1
203 20.0 0.0 37.2

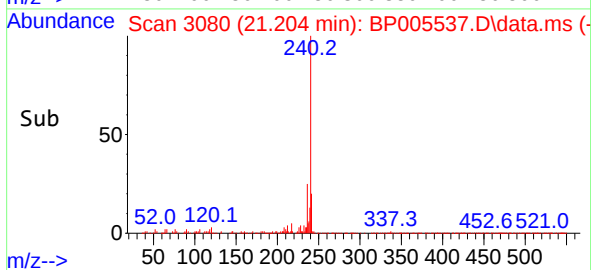
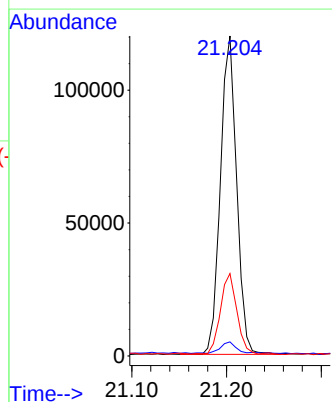
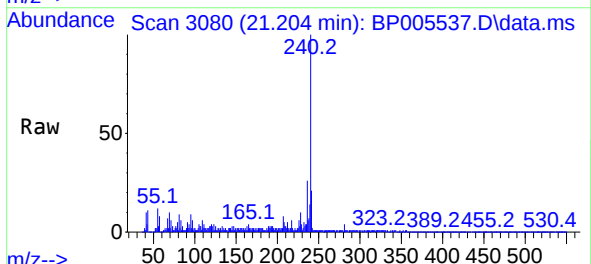
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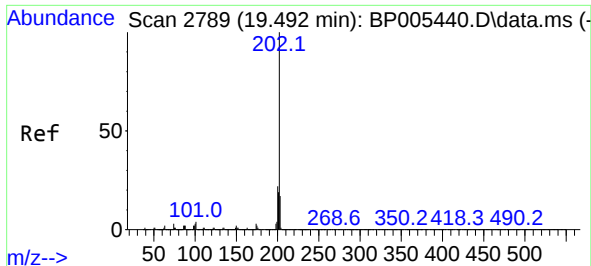
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Tgt Ion:240 Resp: 142977
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.8 20.2 30.2





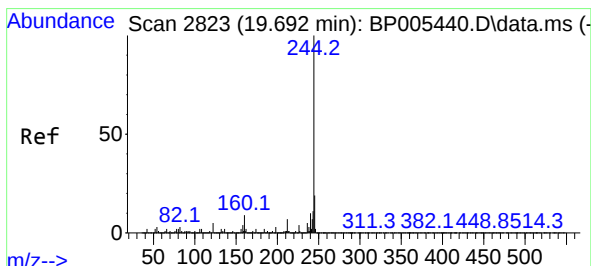
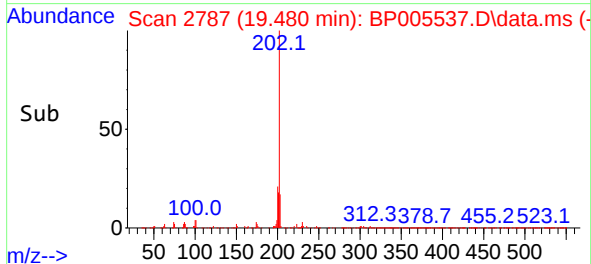
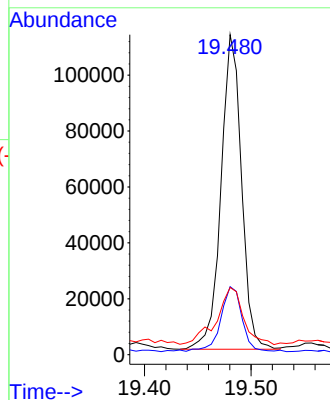
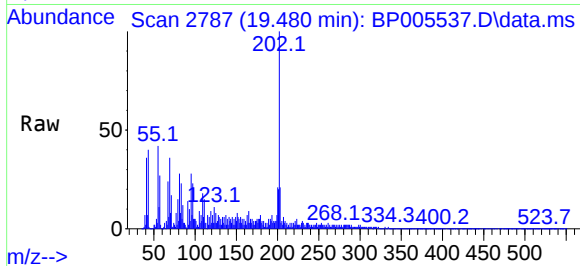
#78
Pyrene
Concen: 18.56 ng
RT: 19.480 min Scan# 2787
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	21.0	13.8	20.6

