

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006213.D
 Acq On : 13 Jul 2021 22:16
 Operator : CG/JU
 Sample : M3001-01DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720DL

Manual Integrations
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Quant Time: Jul 14 11:40:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	247402	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	1004609	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	524369	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	964784	20.000	ng	# 0.00
76) Chrysene-d12	21.321	240	921681	20.000	ng	# 0.00
86) Perylene-d12	23.698	264	1027050	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	79741	5.546	ng	0.00
7) Phenol-d6	7.069	99	99918	5.254	ng	0.02
23) Nitrobenzene-d5	9.040	82	62042	3.901	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	39155	6.272	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	160398	4.522	ng	0.00
79) Terphenyl-d14	19.792	244	219414	4.694	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	944469	17.334	ng	# 93
72) Anthracene	17.380	178	121506	2.276	ng	# 58
74) Di-n-butylphthalate	18.174	149	150714	2.367	ng	# 44
75) Fluoranthene	19.257	202	2395048	40.106	ng	96
78) Pyrene	19.610	202	1948039	31.270	ng	98
81) Benzo(a)anthracene	21.304	228	924601	15.861	ng	99
83) Chrysene	21.356	228	1075093	18.662	ng	98
87) Indeno(1,2,3-cd)pyrene	26.197	276	749793	9.902	ng	# 92
88) Benzo(b)fluoranthene	22.974	252	1530106	24.560	ng	# 95
89) Benzo(k)fluoranthene	23.015	252	505580m	8.303	ng	
90) Benzo(a)pyrene	23.592	252	909629	15.559	ng	# 94
91) Dibenzo(a,h)anthracene	26.197	278	194065	2.976	ng	# 87
92) Benzo(g,h,i)perylene	26.968	276	728627	11.355	ng	# 88

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

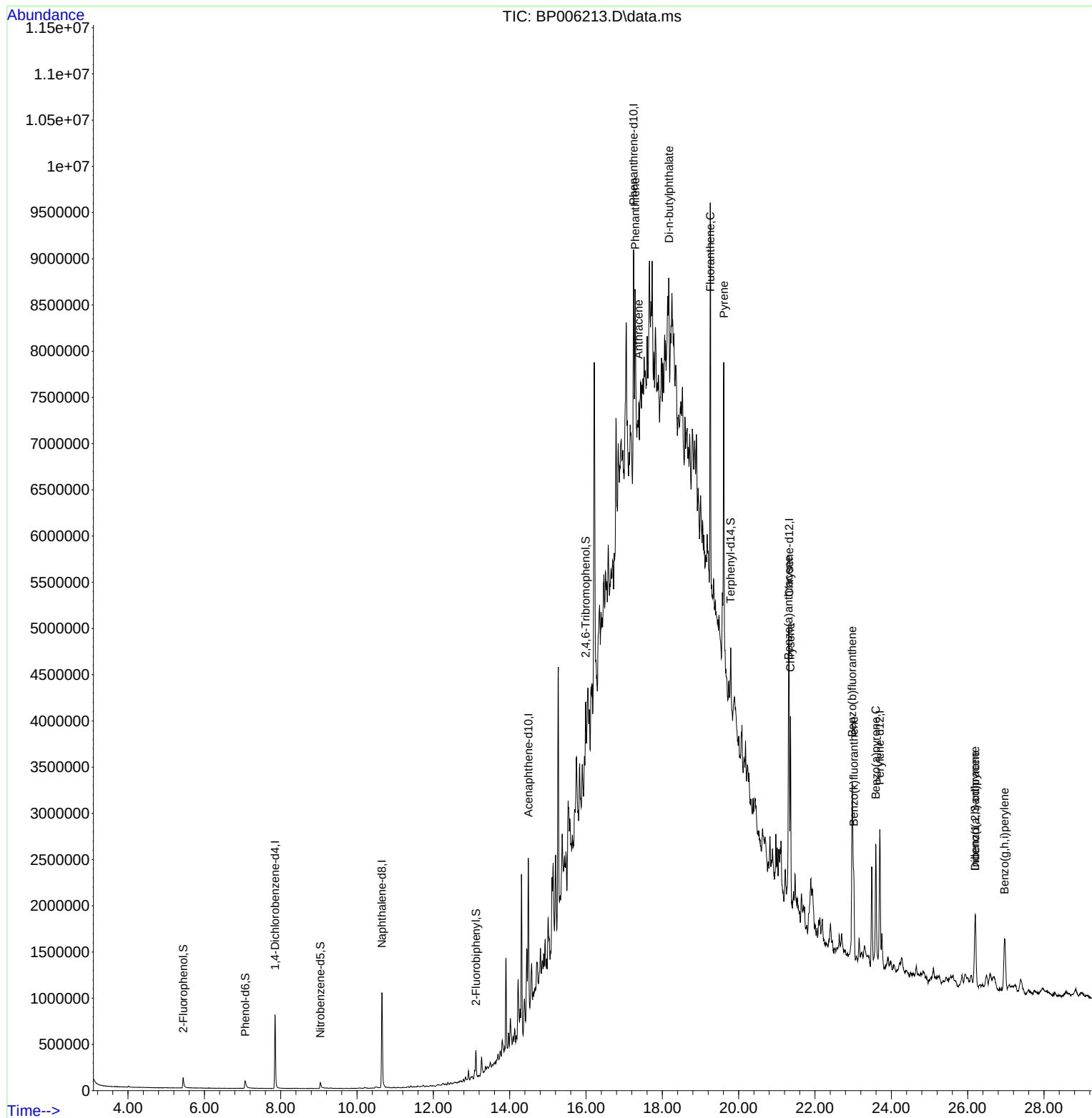
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006213.D
Acq On : 13 Jul 2021 22:16
Operator : CG/JU
Sample : M3001-01DL 10X
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ALS Vial : 19 Sample Multiplier: 1

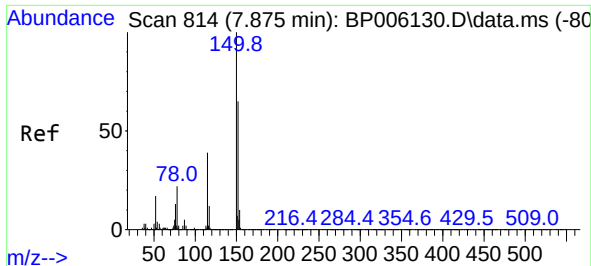
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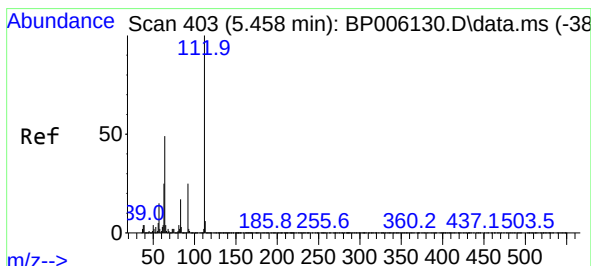
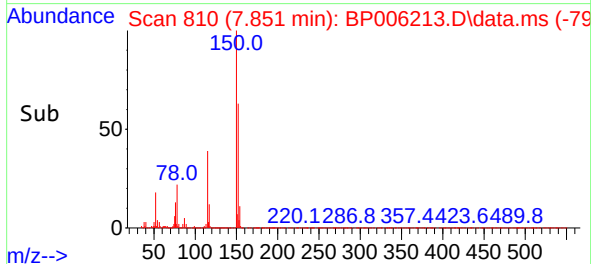
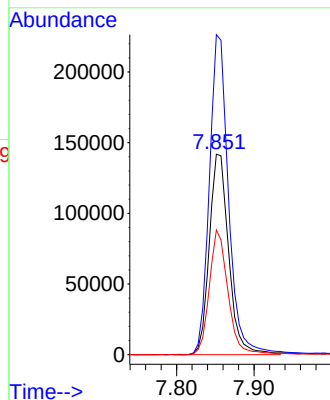
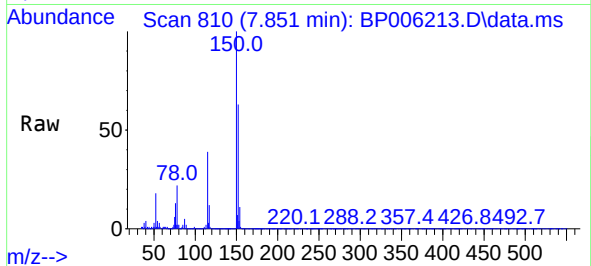
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:152 Resp: 247402
Ion Ratio Lower Upper
152 100
150 159.6 125.6 188.4
115 62.2 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

