

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007068.D
 Acq On : 21 Sep 2021 01:22
 Operator : CG/JU
 Sample : M3786-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25949

Quant Time: Sep 21 02:10:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

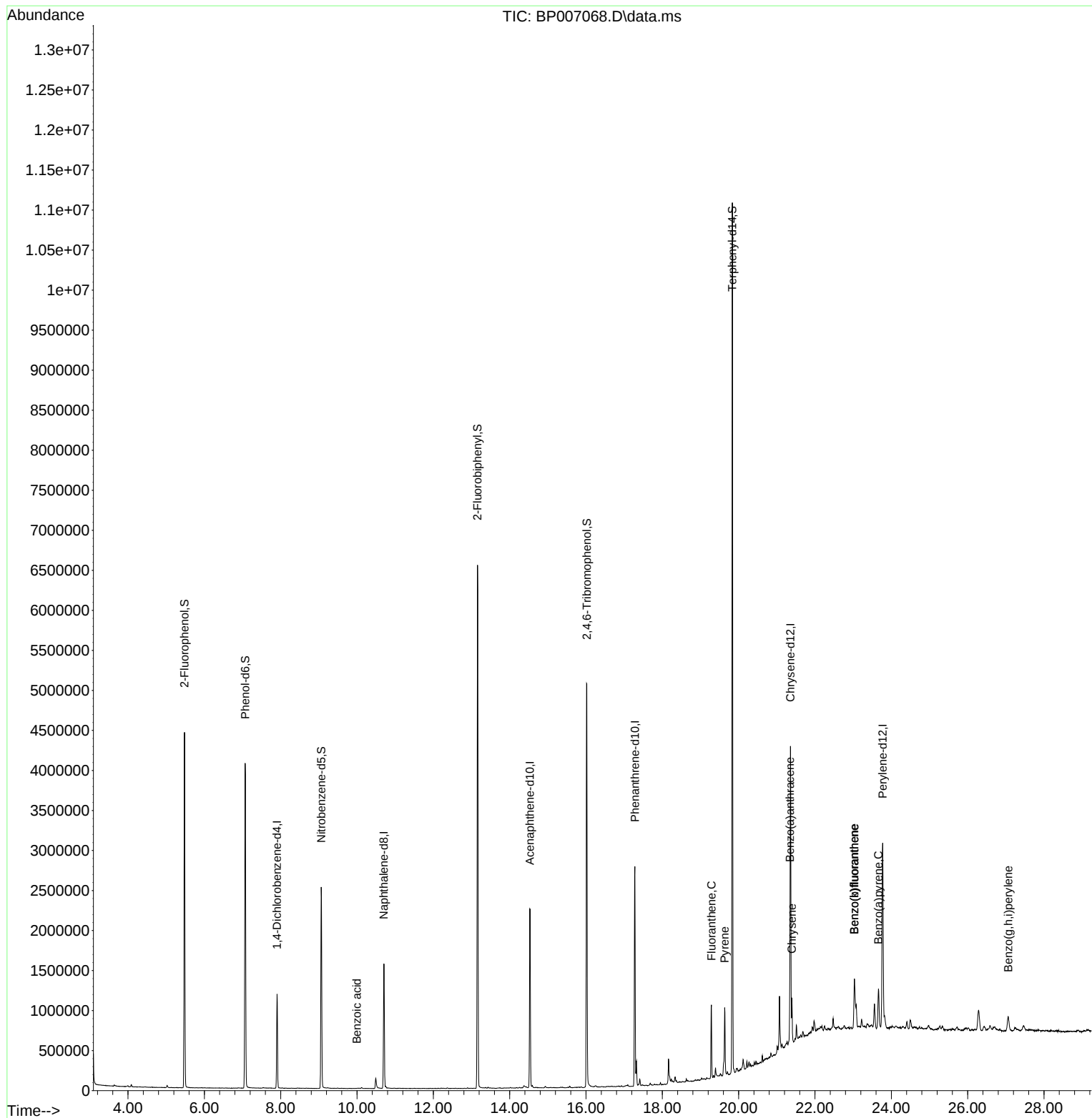
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	334611	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1310187	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	825621	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1707444	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1695150	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1762481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2068911	100.964	ng	0.00
7) Phenol-d6	7.069	99	2565670	91.733	ng	0.00
23) Nitrobenzene-d5	9.063	82	1472345	63.116	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1054007	106.154	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	3532844	59.072	ng	-0.01
79) Terphenyl-d14	19.833	244	5000526	56.597	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.075	77	4646	Below Cal	#	11
32) Benzoic acid	9.993	122	183	6.108	ng	# 25
75) Fluoranthene	19.286	202	540384	4.736	ng	96
78) Pyrene	19.633	202	512619	4.364	ng	99
81) Benzo(a)anthracene	21.345	228	361853	3.141	ng	99
83) Chrysene	21.392	228	304711	2.696	ng	97
88) Benzo(b)fluoranthene	23.033	252	474091	3.960	ng	# 95
89) Benzo(k)fluoranthene	23.033	252	474091	4.069	ng	# 95
90) Benzo(a)pyrene	23.662	252	352063	3.279	ng	# 95
92) Benzo(g,h,i)perylene	27.062	276	231273	2.072	ng	# 93

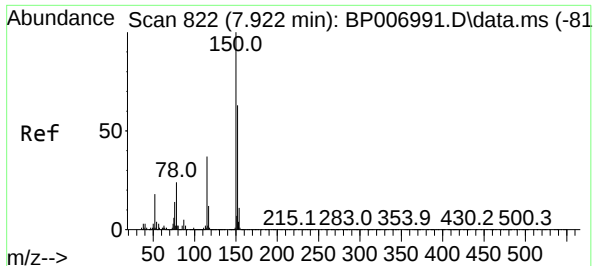
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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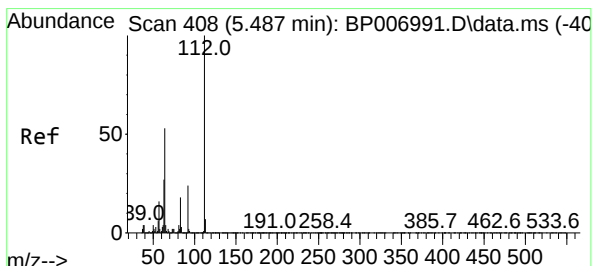
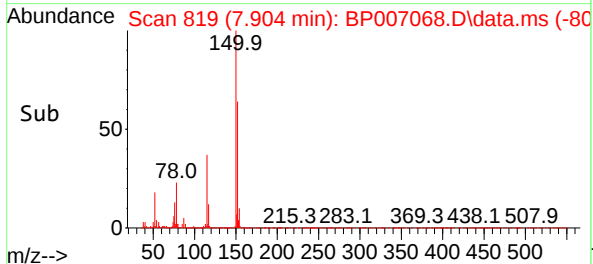
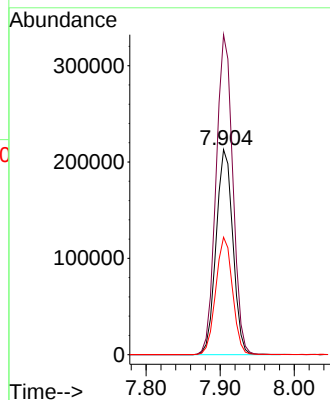
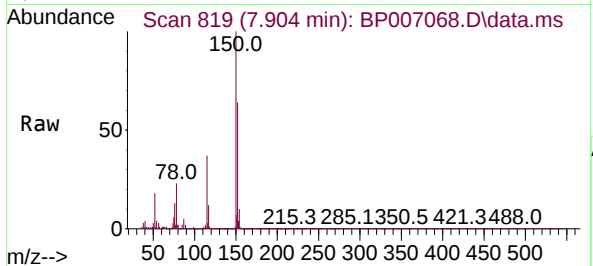