Instrument :
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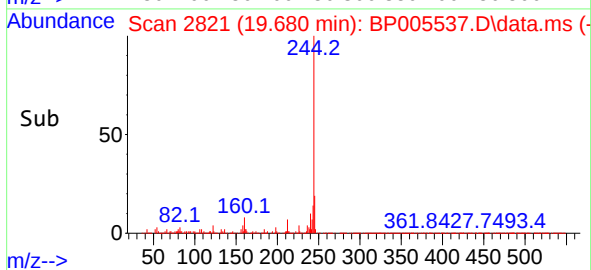
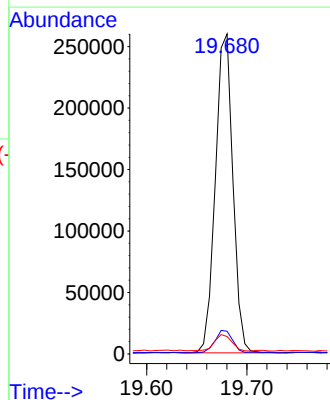
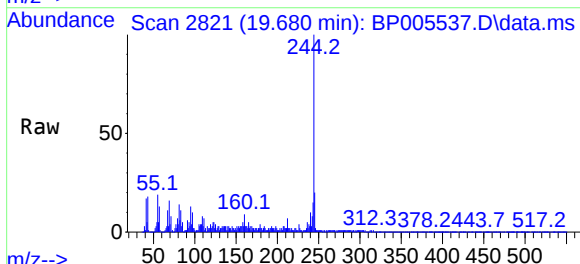
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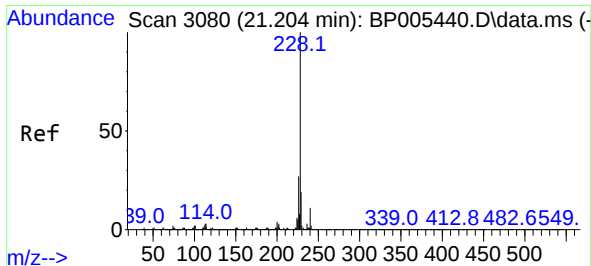
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#79
Terphenyl-d14
Concen: 37.38 ng
RT: 19.680 min Scan# 2821
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

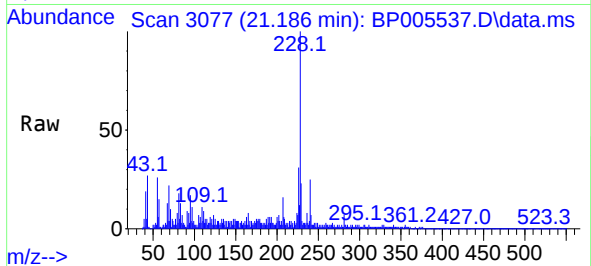
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	5.4	5.2	7.8





#81
Benzo(a)anthracene
Concen: 7.85 ng
RT: 21.186 min Scan# 3077
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