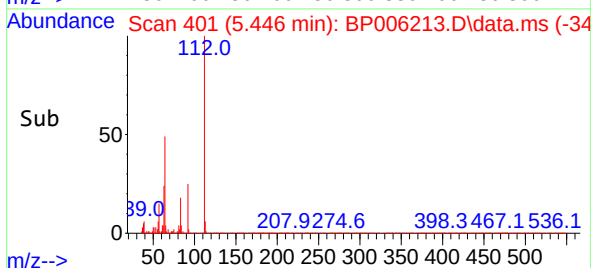
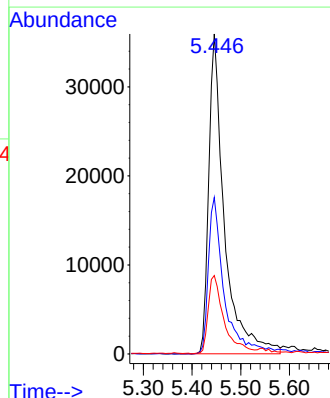
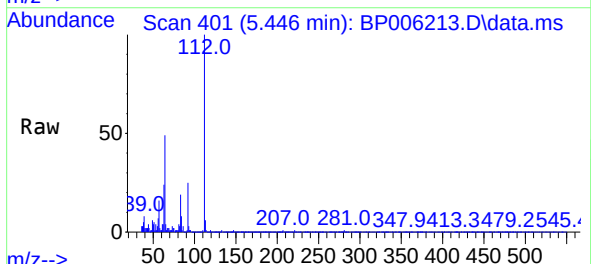
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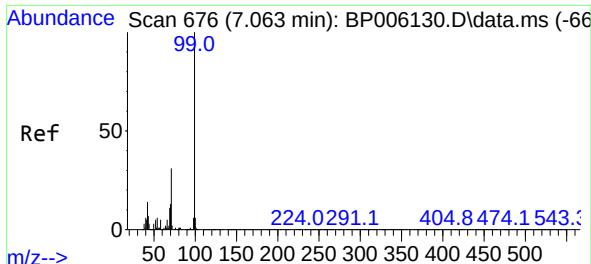
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#5
2-Fluorophenol
Concen: 5.546 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

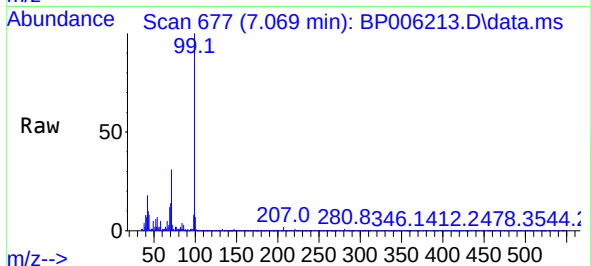
Tgt Ion:112 Resp: 79741
Ion Ratio Lower Upper
112 100
64 48.9 41.4 62.2
63 24.5 23.8 35.8





#7
Phenol-d6
Concen: 5.254 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.024 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

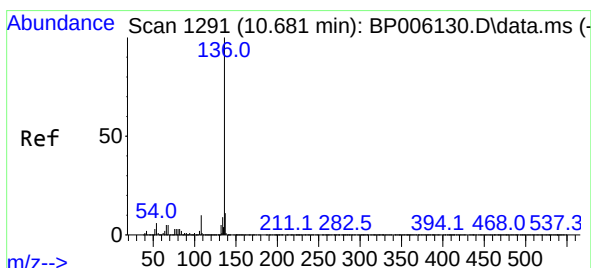
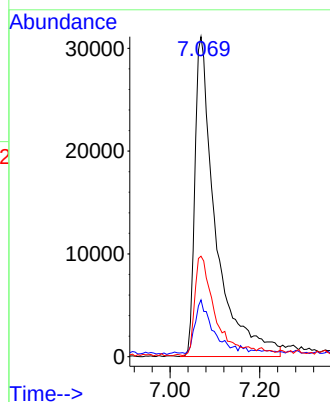
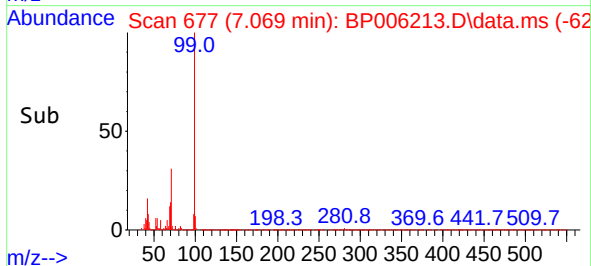
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



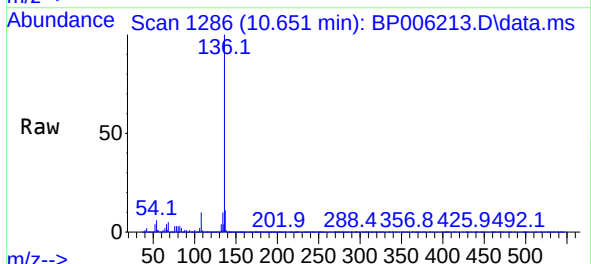
Tgt Ion: 99 Resp: 99918
Ion Ratio Lower Upper
99 100
42 17.7 13.4 20.0
71 31.4 30.6 46.0

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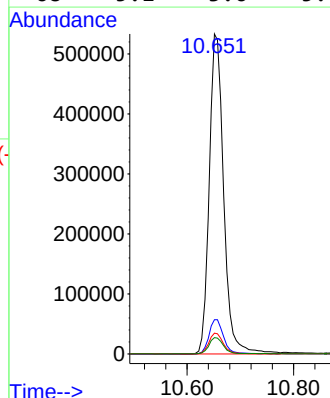
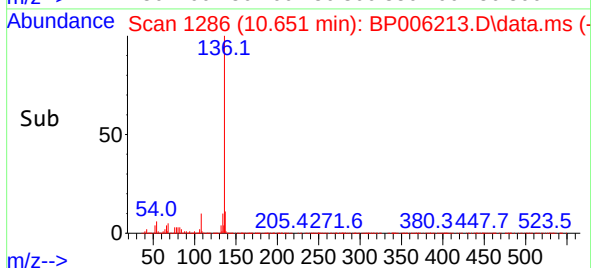
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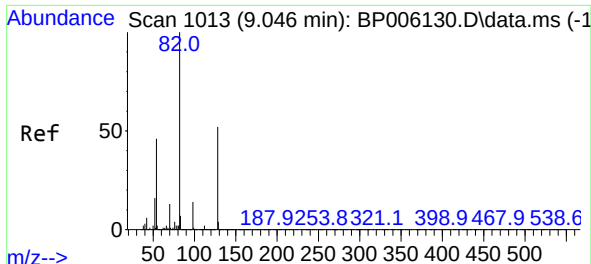


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



Tgt Ion: 136 Resp: 1004609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.5 4.6 6.8
68 5.1 3.6 5.4