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

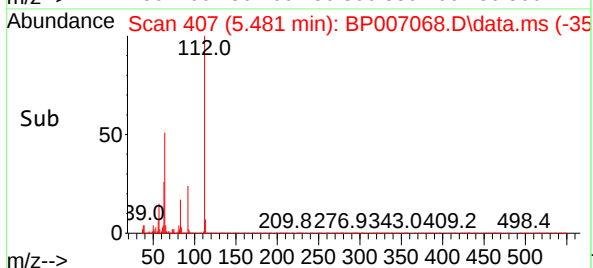
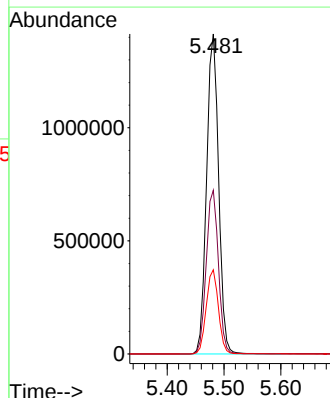
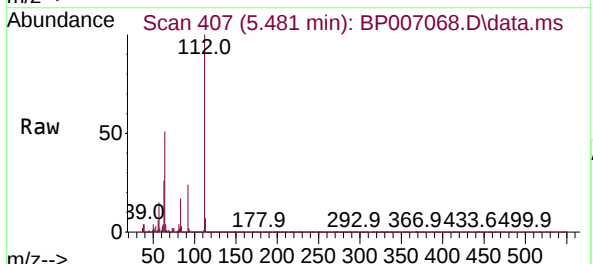
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BNA_P
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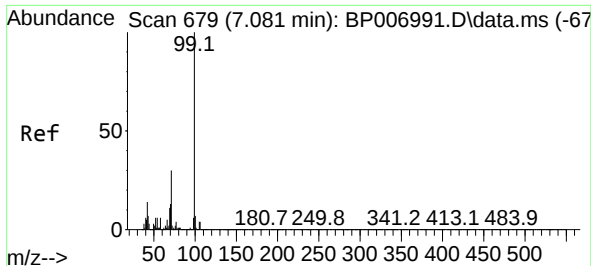
Tgt Ion:152 Resp: 334611
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 57.2 48.5 72.7



#5
2-Fluorophenol
Concen: 100.964 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:112 Resp: 2068911
Ion Ratio Lower Upper
112 100
64 51.1 41.4 62.2
63 26.3 23.8 35.8

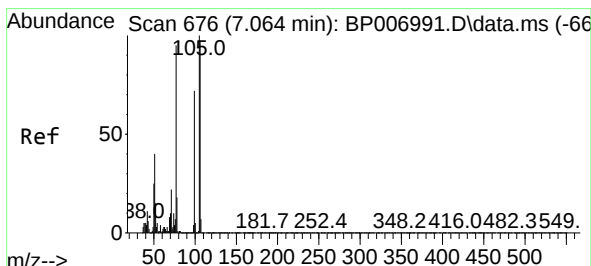
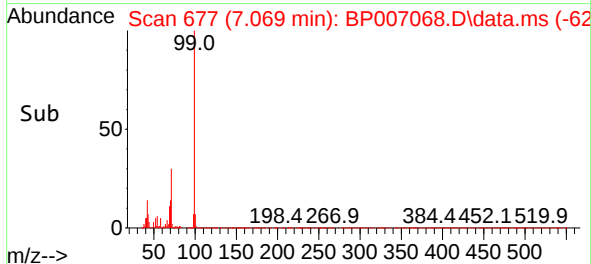
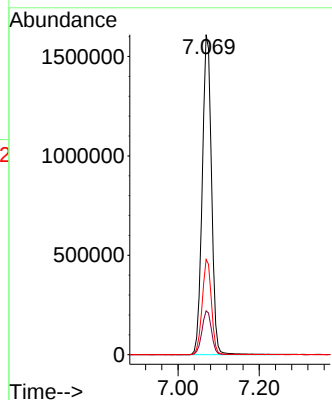
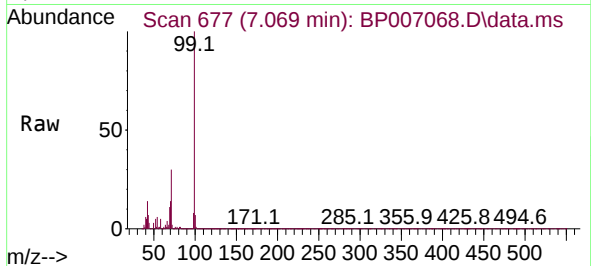




#7
Phenol-d6
Concen: 91.733 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

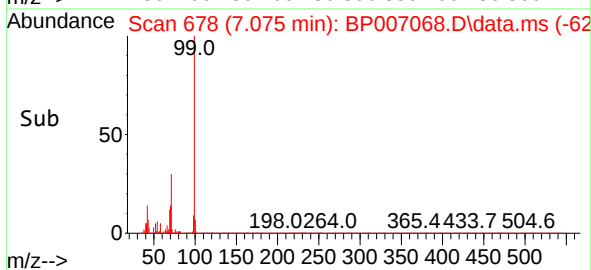
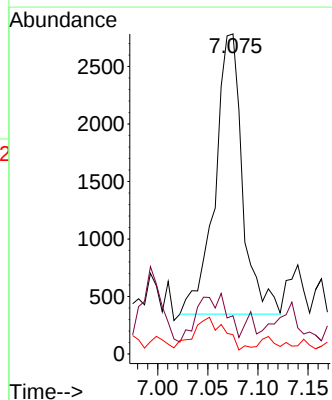
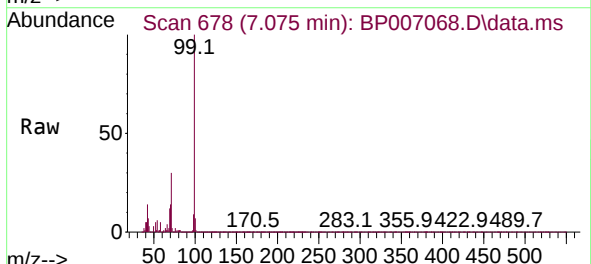
Instrument :
BNA_P
ClientSampleId :
CHRT-25949