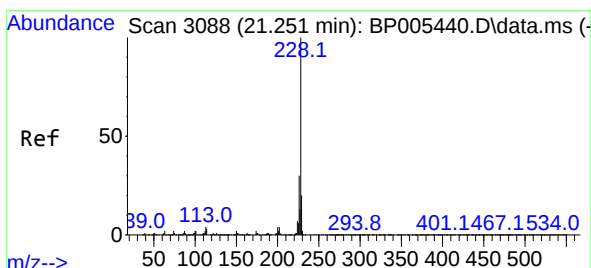
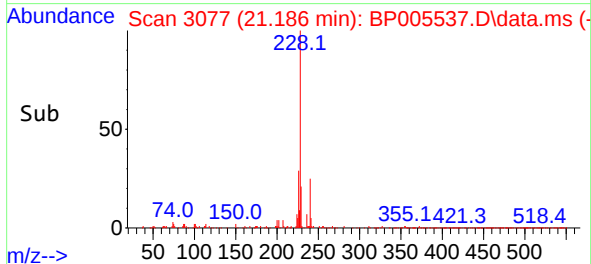
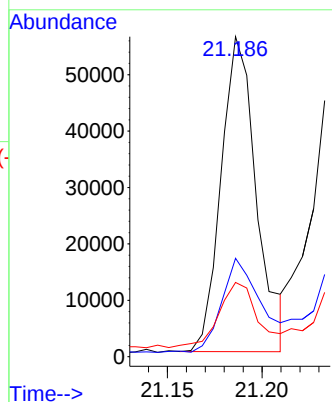
Instrument :
BNA_P
ClientSampled :
CHRT-26598



Tgt Ion:228 Resp: 72742
Ion Ratio Lower Upper
228 100
226 30.7 21.2 31.8
229 23.2 15.6 23.4

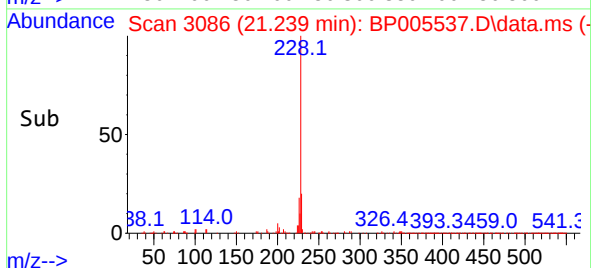
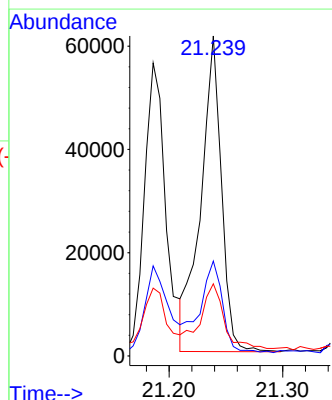
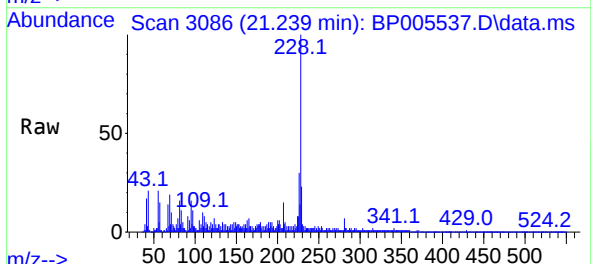
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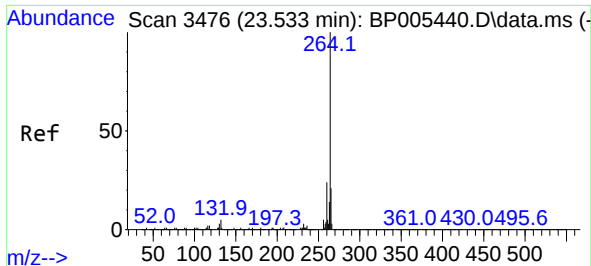
mohammad
5/14/2021 12:52:06 PM



#83
Chrysene
Concen: 8.63 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

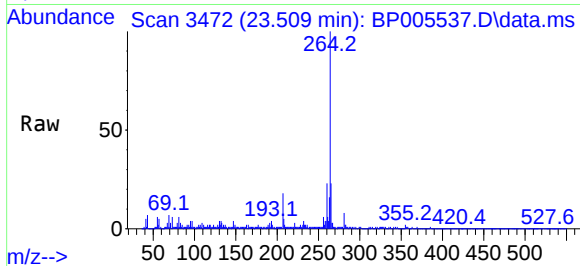
Tgt Ion:228 Resp: 77466
Ion Ratio Lower Upper
228 100
226 29.7 24.8 37.2
229 22.6 15.4 23.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.509 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

