

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

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)

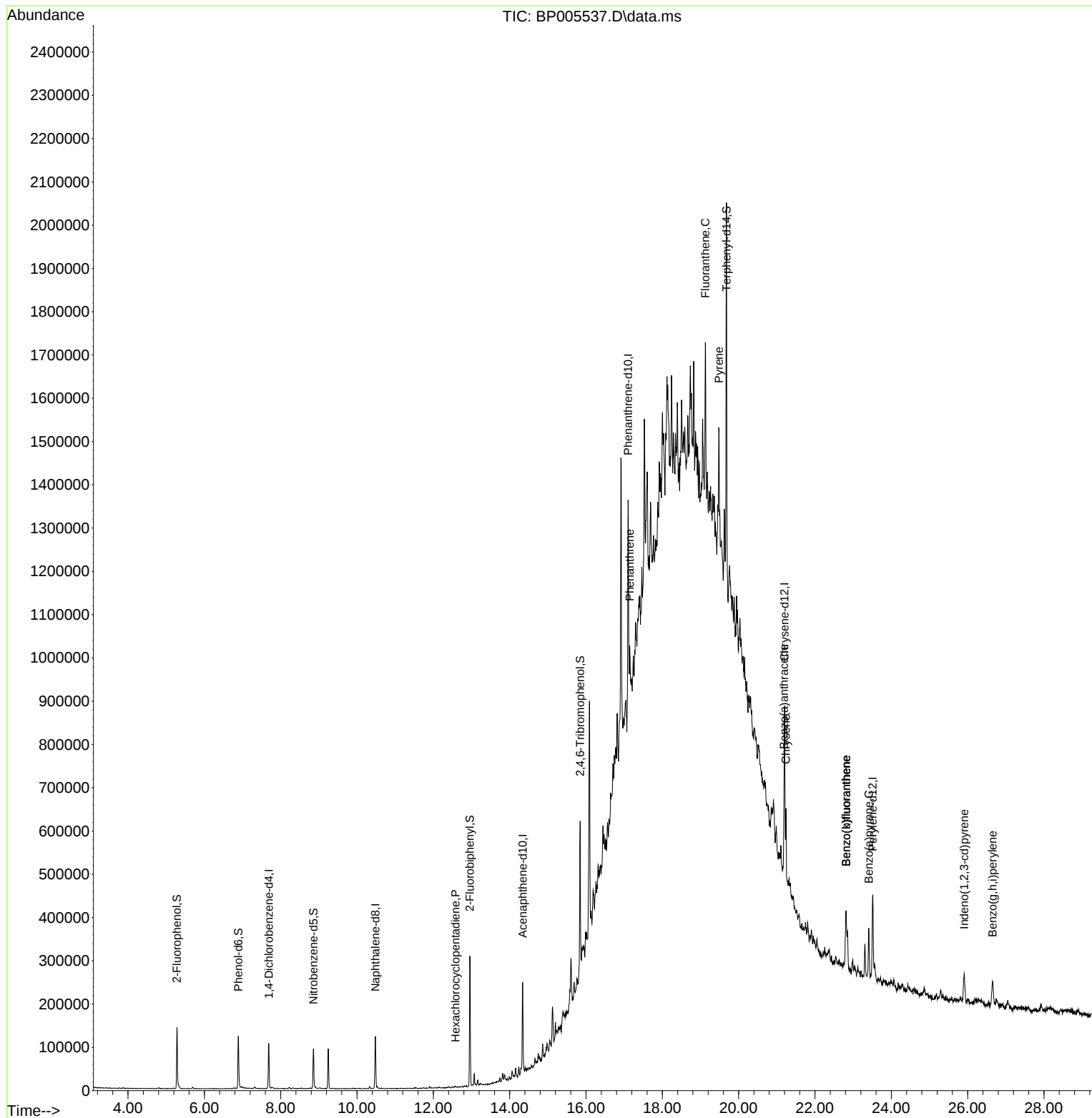
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	21758	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	73196	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	59227	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	181586	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	142977	20.00	ng	0.01
86) Perylene-d12	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
2) 1,4-Dioxane	3.169	88	50	Below Cal	#	1
9) Benzaldehyde	6.834	77	251	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.581	237	11	7.88	ng	88
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	22.815	252	126529	13.24	ng	# 96
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

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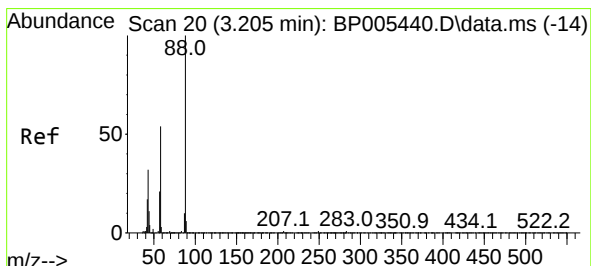
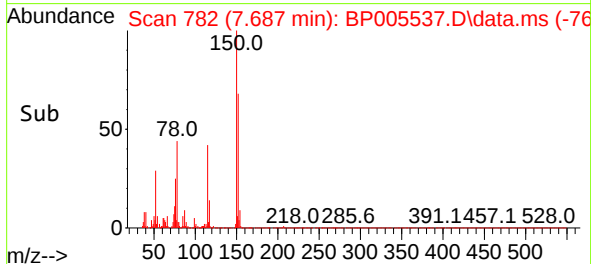
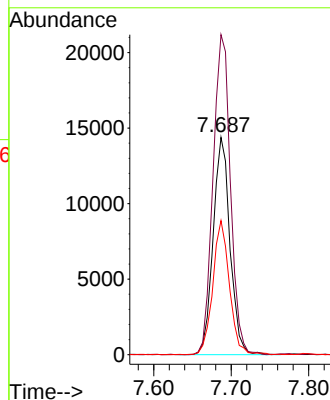
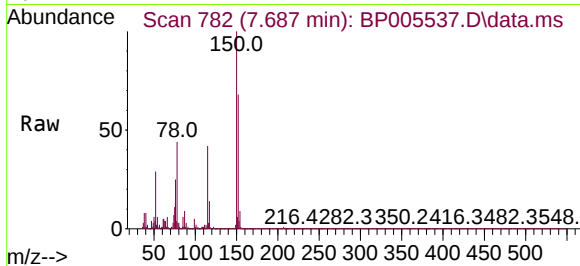