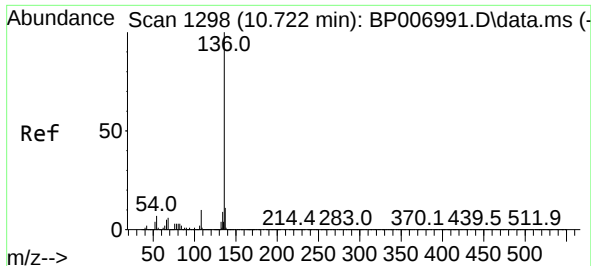
Tgt Ion: 99 Resp: 2565670
Ion Ratio Lower Upper
99 100
42 13.7 13.4 20.0
71 29.8 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.029 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion: 77 Resp: 4646
Ion Ratio Lower Upper
77 100
105 12.0 76.7 116.7#
106 6.0 76.2 116.2#

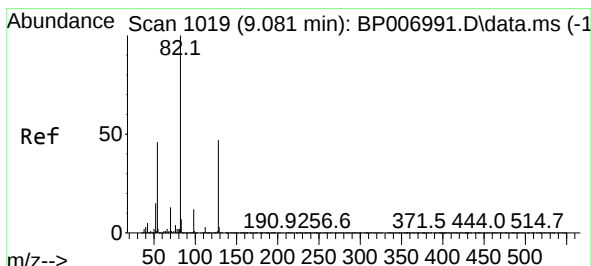
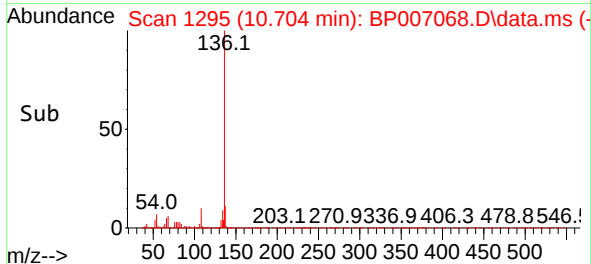
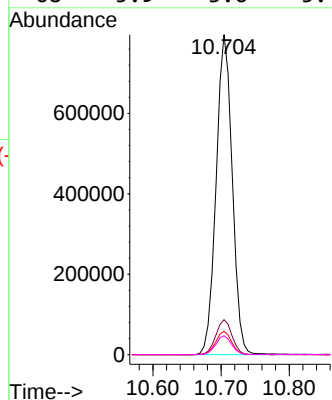
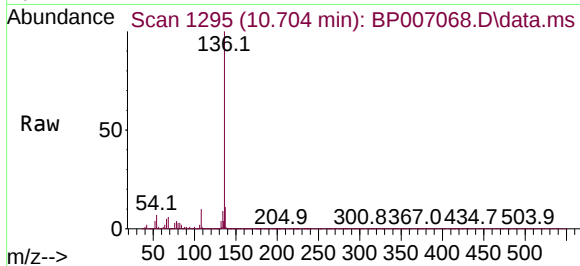




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

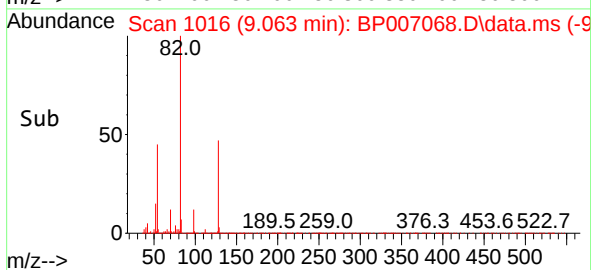
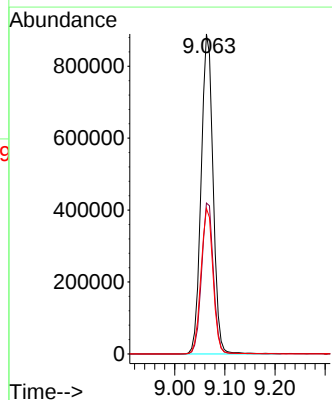
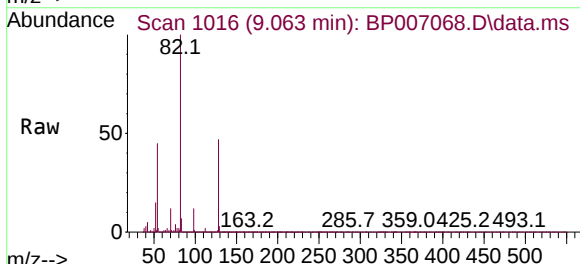
Instrument :
BNA_P
ClientSampleId :
CHRT-25949

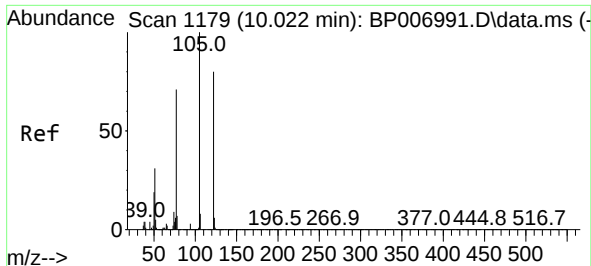
Tgt Ion:	136	Resp:	1310187
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	7.3	4.6	6.8#
68	5.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 63.116 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:	82	Resp:	1472345
Ion Ratio	Lower	Upper	
82	100		
128	47.1	35.7	53.5
54	45.4	35.0	52.4