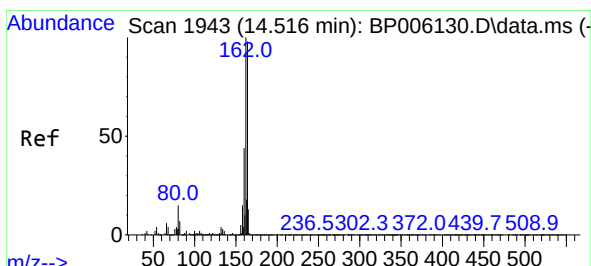
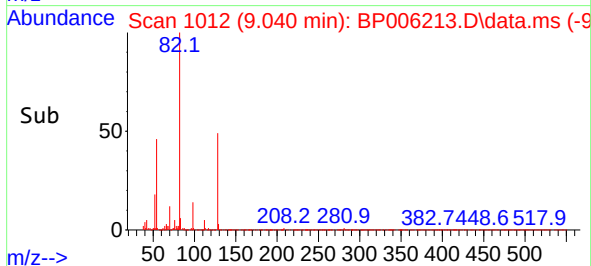
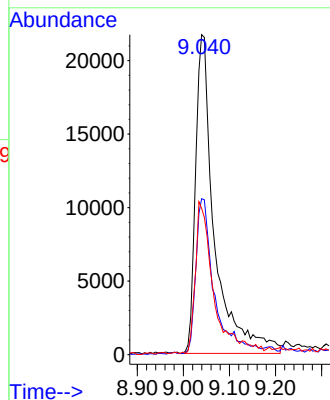
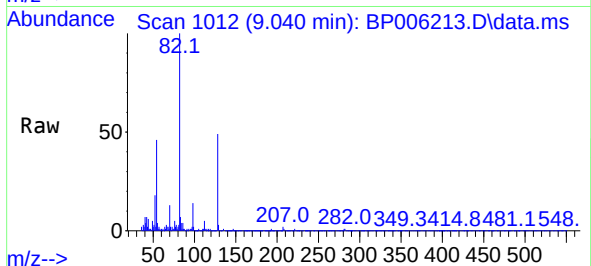
#23
Nitrobenzene-d5
Concen: 3.901 ng
RT: 9.040 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:	82	Resp:	62042
Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.7	53.5
54	45.7	35.0	52.4

Instrument :
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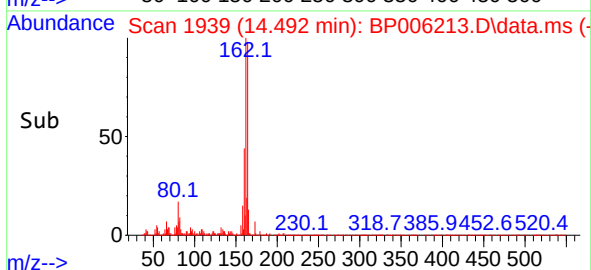
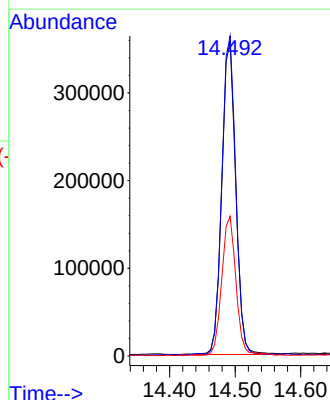
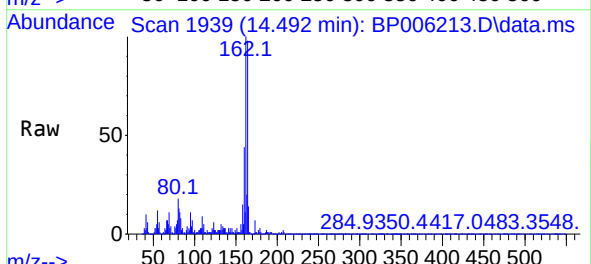
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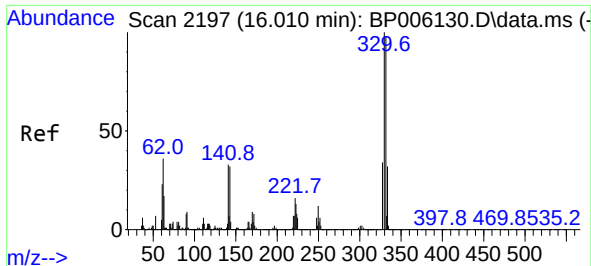
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

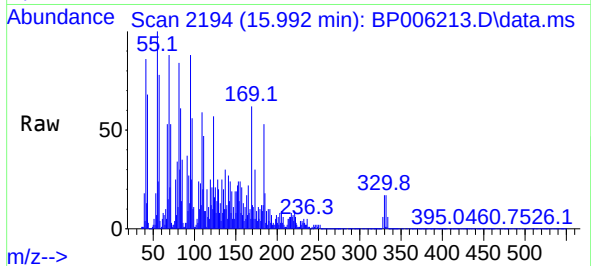
Tgt Ion:	164	Resp:	524369
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	44.3	34.5	51.7





#42
2,4,6-Tribromophenol
Concen: 6.272 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

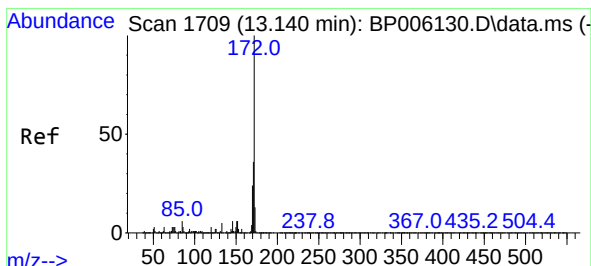
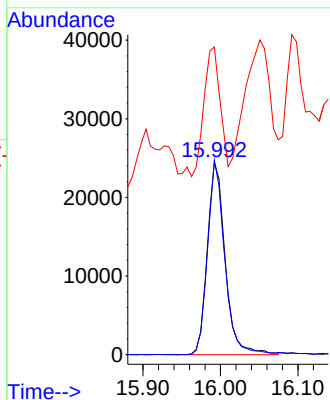
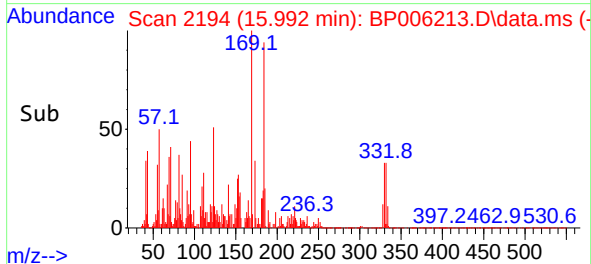
Instrument :
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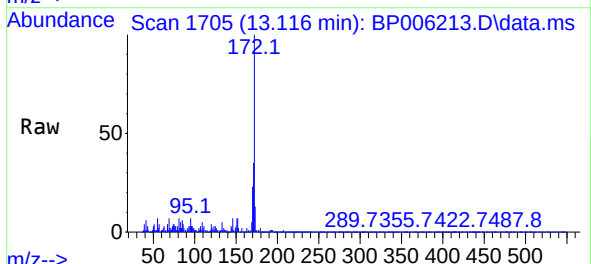
Tgt Ion:330 Resp: 39155
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 61.3 25.4 38.2#