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

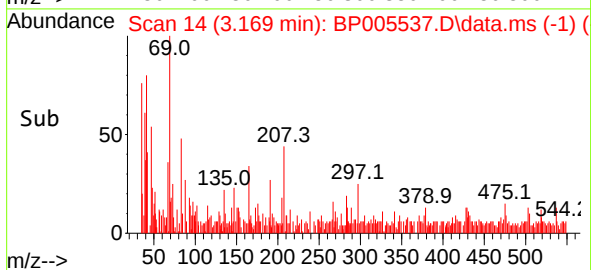
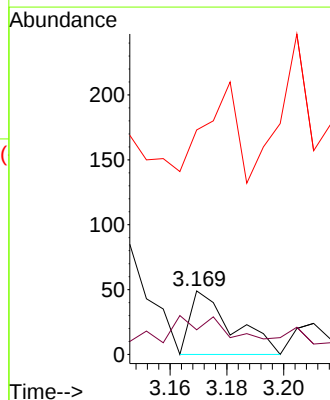
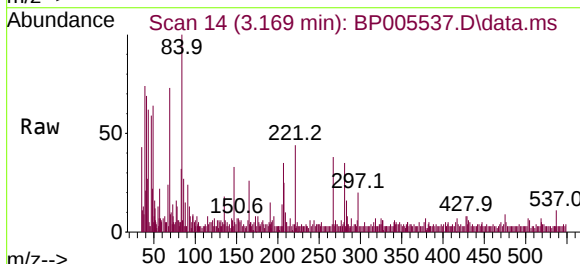
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BNA_P
ClientSampleId :
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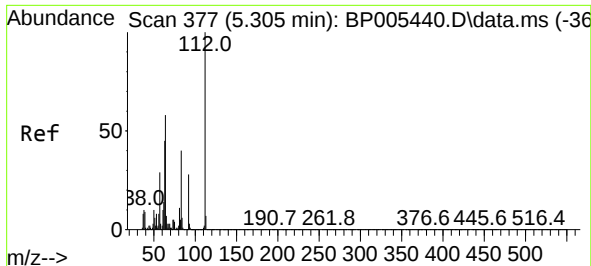
Tgt Ion:152 Resp: 21758
Ion Ratio Lower Upper
152 100
150 147.3 119.8 179.8
115 61.7 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.169 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
58 104.0 42.5 63.7#
43 118.0 19.8 29.8#

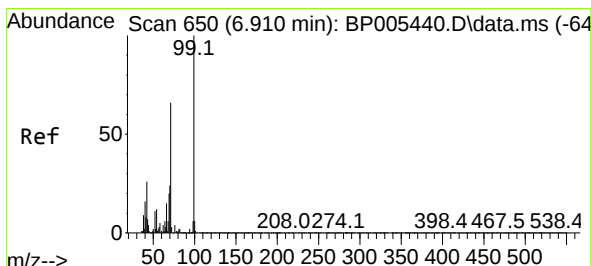
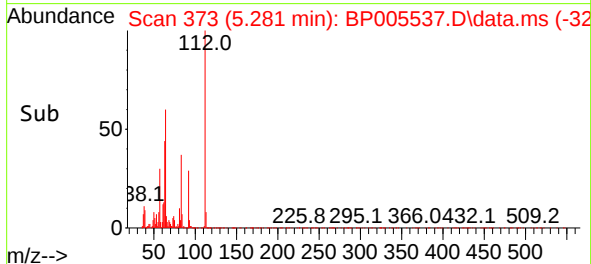
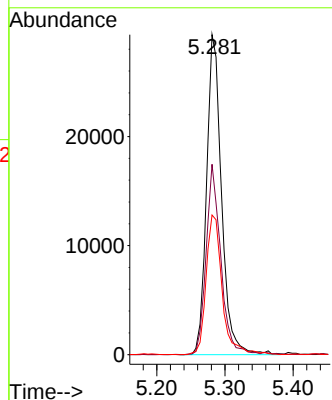
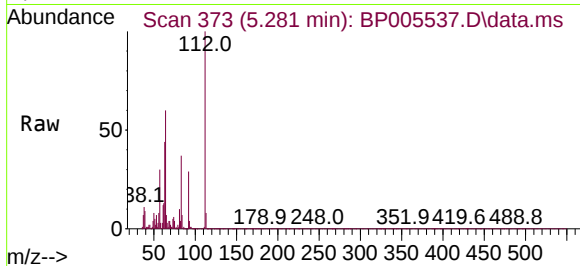




#5
2-Fluorophenol
Concen: 39.63 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

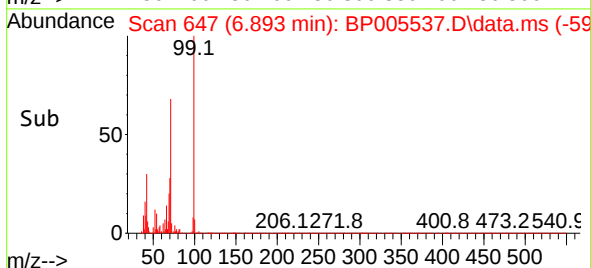
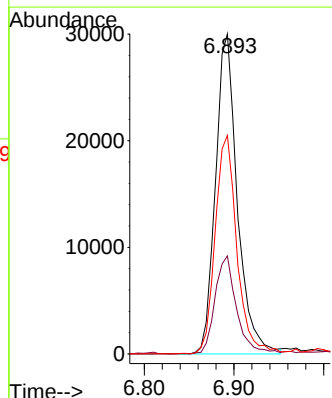
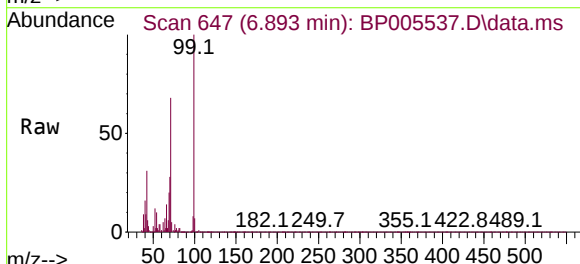
Instrument :
BNA_P
ClientSampleId :
CHRT-26598

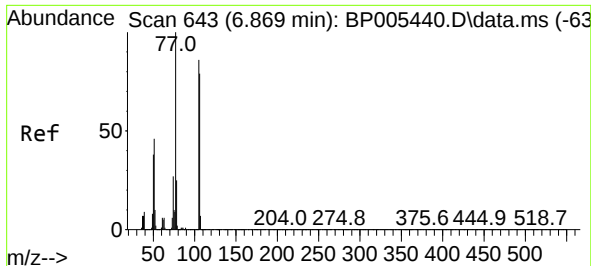
Tgt Ion:112 Resp: 44933
Ion Ratio Lower Upper
112 100
64 59.5 33.6 50.4#
63 43.6 18.6 27.8#



#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

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#

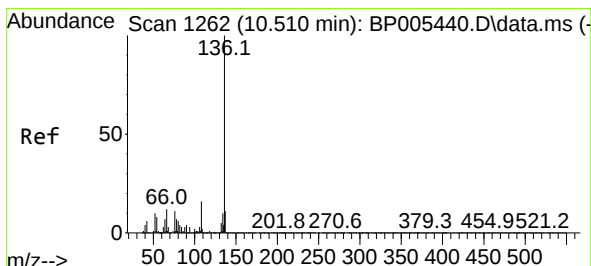
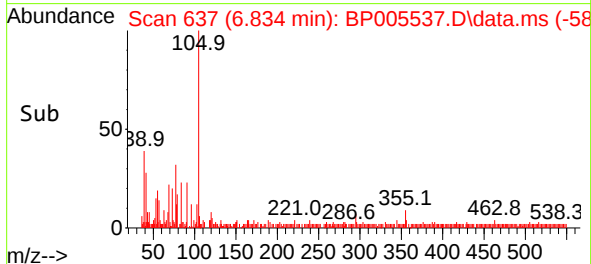
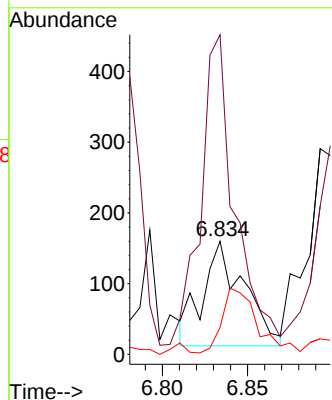
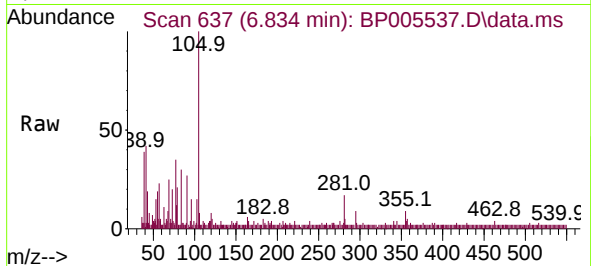