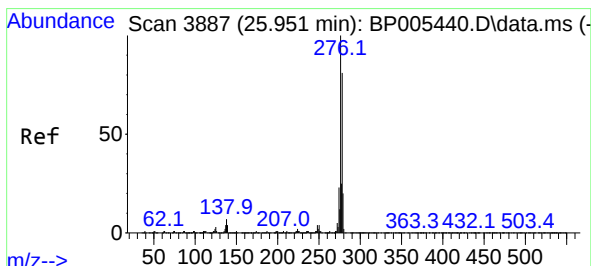
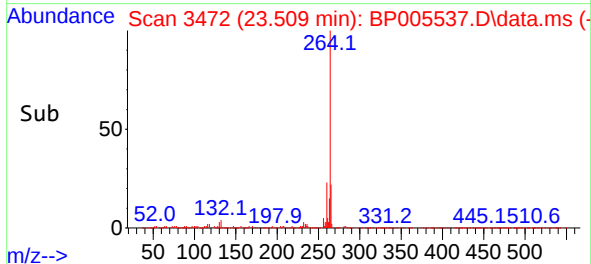
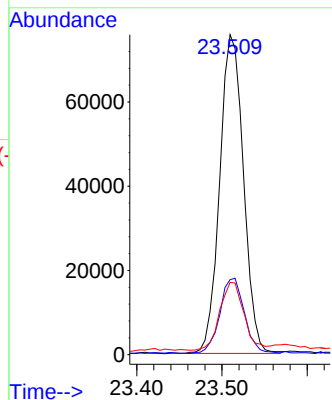
Instrument :
BNA_P
ClientSampleId :
CHRT-26598



Tgt Ion: 264 Resp: 146667
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 22.6 19.0 28.6

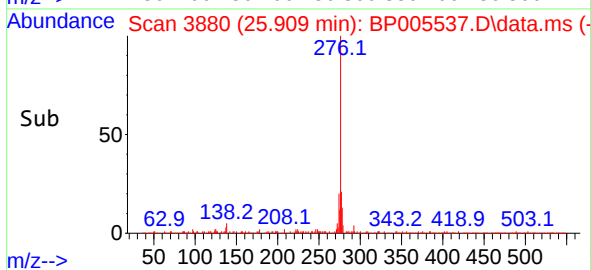
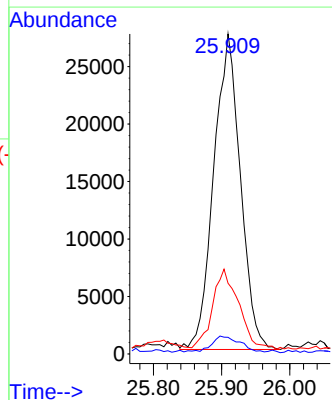
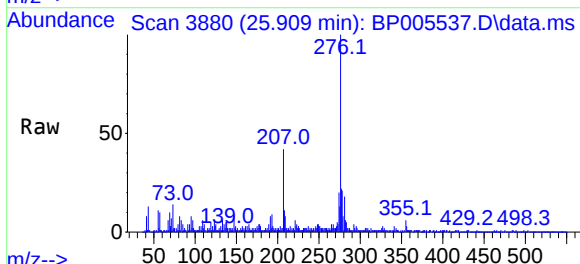
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APPROVED

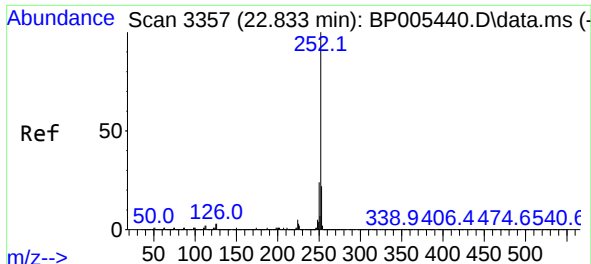
mohammad
5/14/2021 12:52:06 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.06 ng
RT: 25.909 min Scan# 3880
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