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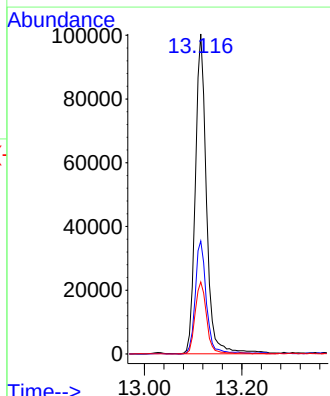
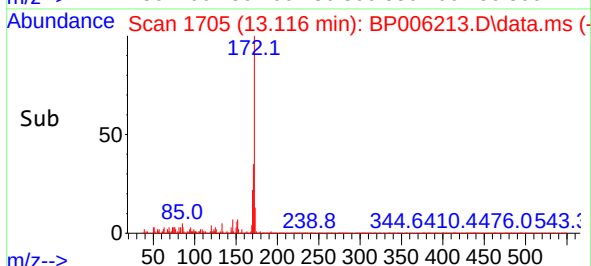
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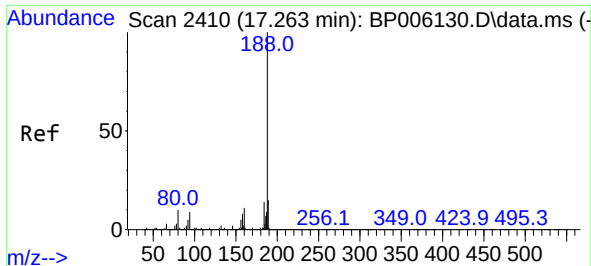


#45
2-Fluorobiphenyl
Concen: 4.522 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



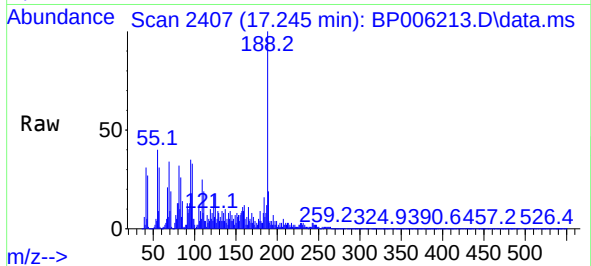
Tgt Ion:172 Resp: 160398
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

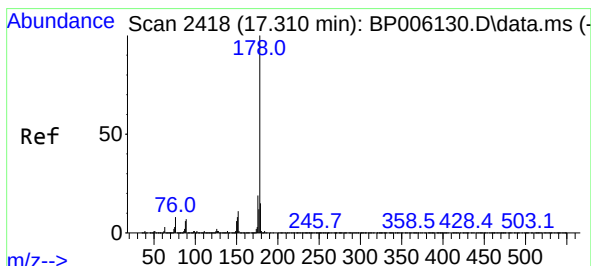
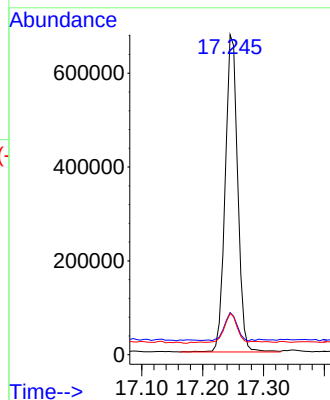
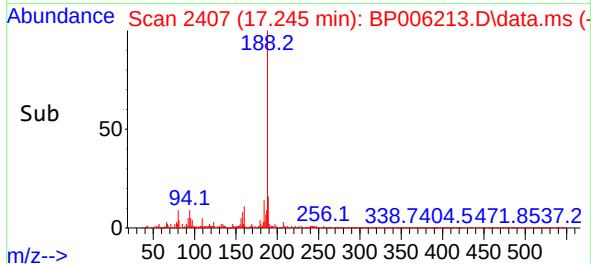
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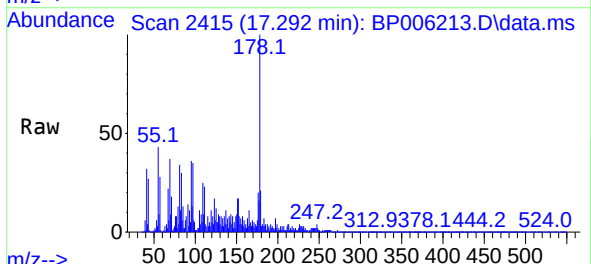
Tgt Ion:188 Resp: 964784
Ion Ratio Lower Upper
188 100
94 13.2 5.6 8.4#
80 12.9 6.3 9.5#

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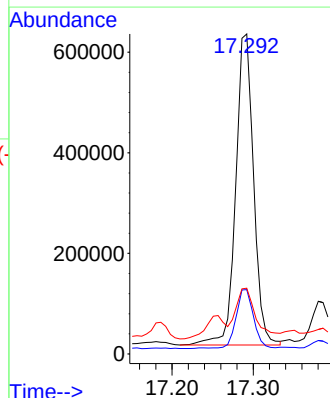
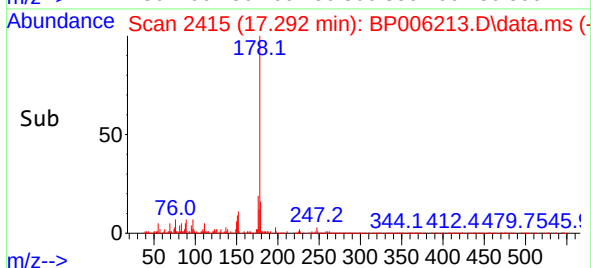
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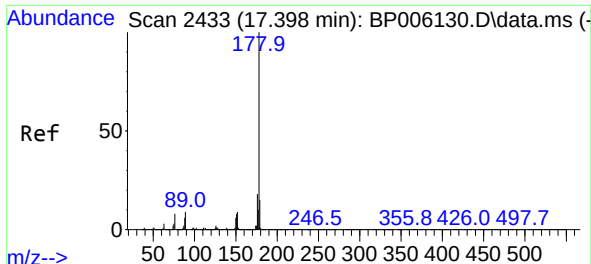


#71
Phenanthrene
Concen: 17.334 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



Tgt Ion:178 Resp: 944469
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 20.5 12.4 18.6#





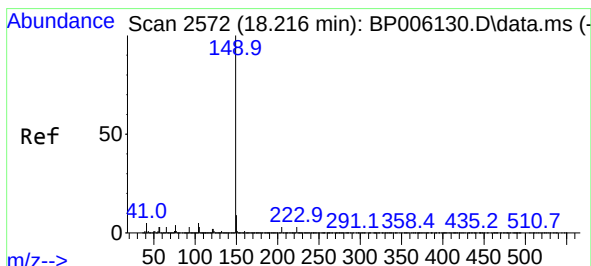
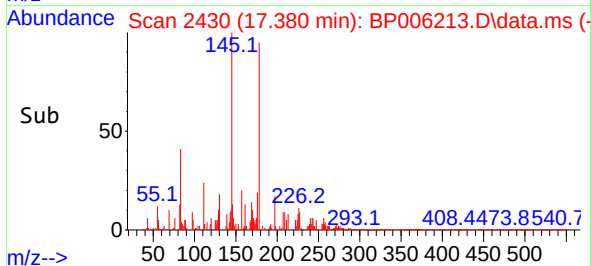
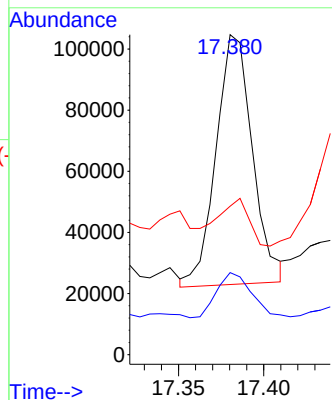
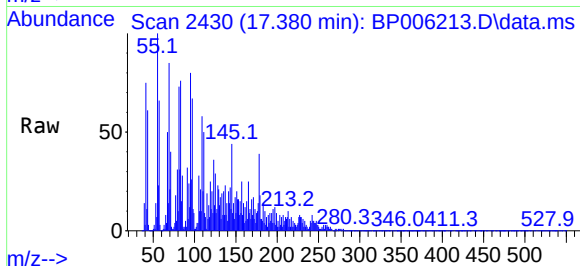
#72
 Anthracene
 Concen: 2.276 ng
 RT: 17.380 min Scan# 2430
 Delta R.T. -0.006 min
 Lab File: BP006213.D
 Acq: 13 Jul 2021 22:16