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

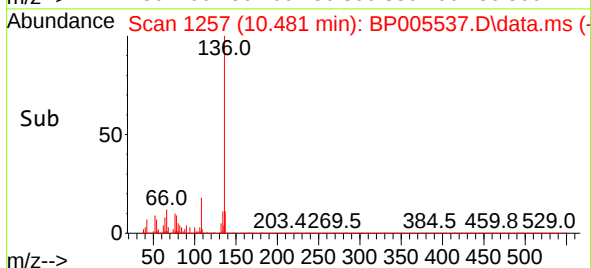
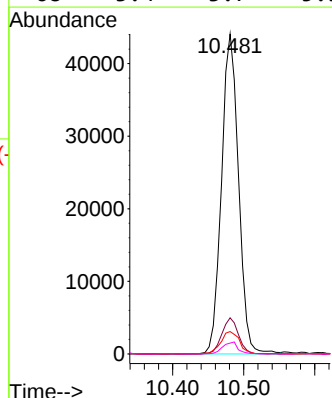
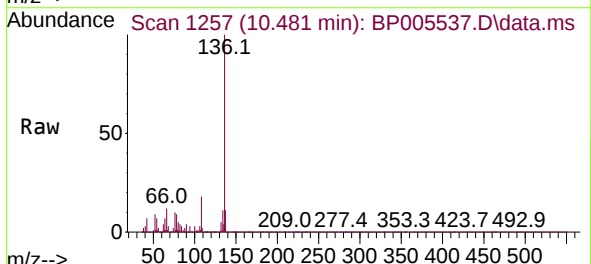
Instrument :
BNA_P
ClientSampled :
CHRT-26598

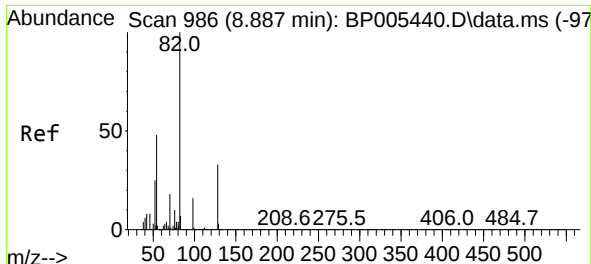
Tgt Ion: 77 Resp: 251
Ion Ratio Lower Upper
77 100
105 282.5 89.4 129.4#
106 23.8 79.9 119.9#



#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#

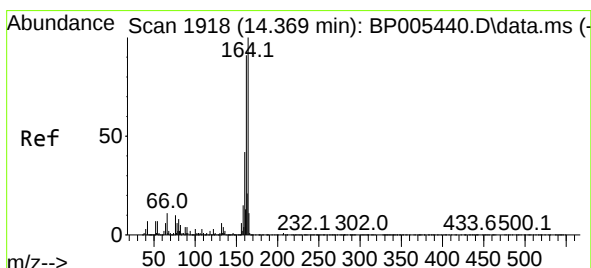
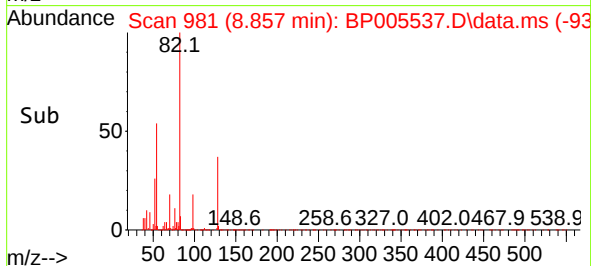
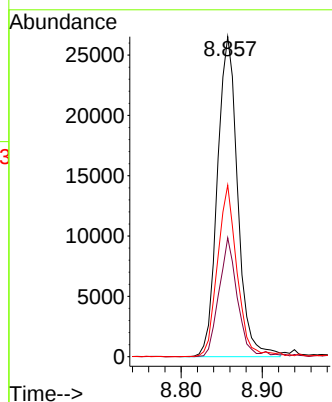
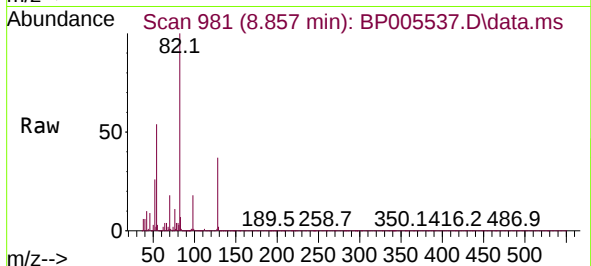




#23
Nitrobenzene-d5
Concen: 24.81 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

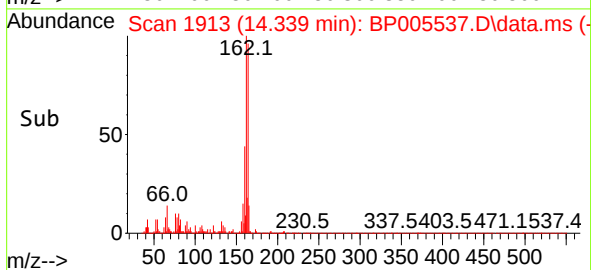
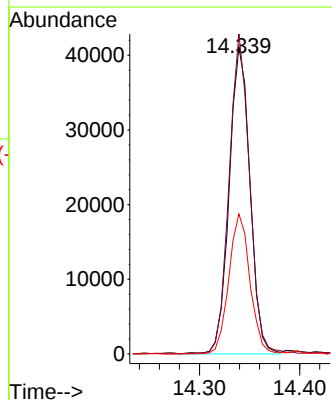
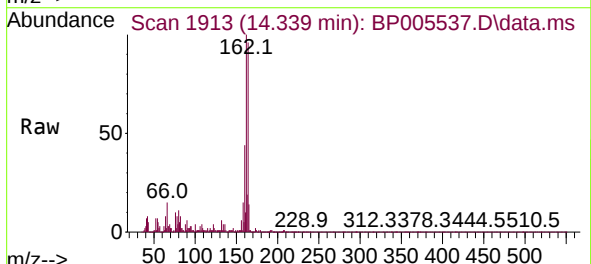
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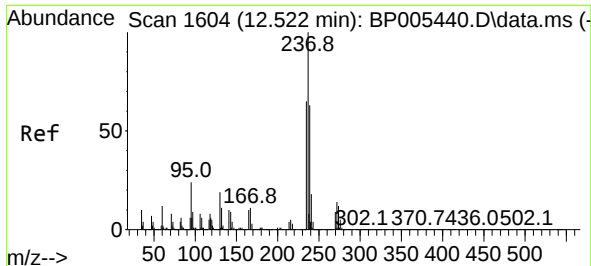
Tgt Ion: 82 Resp: 46139
Ion Ratio Lower Upper
82 100
128 37.1 30.5 45.7
54 53.6 33.9 50.9#