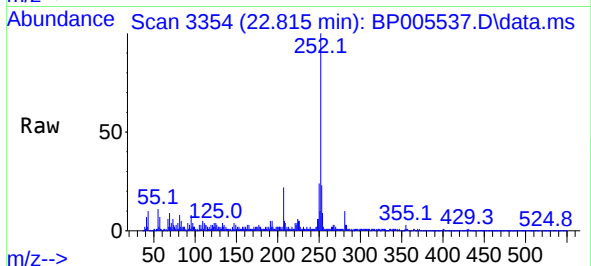
Tgt Ion: 276 Resp: 74740
Ion Ratio Lower Upper
276 100
138 5.3 8.4 12.6#
277 25.2 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 12.95 ng
RT: 22.815 min Scan# 3354
Delta R.T. 0.017 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

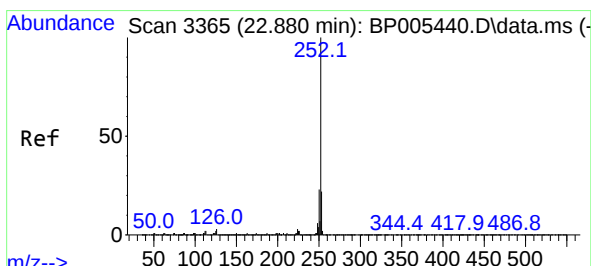
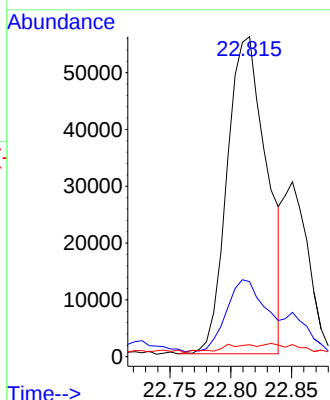
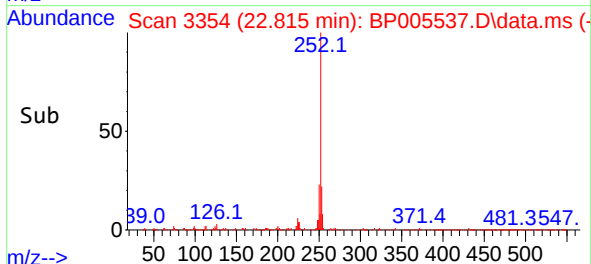
Instrument :
BNA_P
ClientSampled :
CHRT-26598



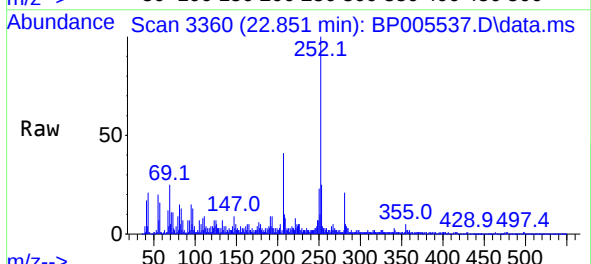
Tgt Ion:252 Resp: 126529
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 3.7 3.4 5.0

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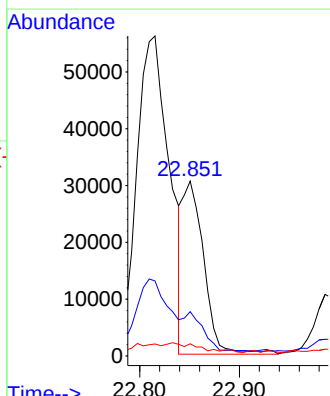
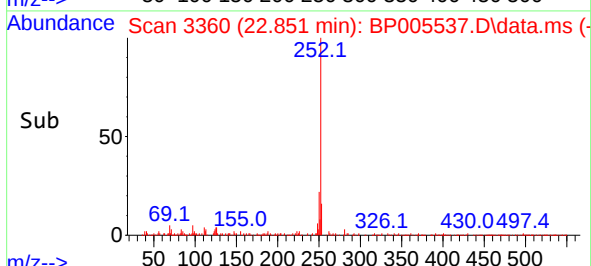
mohammad
5/14/2021 12:52:06 PM