Tgt Ion:178 Resp: 121506
 Ion Ratio Lower Upper
 178 100
 176 25.6 14.9 22.3#
 179 46.4 12.2 18.2#

Instrument :
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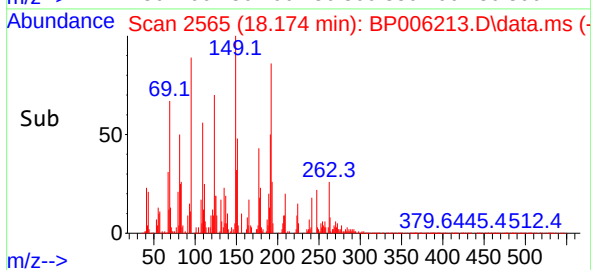
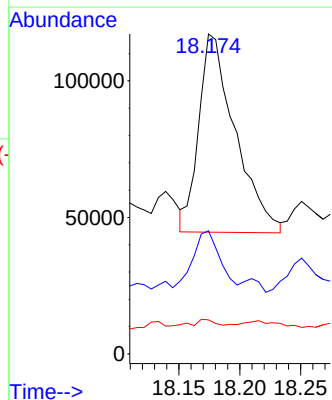
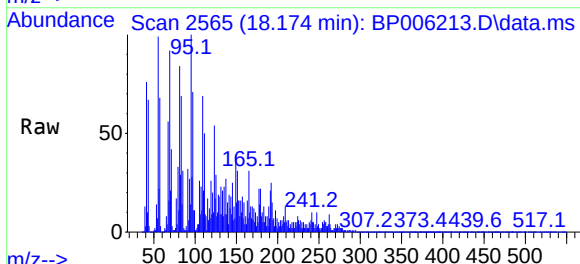
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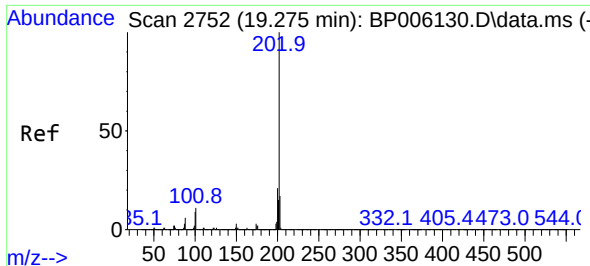
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#74
 Di-n-butylphthalate
 Concen: 2.367 ng
 RT: 18.174 min Scan# 2565
 Delta R.T. -0.023 min
 Lab File: BP006213.D
 Acq: 13 Jul 2021 22:16

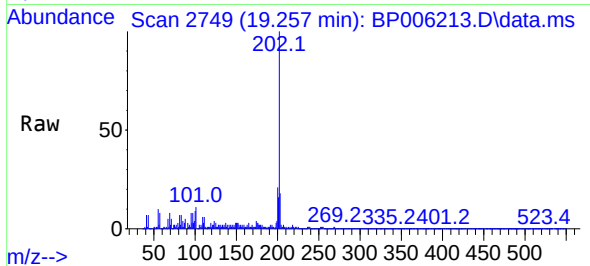
Tgt Ion:149 Resp: 150714
 Ion Ratio Lower Upper
 149 100
 150 38.5 7.3 10.9#
 104 10.7 4.5 6.7#





#75
Fluoranthene
Concen: 40.106 ng
RT: 19.257 min Scan# 2749
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

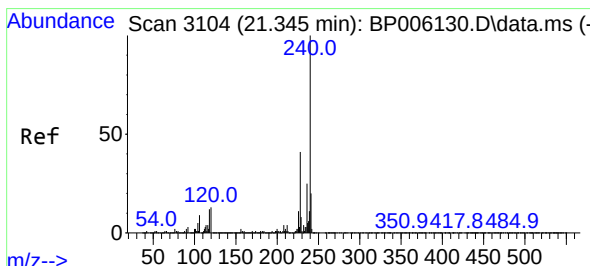
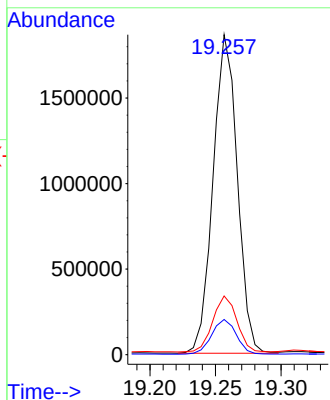
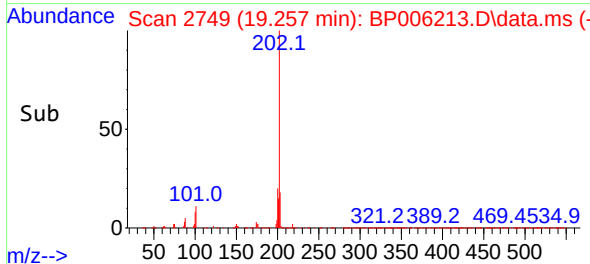
Instrument :
BNA_P
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CHRT-25720DL



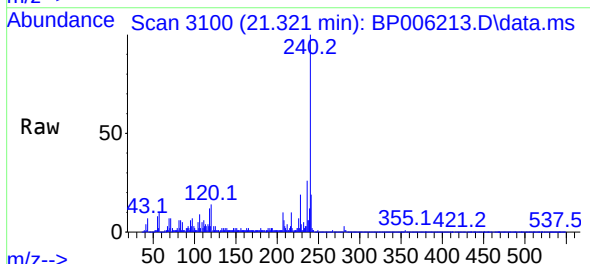
Tgt Ion:202 Resp: 2395048
Ion Ratio Lower Upper
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101 11.0 0.0 27.6
203 18.4 0.0 37.8

Manual Integrations
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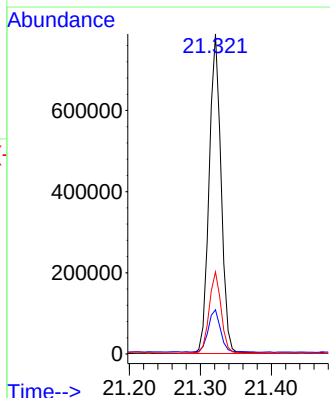
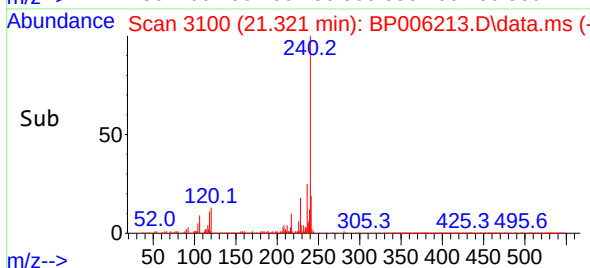
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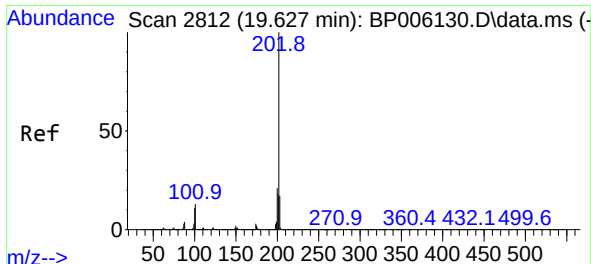