#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

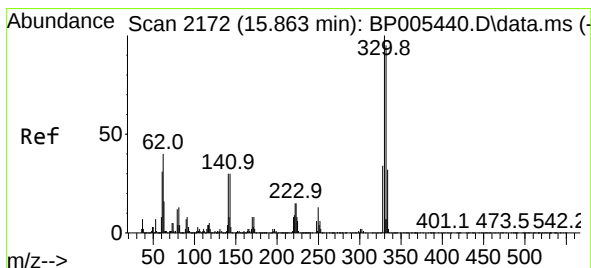
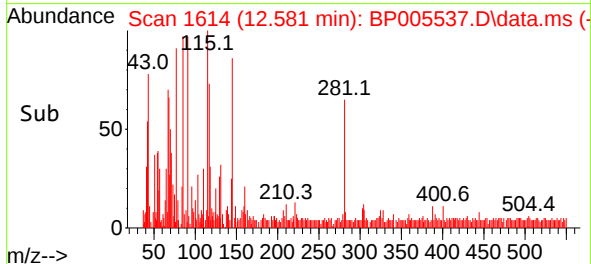
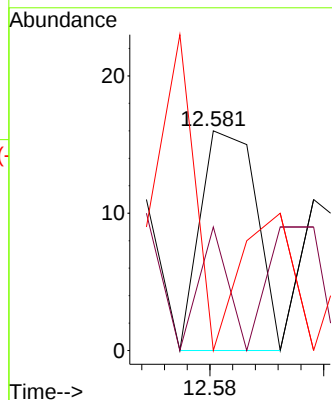
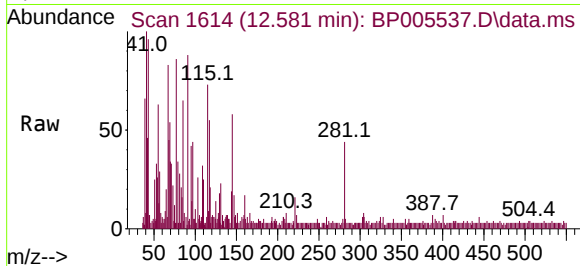




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.581 min Scan# 1614
Delta R.T. 0.082 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

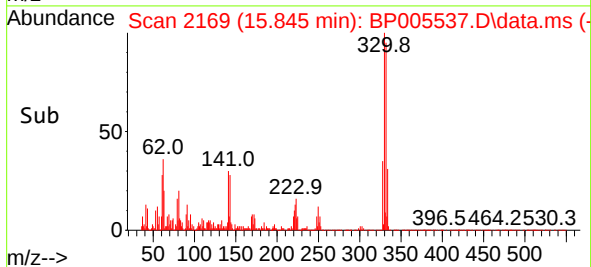
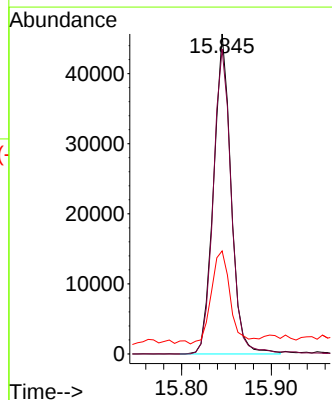
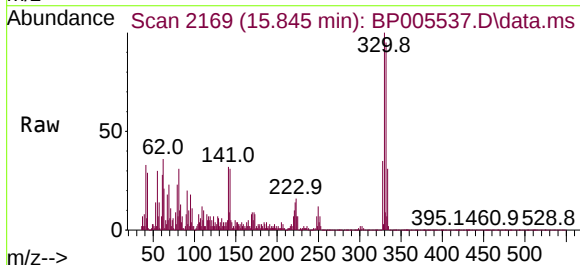
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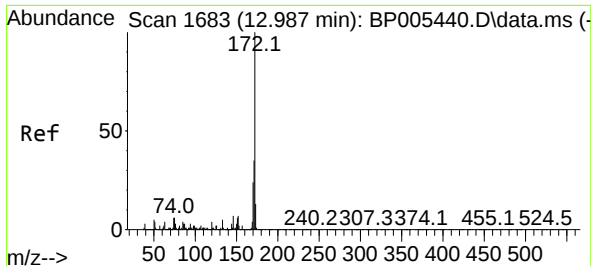
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	56.3	40.9	80.9
272	0.0	0.0	34.6



#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

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

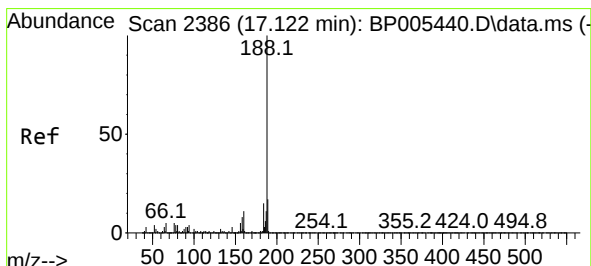
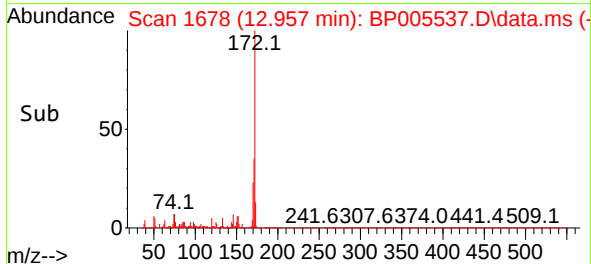
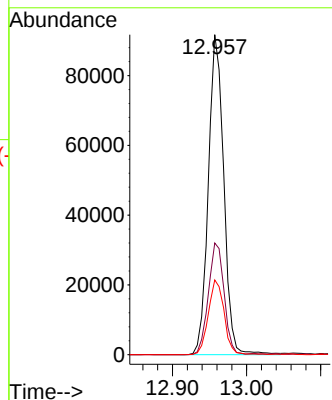
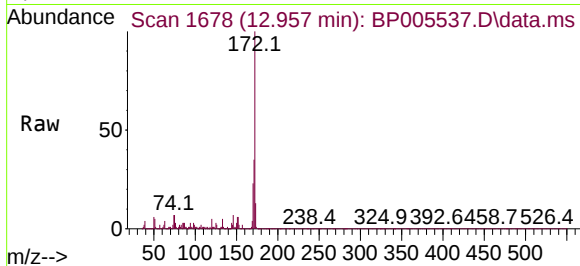




#45
2-Fluorobiphenyl
Concen: 25.25 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