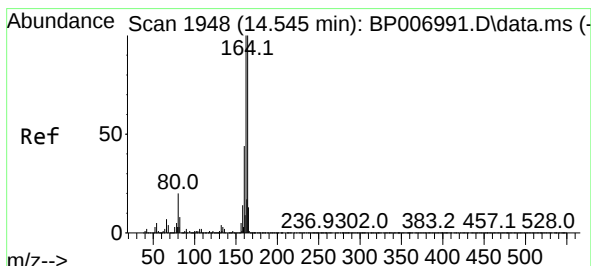
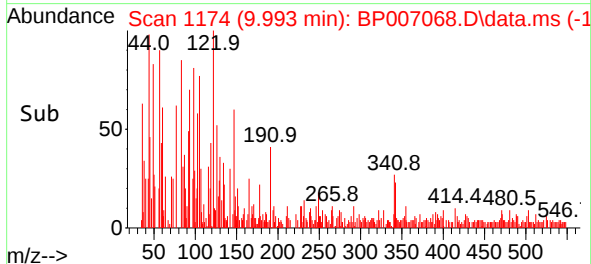
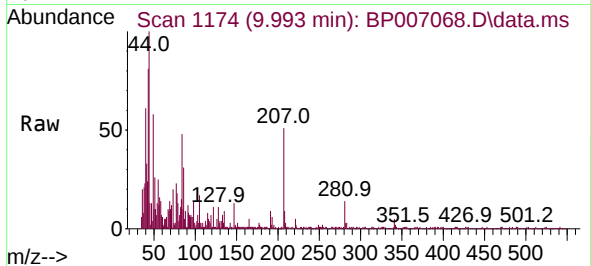




#32
Benzoic acid
Concen: 6.108 ng
RT: 9.993 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

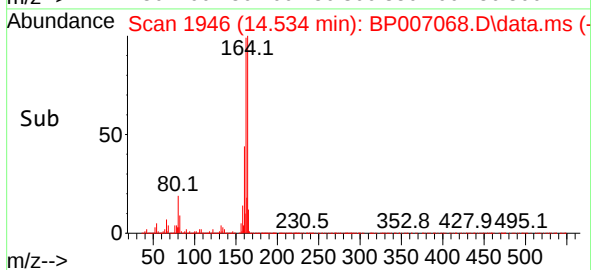
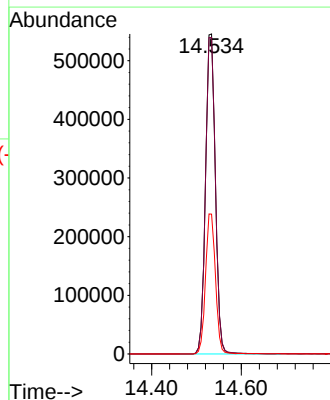
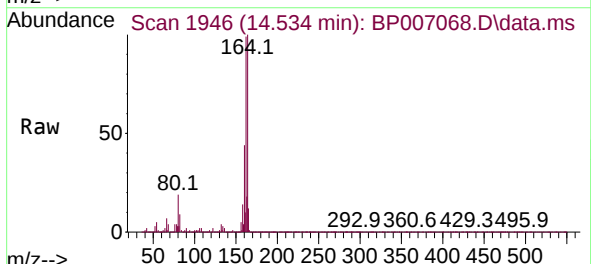
Instrument :
BNA_P
ClientSampled :
CHRT-25949

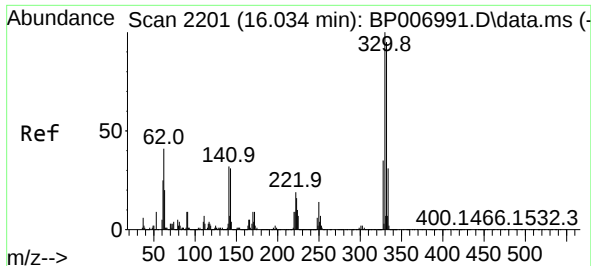
Tgt Ion:122 Resp: 183
Ion Ratio Lower Upper
122 100
105 159.5 103.2 143.2#
77 222.4 76.2 116.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:164 Resp: 825621
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 43.7 34.5 51.7

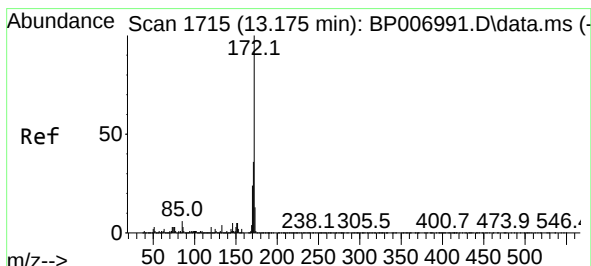
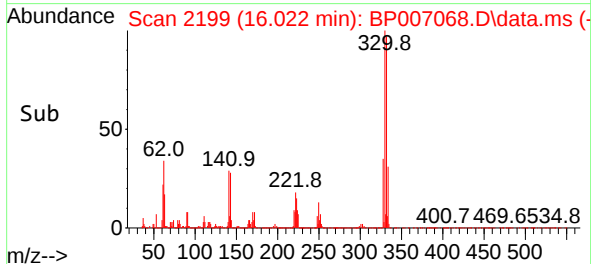
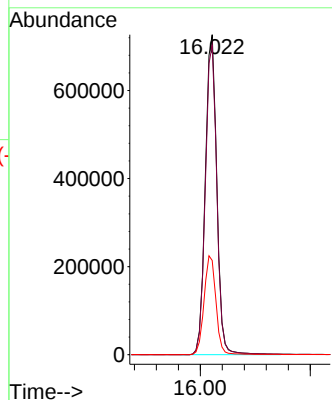
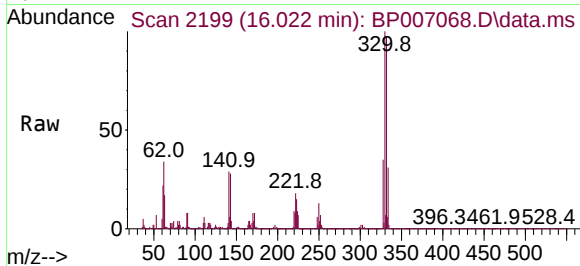




#42
2,4,6-Tribromophenol
Concen: 106.154 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