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



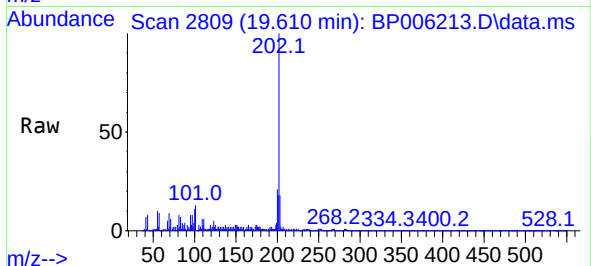
Tgt Ion:240 Resp: 921681
Ion Ratio Lower Upper
240 100
120 13.8 6.5 9.7#
236 25.7 20.6 31.0





#78
Pyrene
Concen: 31.270 ng
RT: 19.610 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

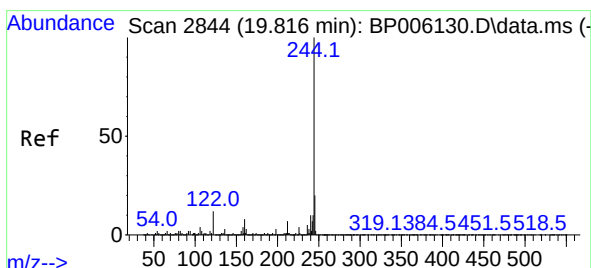
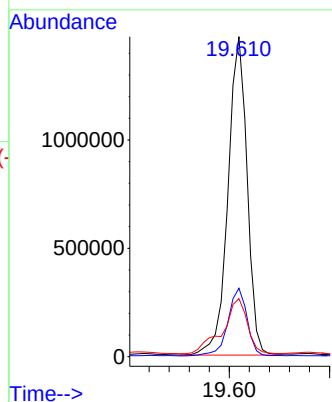
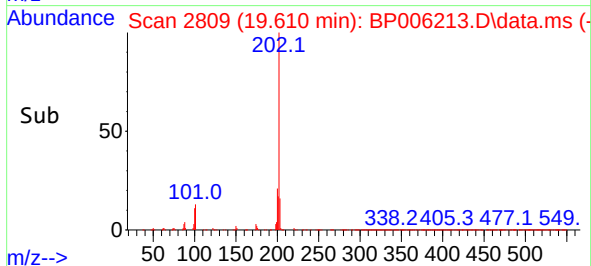
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



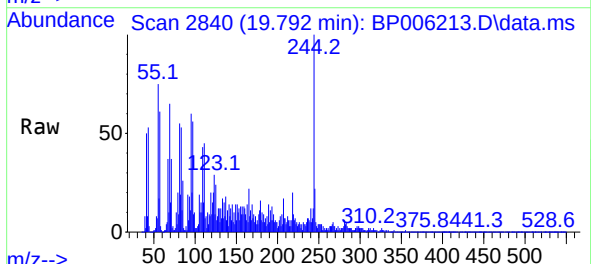
Tgt Ion:202 Resp: 1948039
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.1 14.2 21.2

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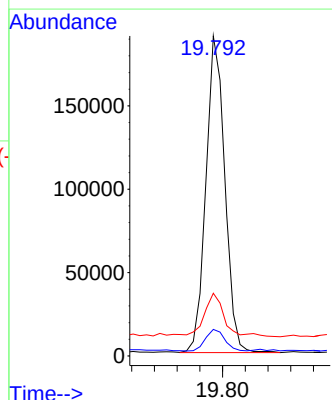
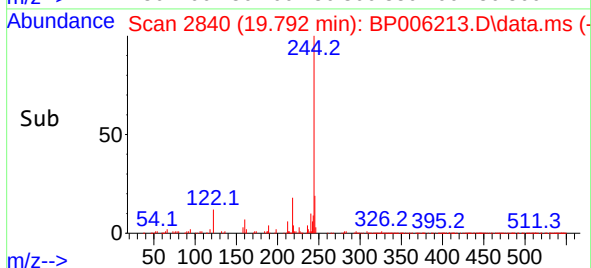
mohammad
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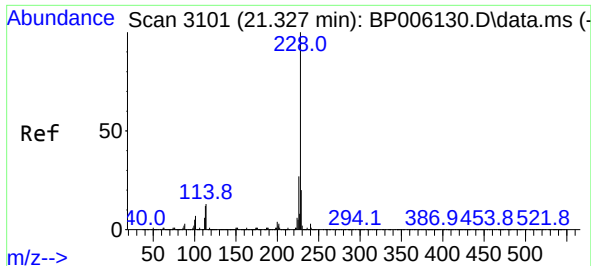


#79
Terphenyl-d14
Concen: 4.694 ng
RT: 19.792 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



Tgt Ion:244 Resp: 219414
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 19.6 7.1 10.7#





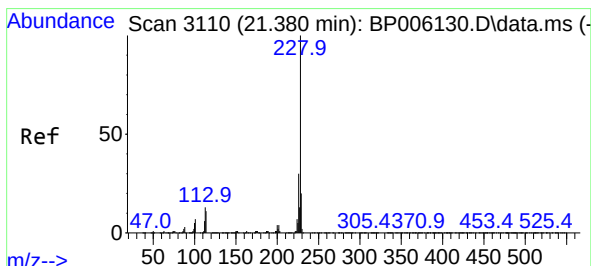
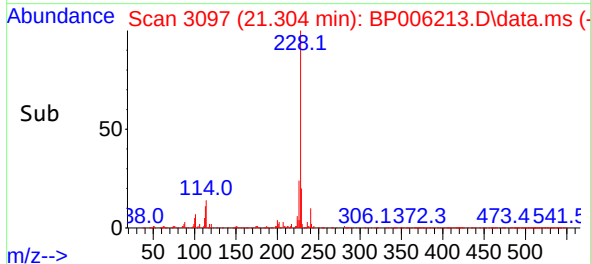
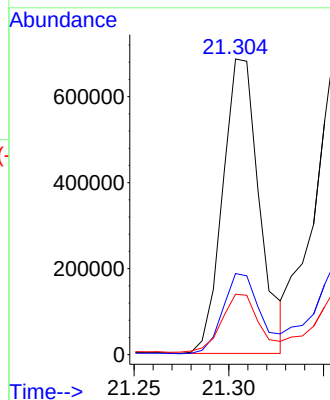
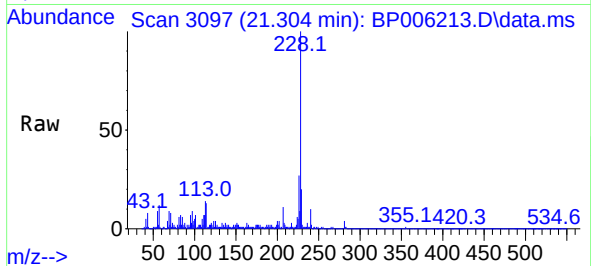
#81
Benzo(a)anthracene
Concen: 15.861 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Tgt Ion:228 Resp: 924601
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.5 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL

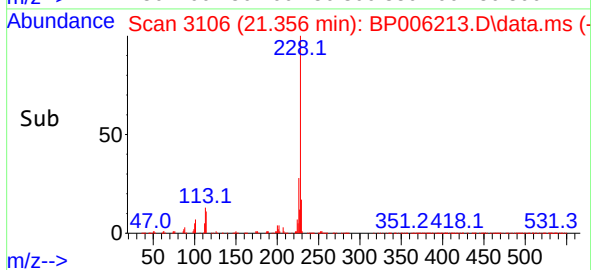
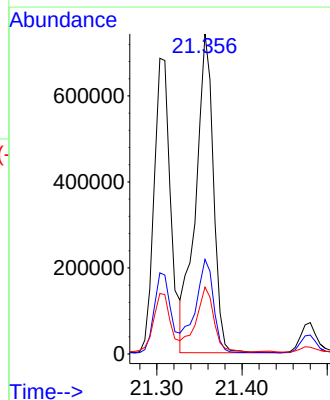
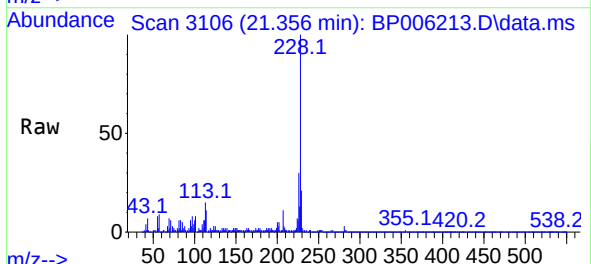
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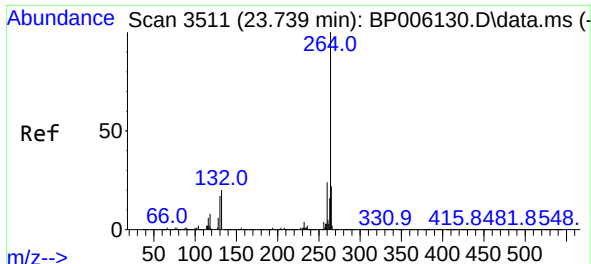
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#83
Chrysene
Concen: 18.662 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