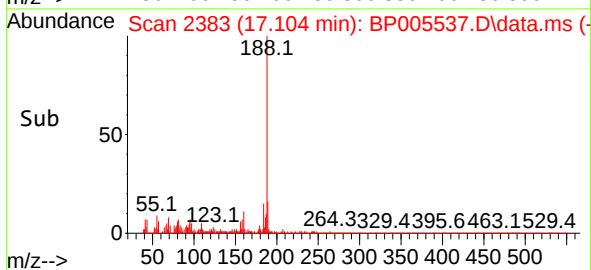
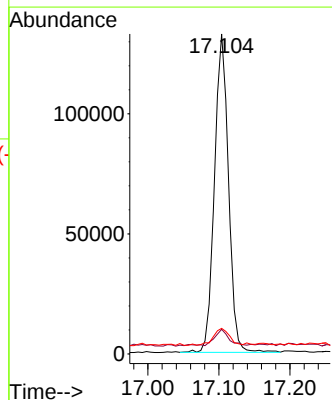
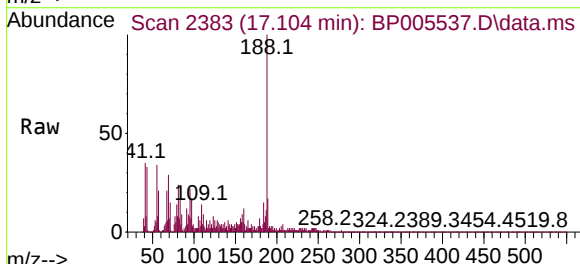
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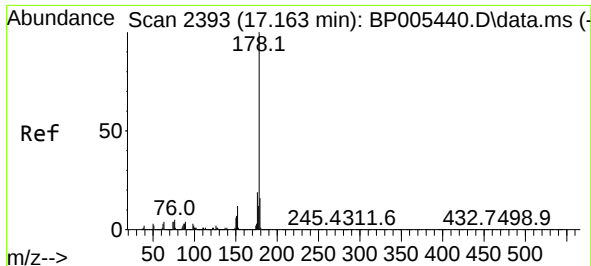
Tgt Ion:	172	Resp:	132584
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.1	42.1
170	23.3	19.6	29.4



#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

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

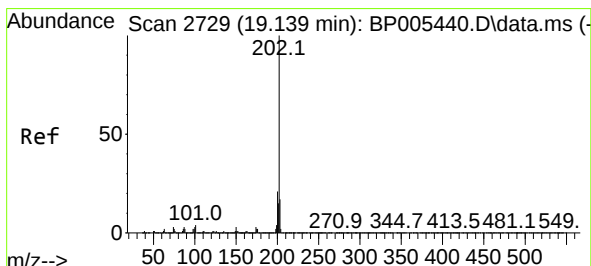
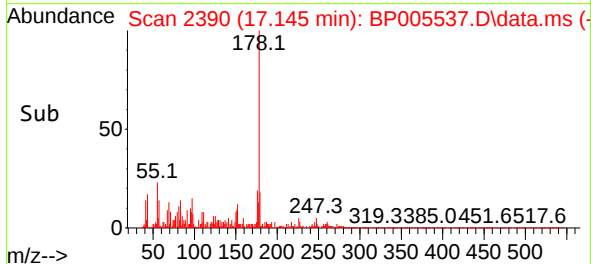
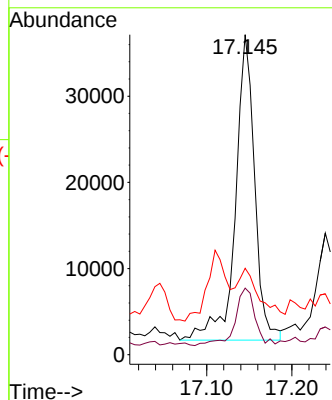
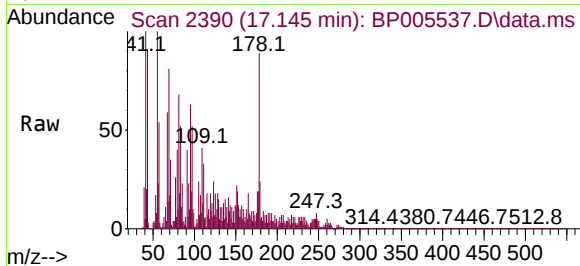




#71
Phenanthrene
Concen: 5.39 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

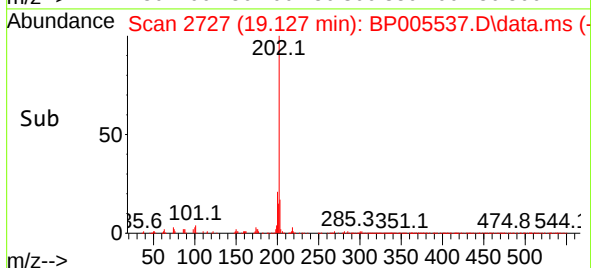
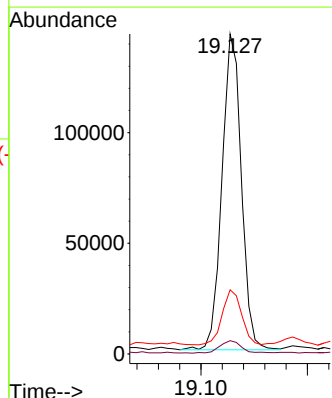
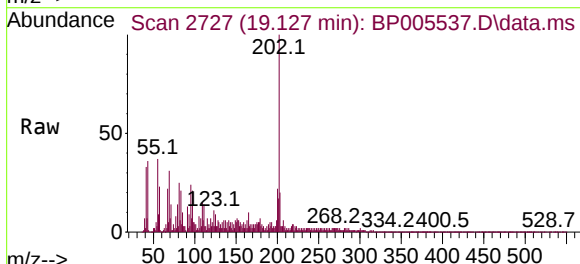
Instrument :
BNA_P
ClientSampleId :
CHRT-26598

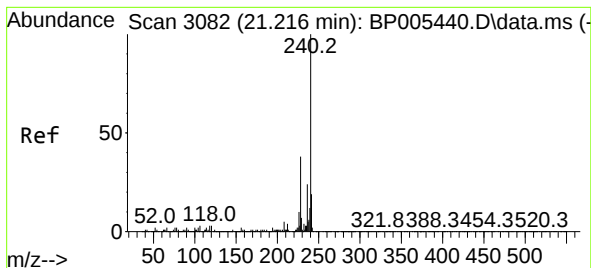
Tgt Ion:178 Resp: 55583
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 27.0 12.3 18.5#



#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

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





#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

Instrument :

BNA_P

ClientSampleId :