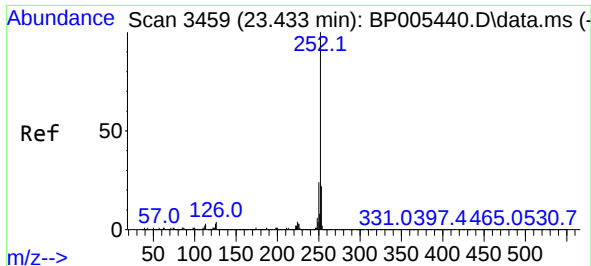


#89
Benzo(k)fluoranthene
Concen: 4.71 ng m
RT: 22.851 min Scan# 3360
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05



Tgt Ion:252 Resp: 45029
Ion Ratio Lower Upper
252 100
253 25.3 17.2 25.8
125 6.9 3.8 5.6#





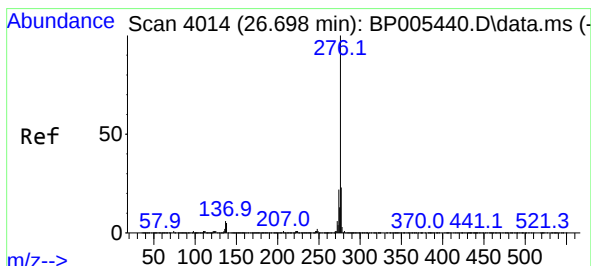
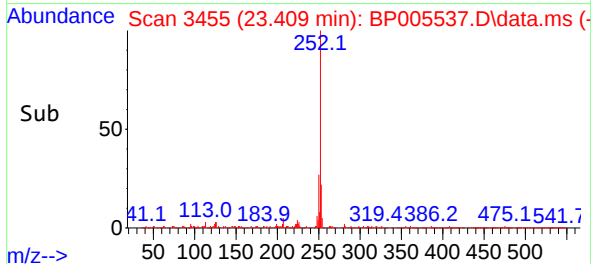
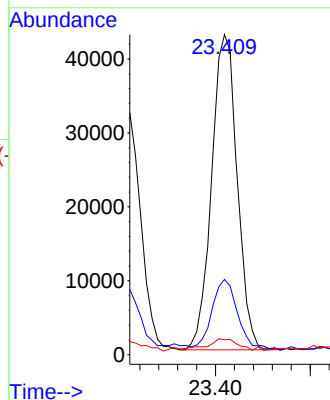
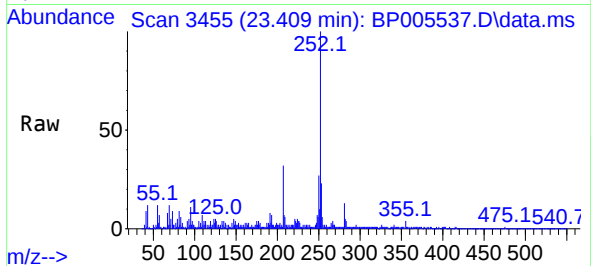
#90
Benzo(a)pyrene
Concen: 8.93 ng
RT: 23.409 min Scan# 3455
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Instrument :
BNA_P
ClientSampled :
CHRT-26598

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	4.7	3.8	5.6

Manual Integrations
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mohammad
5/14/2021 12:52:06 PM



#92
Benzo(g,h,i)perylene
Concen: 7.96 ng
RT: 26.650 min Scan# 4006
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.8	29.8
138	5.5	7.7	11.5