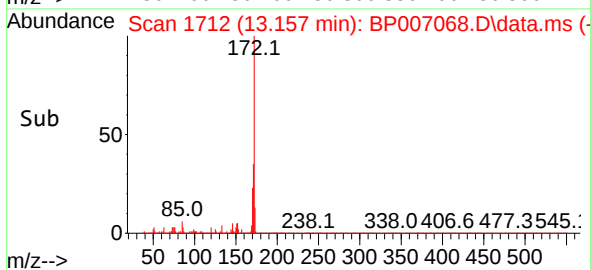
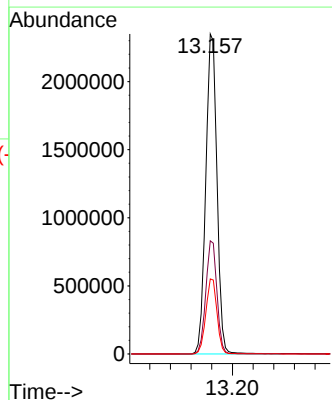
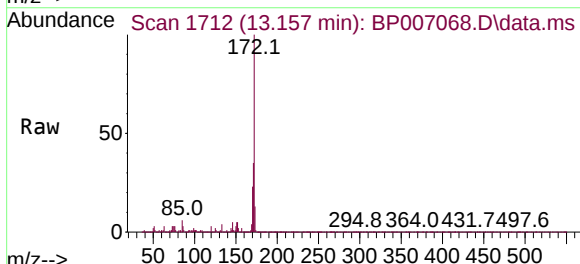
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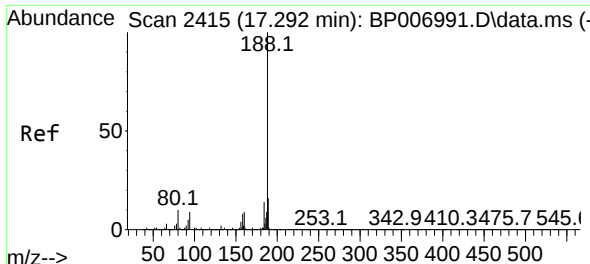
Tgt Ion:330 Resp: 1054007
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.072 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:172 Resp: 3532844
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 18.6 27.8

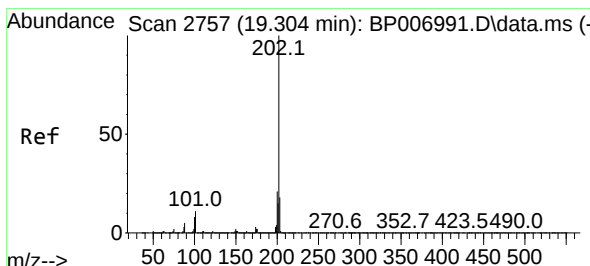
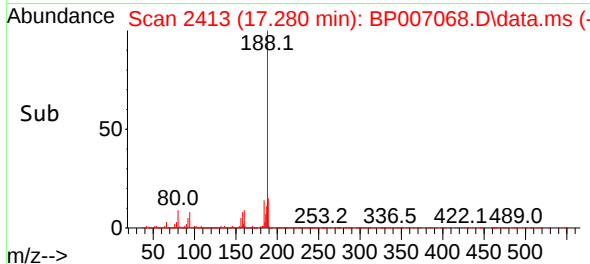
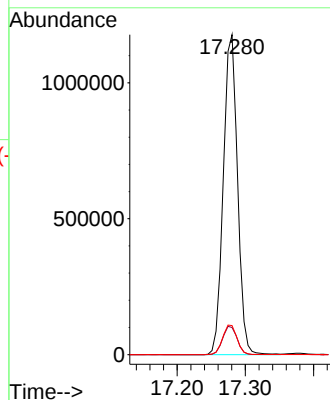
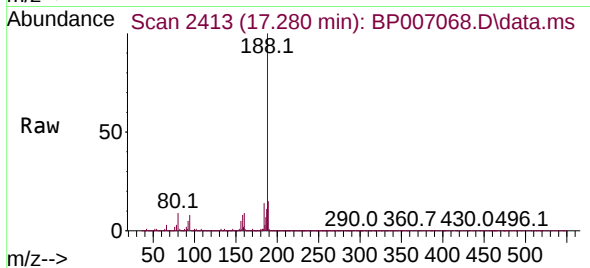




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

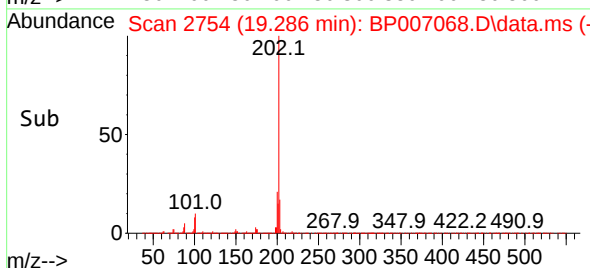
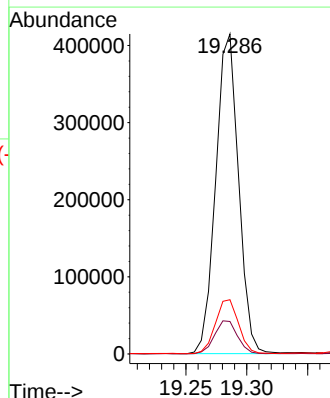
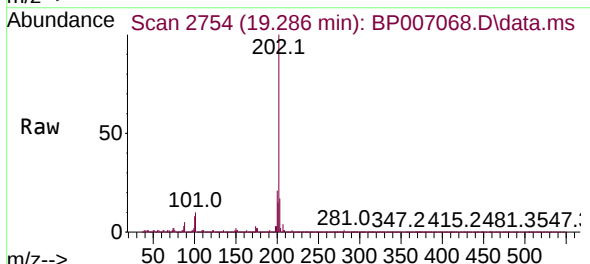
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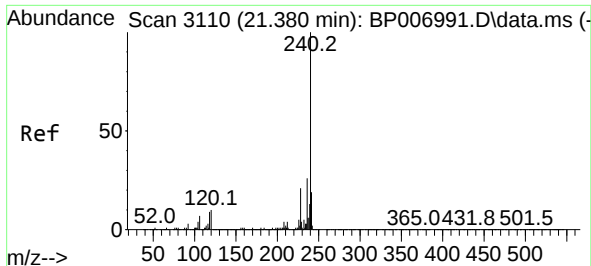
Tgt Ion:188 Resp: 1707444
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.1 6.3 9.5



#75
Fluoranthene
Concen: 4.736 ng
RT: 19.286 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:202 Resp: 540384
Ion Ratio Lower Upper
202 100
101 10.2 0.0 27.6
203 17.0 0.0 37.8