CHRT-26598

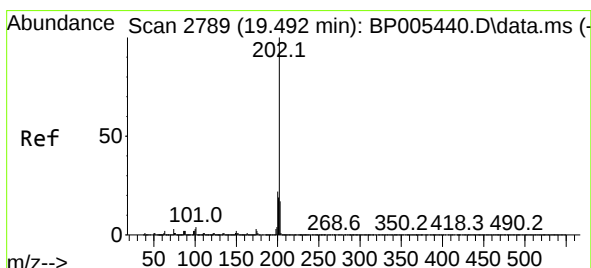
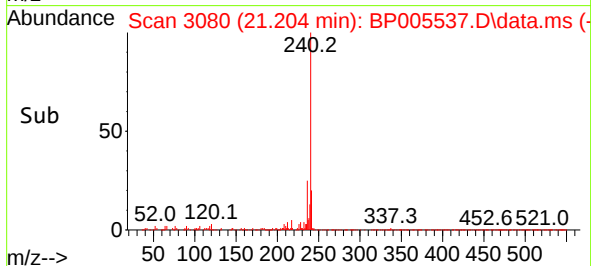
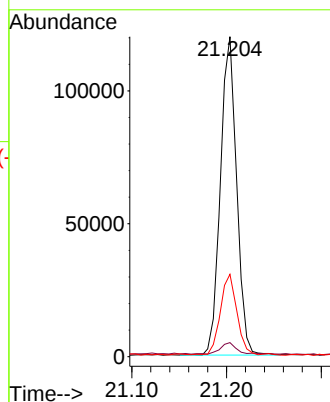
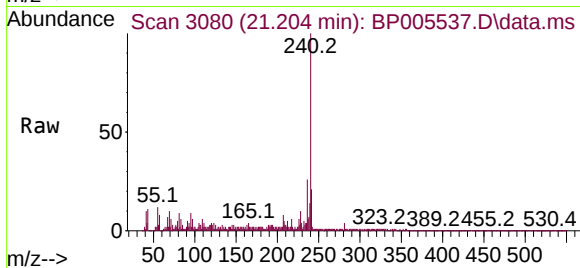
Tgt Ion:240 Resp: 142977

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

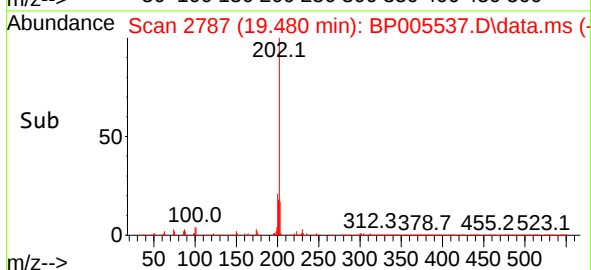
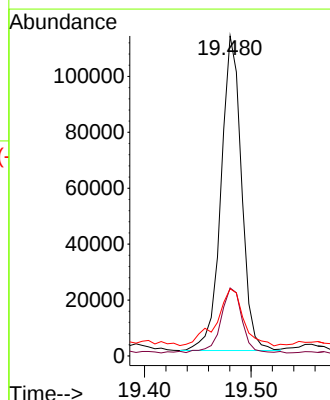
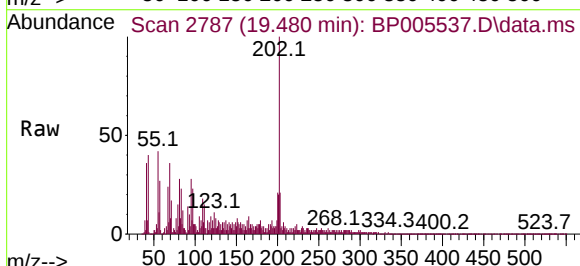
Tgt Ion:202 Resp: 150215

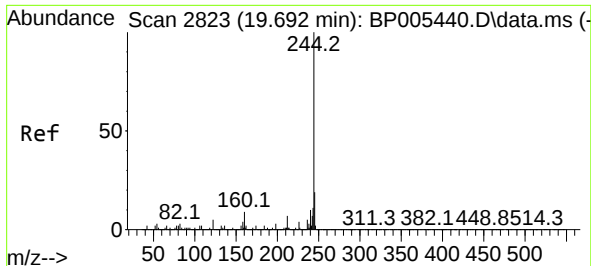
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 21.0 13.8 20.6#

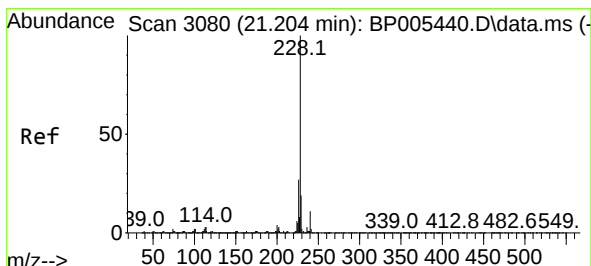
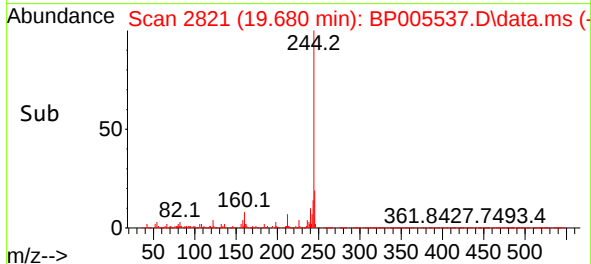
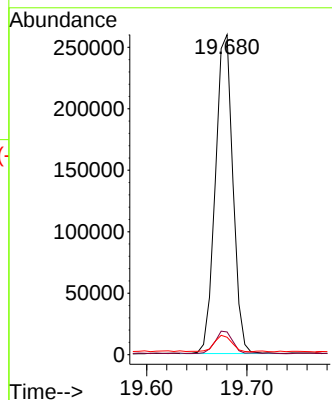
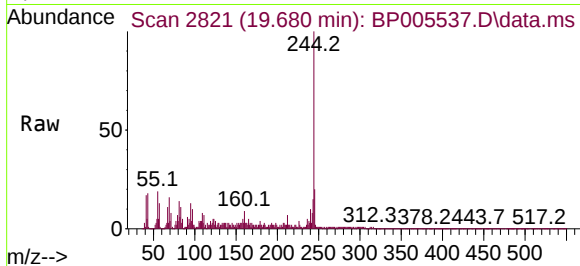




#79
 Terphenyl-d14
 Concen: 37.38 ng
 RT: 19.680 min Scan# 2821
 Delta R.T. 0.011 min
 Lab File: BP005537.D
 Acq: 14 May 2021 01:05

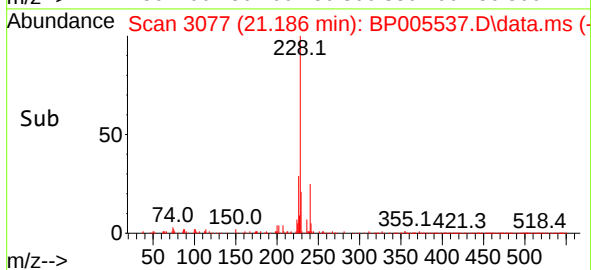
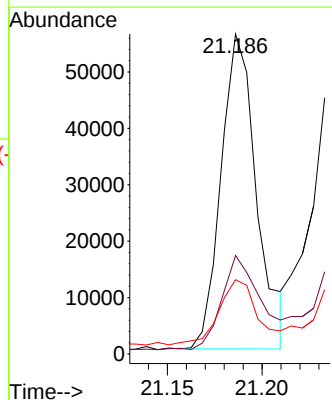
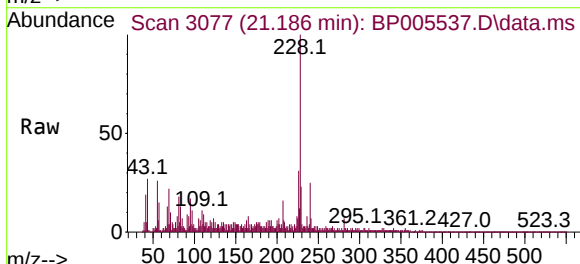
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26598