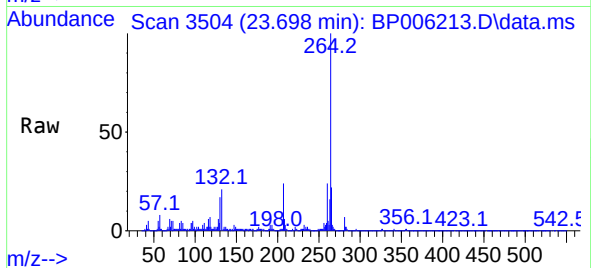
Tgt Ion:228 Resp: 1075093
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 20.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3504
Delta R.T. -0.018 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

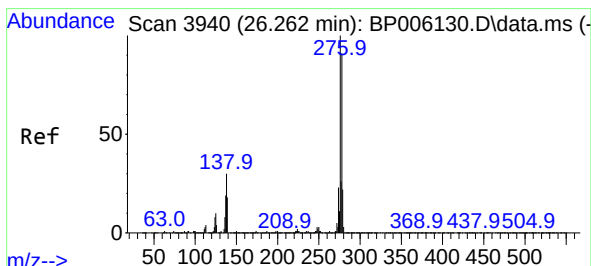
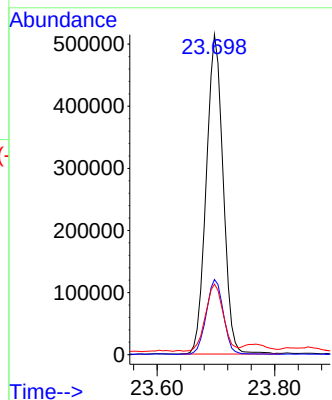
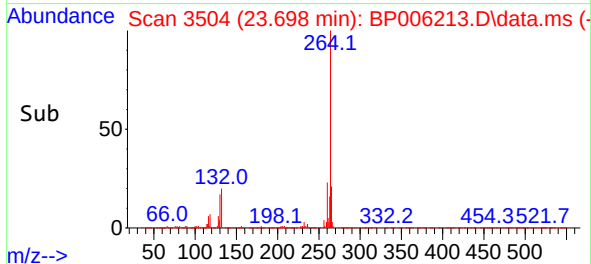
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



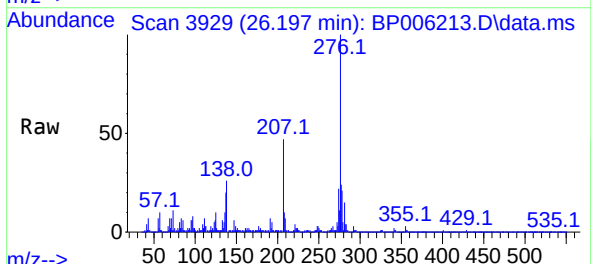
Tgt Ion:264 Resp: 1027050
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.0 17.6 26.4

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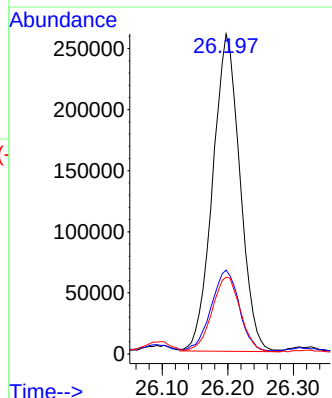
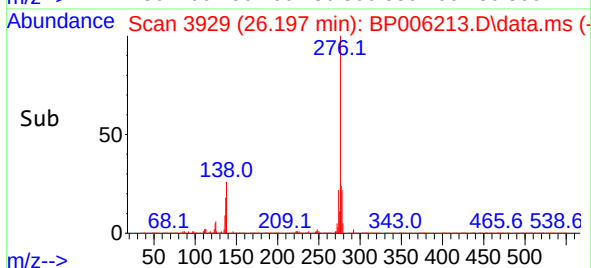
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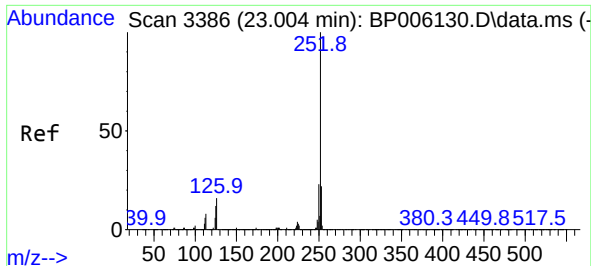


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.902 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



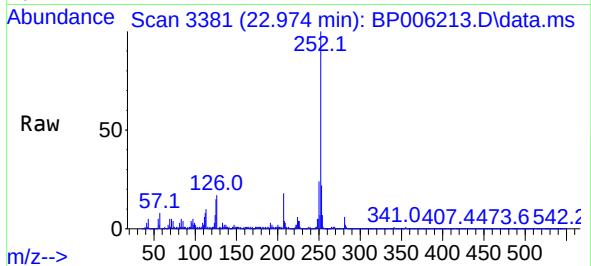
Tgt Ion:276 Resp: 749793
Ion Ratio Lower Upper
276 100
138 26.1 15.3 22.9#
277 24.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 24.560 ng
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

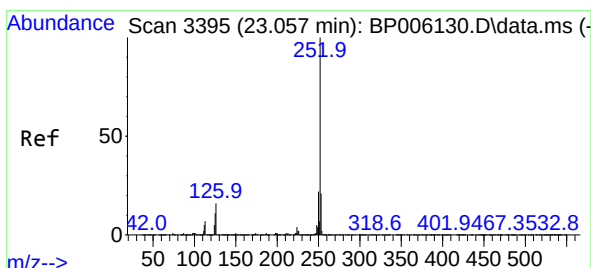
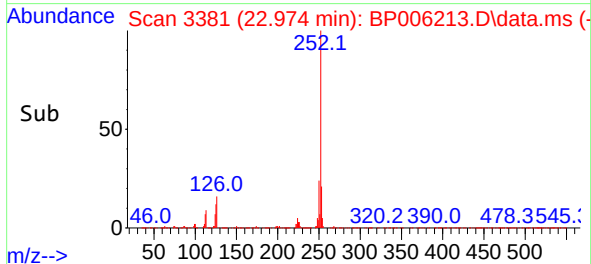
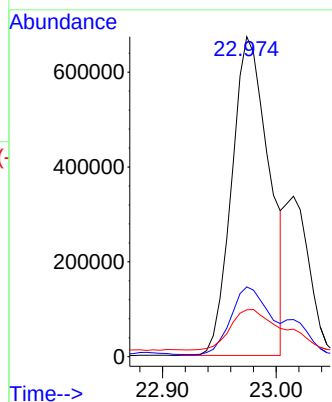
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