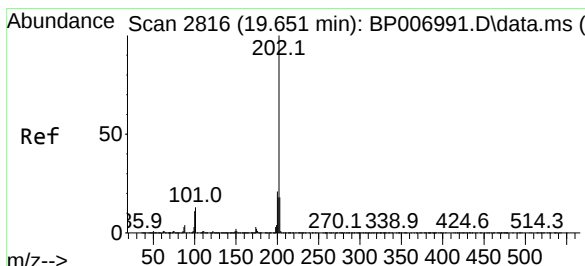
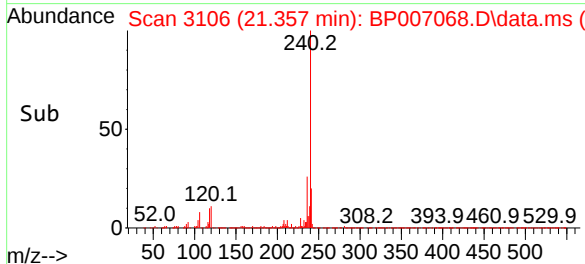
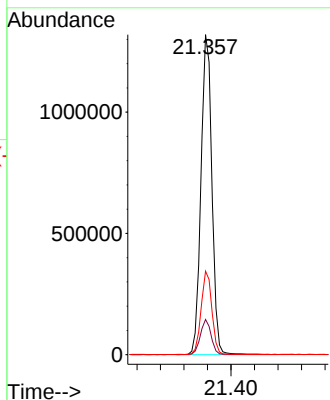
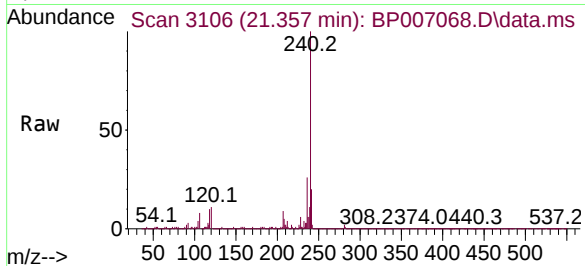




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

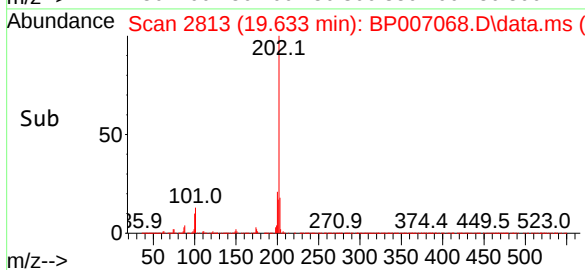
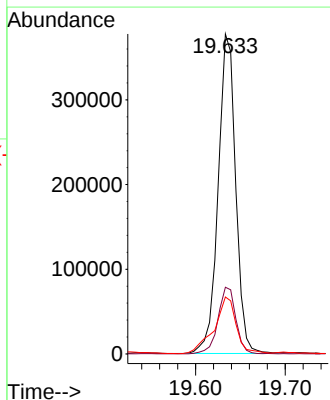
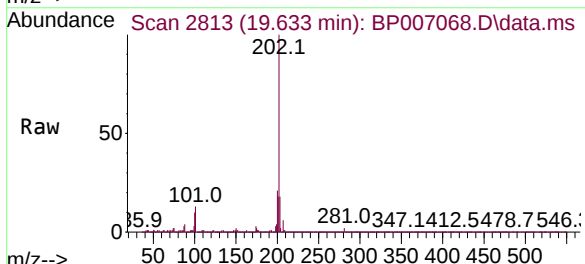
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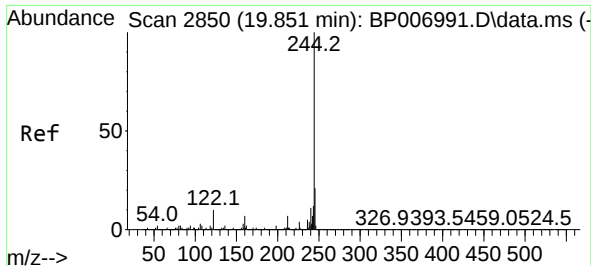
Tgt Ion:240 Resp: 1695150
Ion Ratio Lower Upper
240 100
120 11.0 6.5 9.7#
236 26.1 20.6 31.0



#78
Pyrene
Concen: 4.364 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:202 Resp: 512619
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.8 14.2 21.2

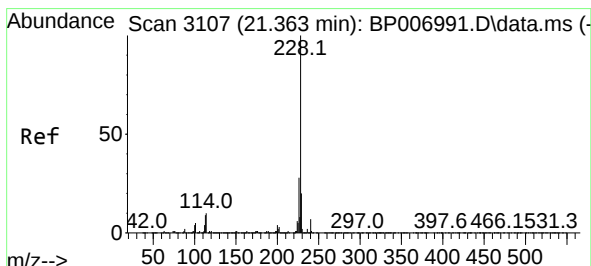
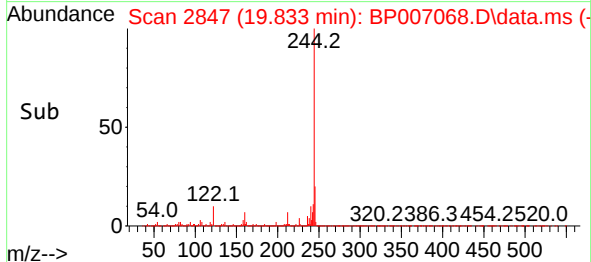
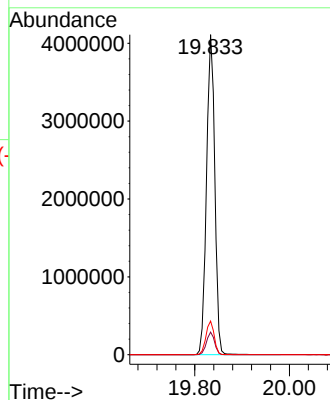
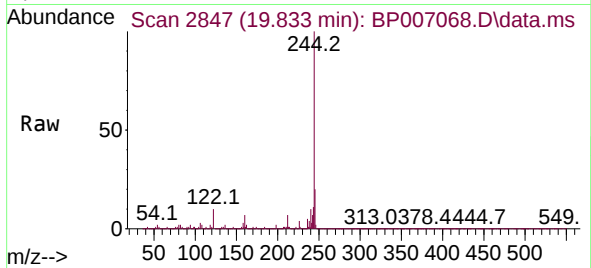




#79
 Terphenyl-d14
 Concen: 56.597 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. -0.006 min
 Lab File: BP007068.D
 Acq: 21 Sep 2021 01:22