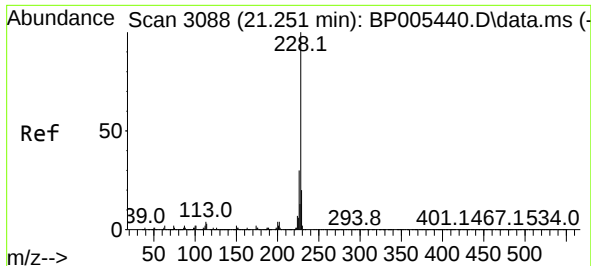
Tgt Ion:244 Resp: 314719
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.4 5.2 7.8



#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

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

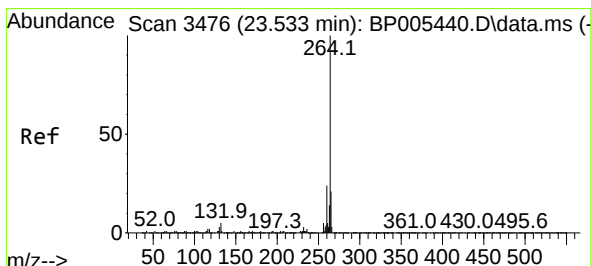
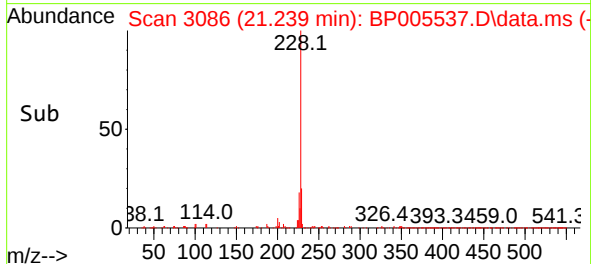
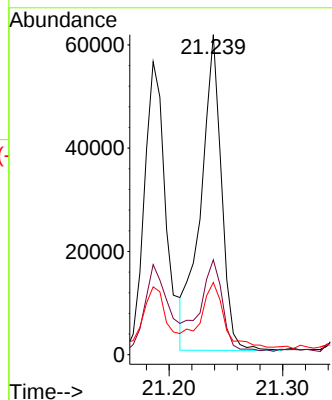
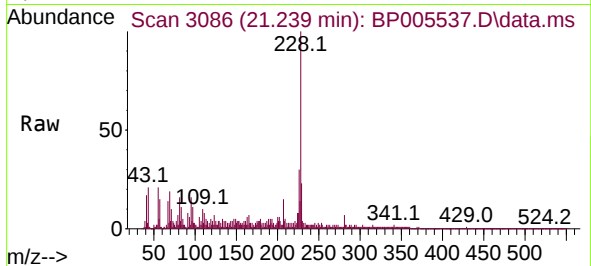




#83
Chrysene
Concen: 8.63 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.011 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

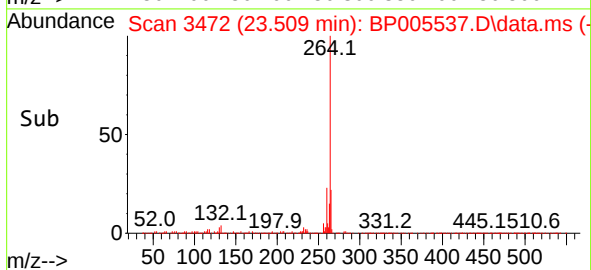
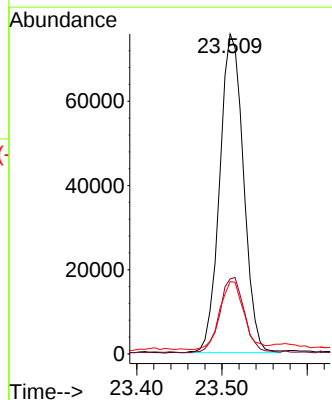
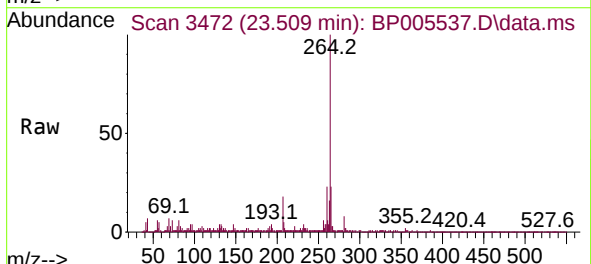
Instrument :
BNA_P
ClientSampleId :
CHRT-26598

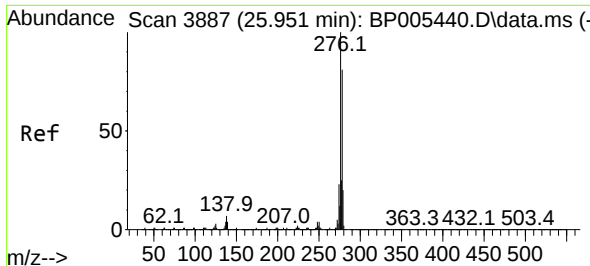
Tgt Ion:	228	Resp:	77466
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.8	37.2
229	22.6	15.4	23.0



#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

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

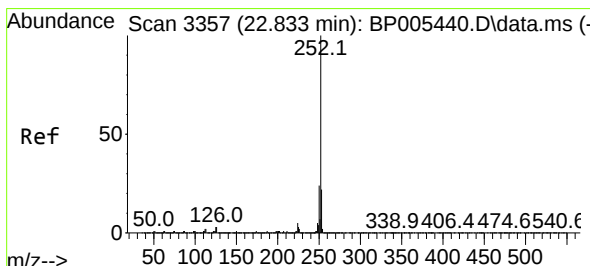
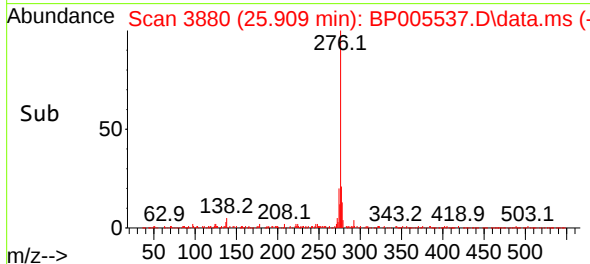
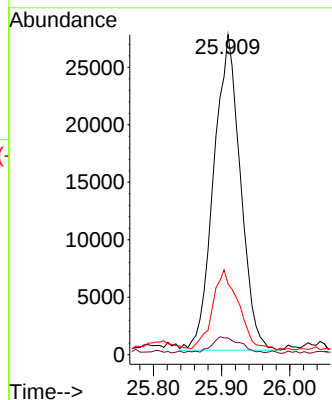
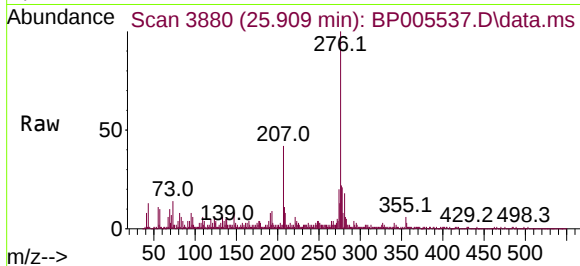




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.06 ng
RT: 25.909 min Scan# 3880
Delta R.T. 0.006 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

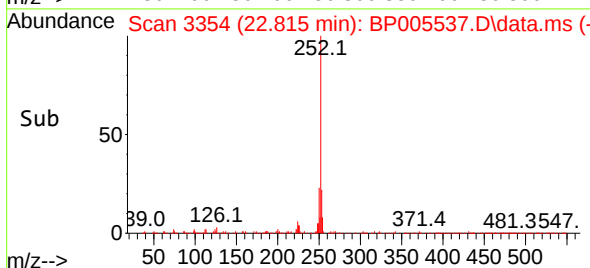
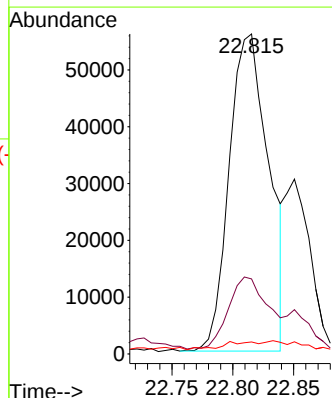
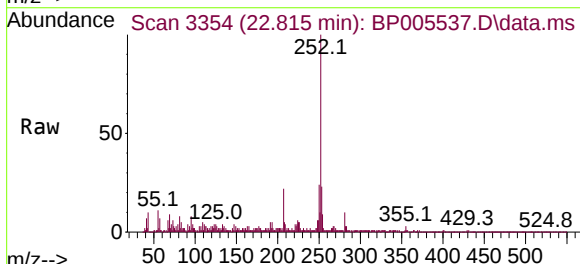
Instrument :
BNA_P
ClientSampleId :
CHRT-26598

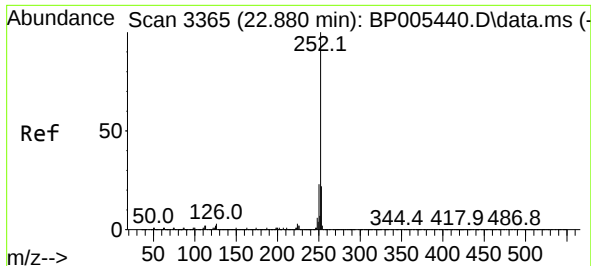
Tgt Ion:276 Resp: 74740
Ion Ratio Lower Upper
276 100
138 5.3 8.4 12.6#
277 25.2 20.6 31.0



#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

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

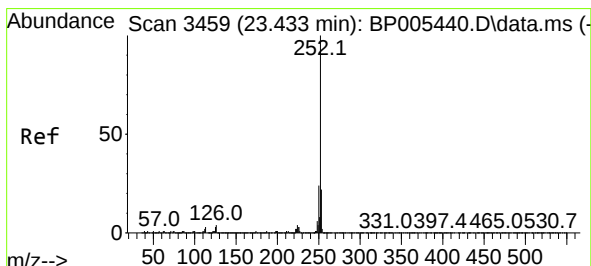
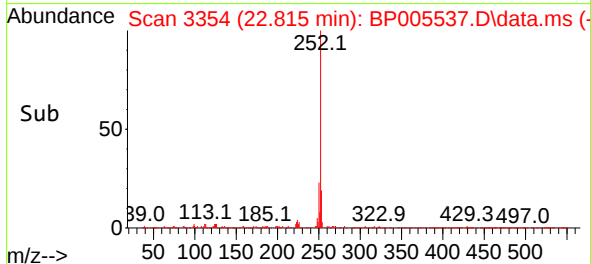
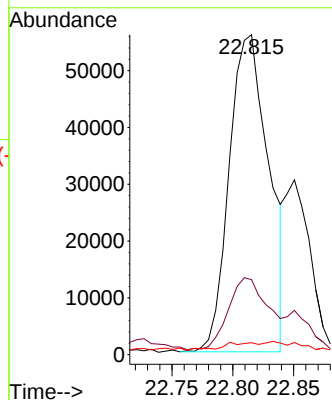
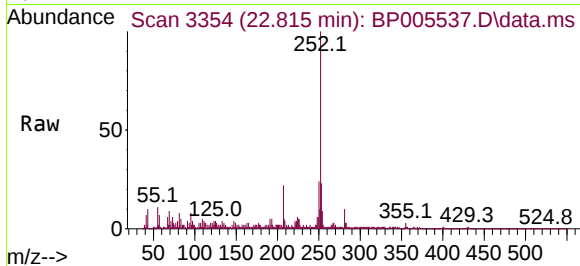




#89
Benzo(k)fluoranthene
Concen: 13.24 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.030 min
Lab File: BP005537.D
Acq: 14 May 2021 01:05

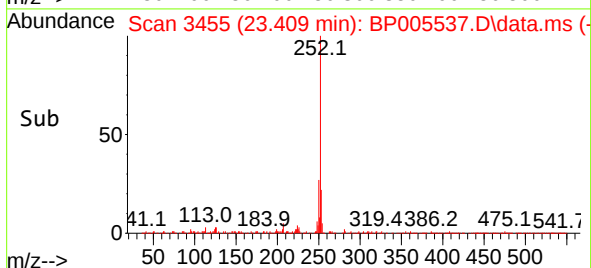
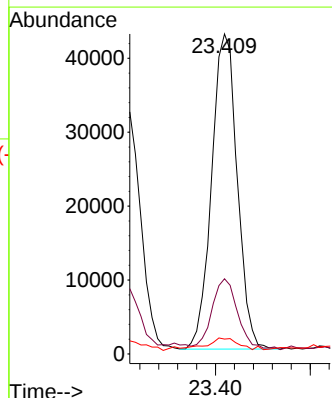
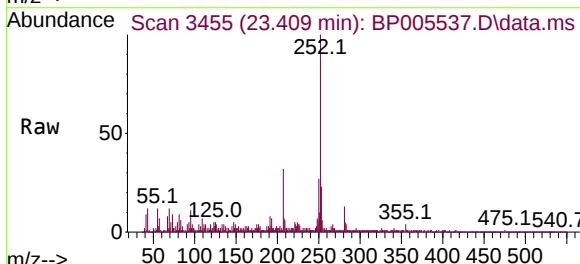
Instrument :
BNA_P
ClientSampleId :
CHRT-26598

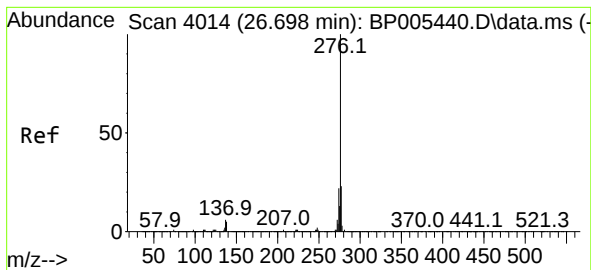
Tgt Ion:252 Resp: 126529
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 3.7 3.8 5.6#



#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

Tgt Ion:252 Resp: 80034
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 4.7 3.8 5.6





#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

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26598

Tgt Ion:276 Resp: 80216
 Ion Ratio Lower Upper
 276 100
 277 25.2 19.8 29.8
 138 5.5 7.7 11.5#