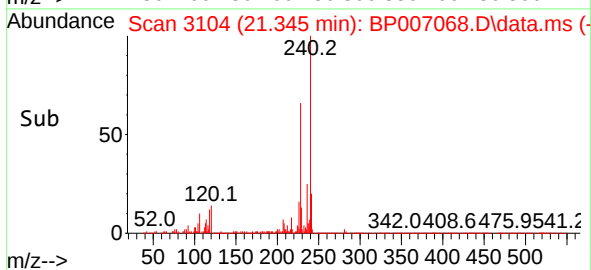
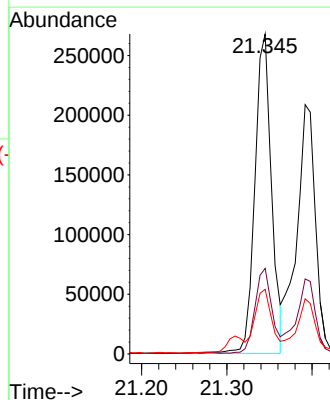
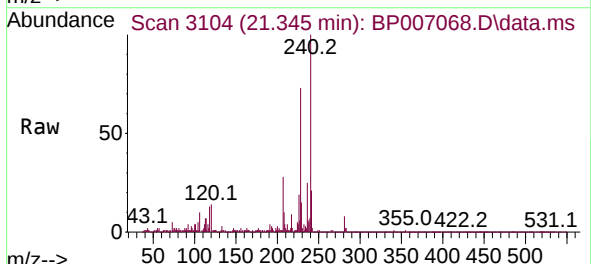
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25949

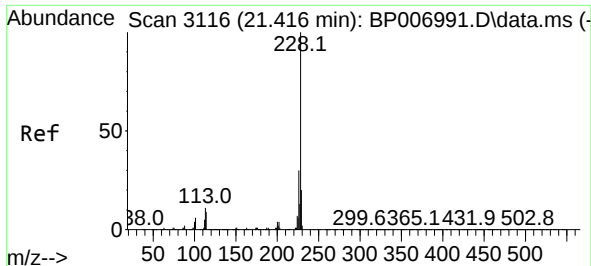
Tgt Ion:244 Resp: 5000526
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 3.141 ng
 RT: 21.345 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BP007068.D
 Acq: 21 Sep 2021 01:22

Tgt Ion:228 Resp: 361853
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.6 32.4
 229 20.2 15.8 23.6

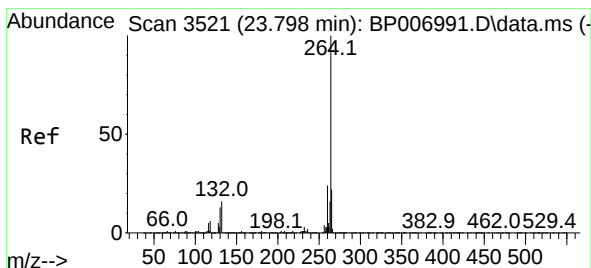
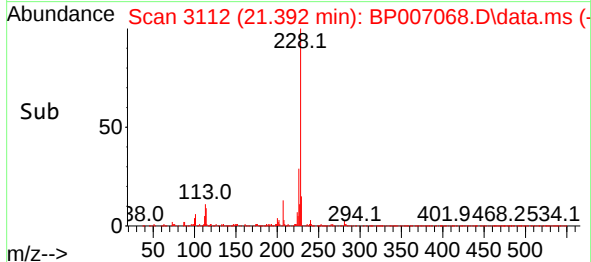
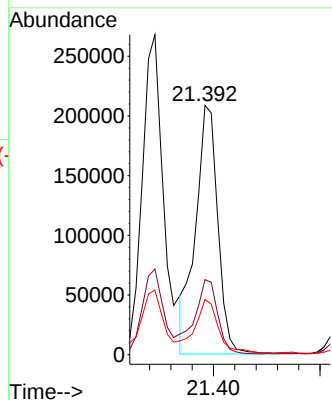
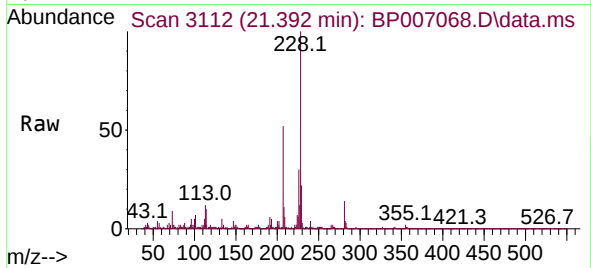




#83
Chrysene
Concen: 2.696 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

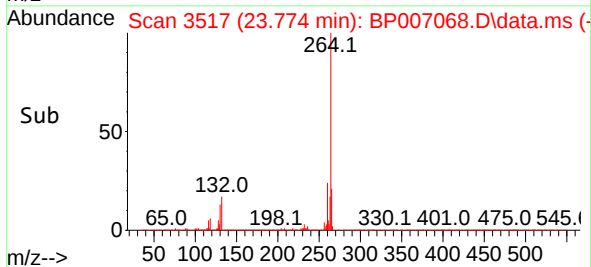
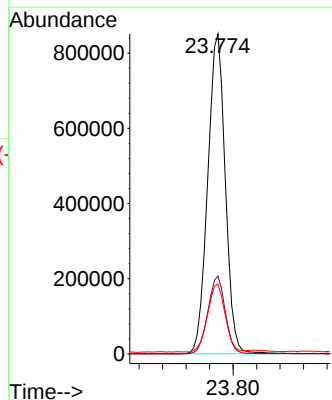
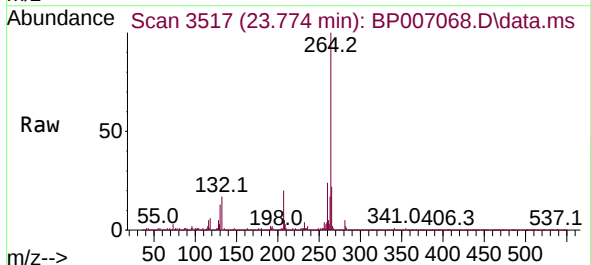
Instrument :
BNA_P
ClientSampleId :
CHRT-25949

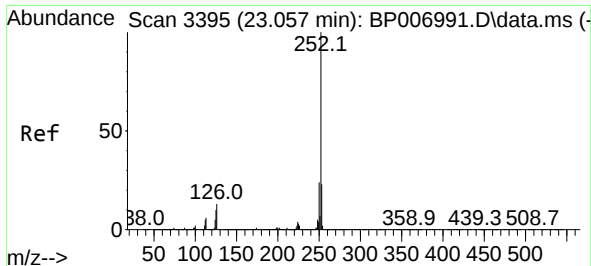
Tgt Ion:228 Resp: 304711
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 22.1 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:264 Resp: 1762481
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 21.9 17.6 26.4

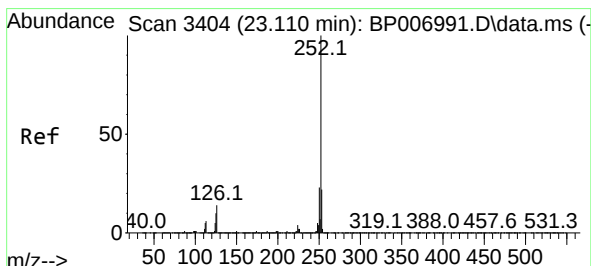
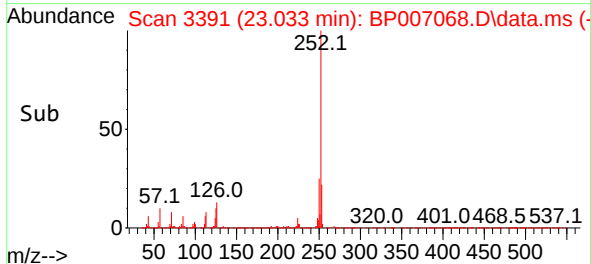
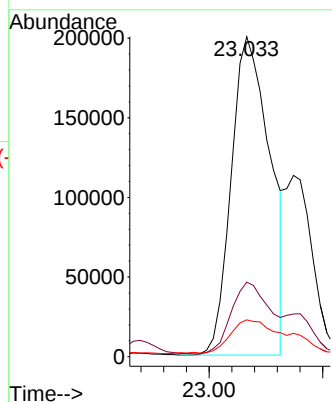
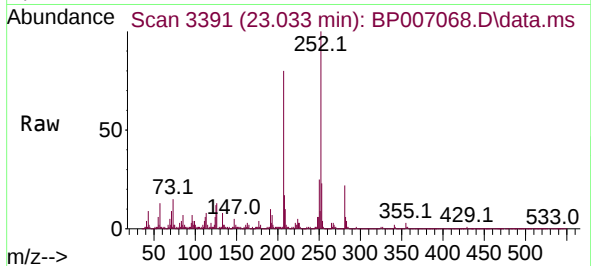




#88
Benzo(b)fluoranthene
Concen: 3.960 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

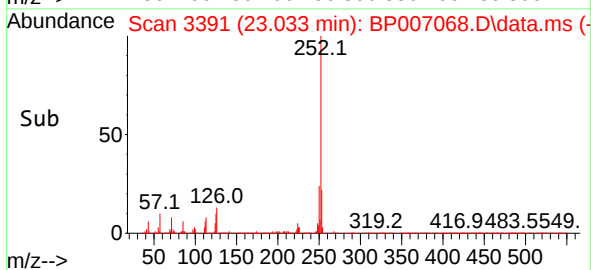
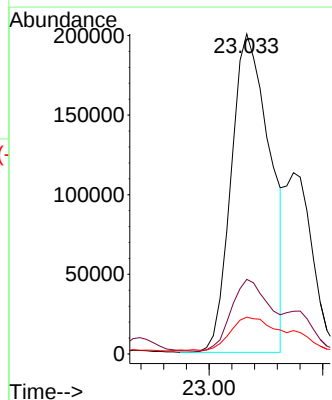
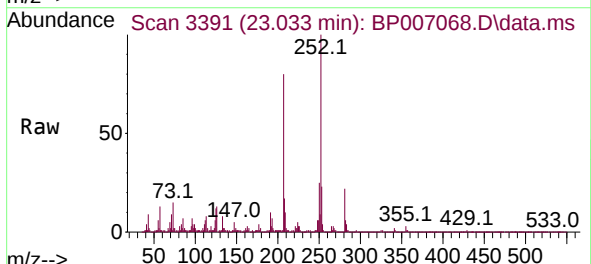
Instrument :
BNA_P
ClientSampleId :
CHRT-25949

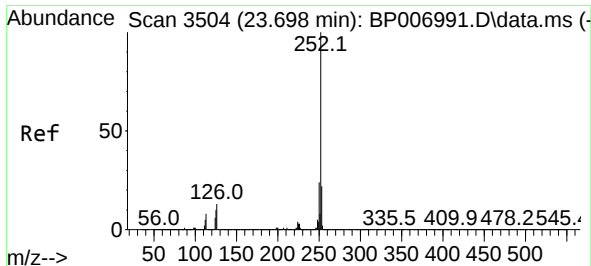
Tgt Ion:252 Resp: 474091
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.069 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.059 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:252 Resp: 474091
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 11.5 6.0 9.0#

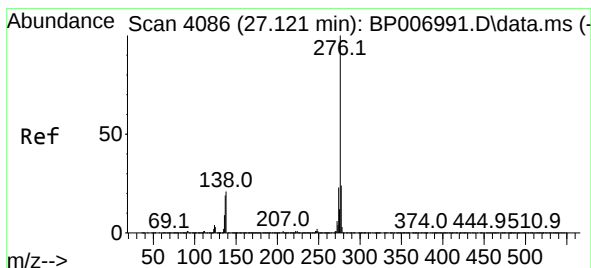
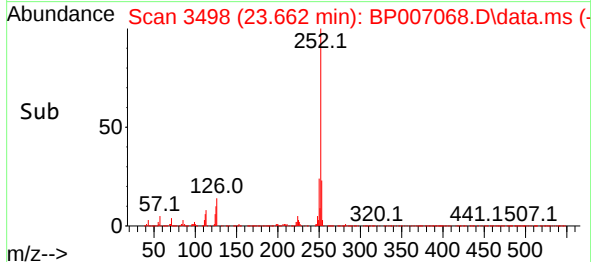
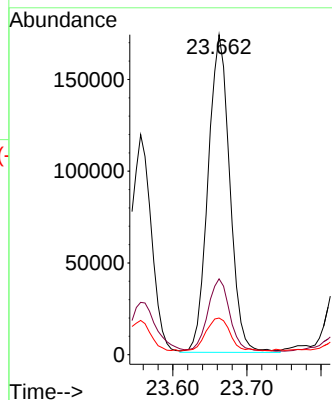
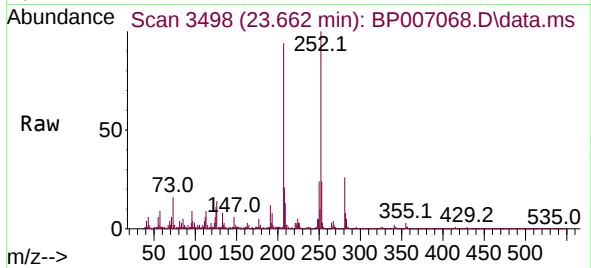




#90
Benzo(a)pyrene
Concen: 3.279 ng
RT: 23.662 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Instrument :
BNA_P
ClientSampleId :
CHRT-25949

Tgt Ion:252 Resp: 352063
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.5 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 2.072 ng
RT: 27.062 min Scan# 4076
Delta R.T. -0.024 min
Lab File: BP007068.D
Acq: 21 Sep 2021 01:22

Tgt Ion:276 Resp: 231273
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 22.8 12.6 18.8#