Tgt Ion:252 Resp: 1530106
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.7 6.2 9.4#

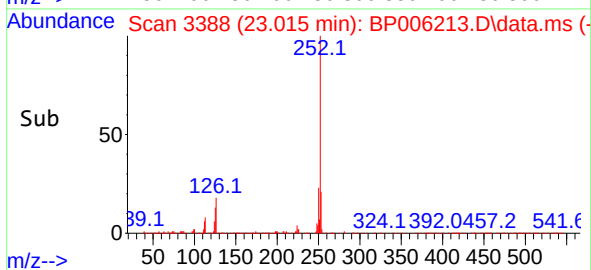
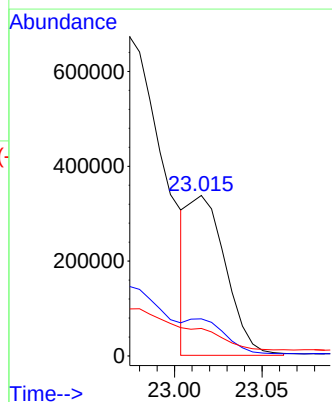
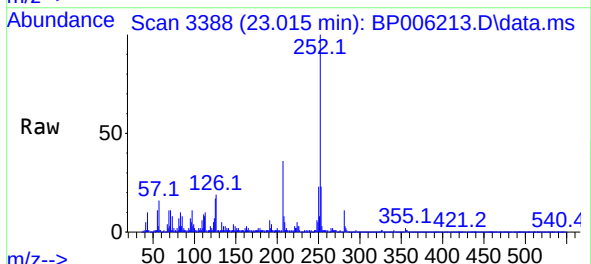
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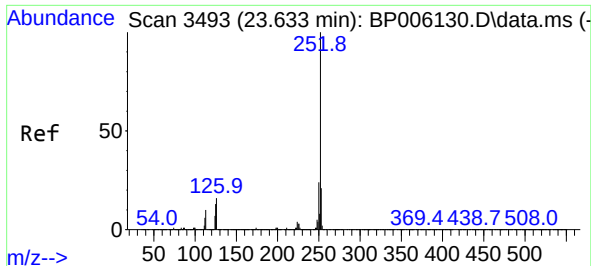
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#89
Benzo(k)fluoranthene
Concen: 8.303 ng m
RT: 23.015 min Scan# 3388
Delta R.T. -0.018 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

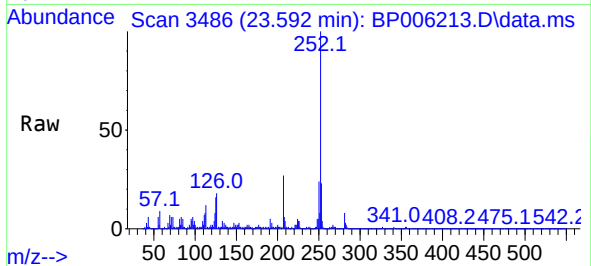
Tgt Ion:252 Resp: 505580
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 17.2 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 15.559 ng
RT: 23.592 min Scan# 3486
Delta R.T. -0.018 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

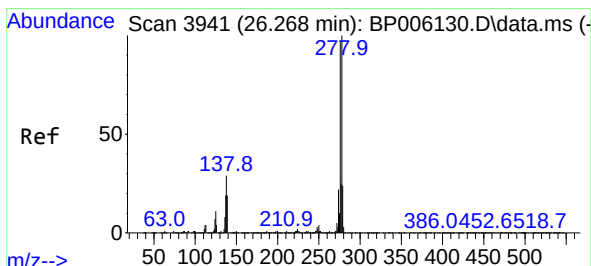
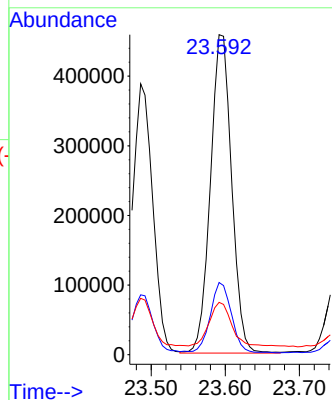
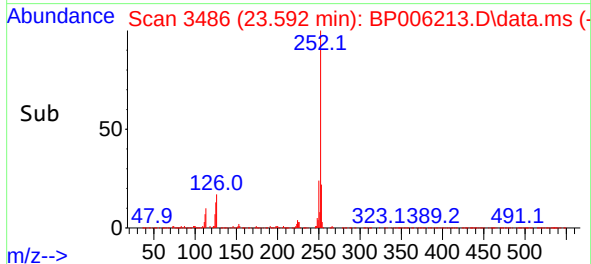
Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



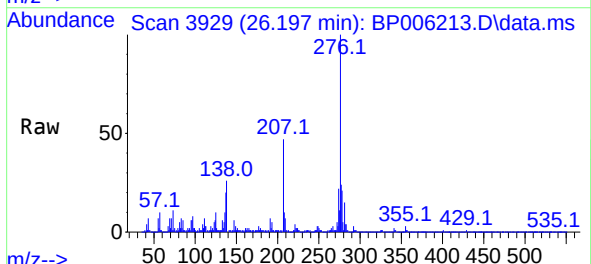
Tgt Ion:252 Resp: 909629
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 16.3 6.5 9.7#

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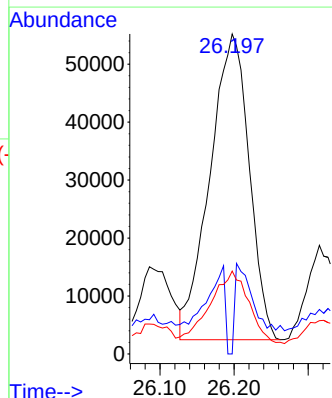
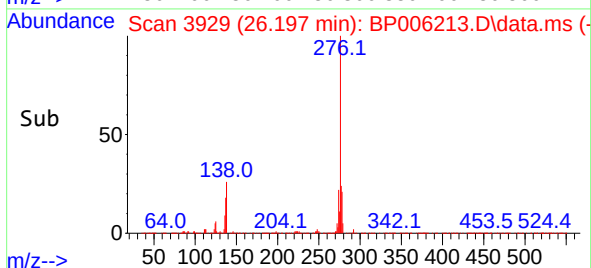
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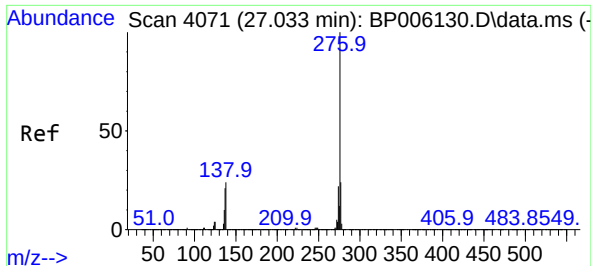


#91
Dibenzo(a,h)anthracene
Concen: 2.976 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.041 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16



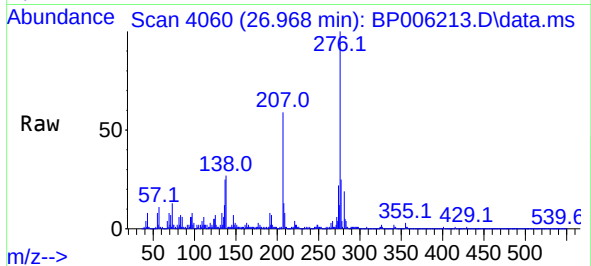
Tgt Ion:278 Resp: 194065
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 25.9 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 11.355 ng
RT: 26.968 min Scan# 4060
Delta R.T. -0.035 min
Lab File: BP006213.D
Acq: 13 Jul 2021 22:16

Instrument :
BNA_P
ClientSampleId :
CHRT-25720DL



Tgt Ion: 276 Resp: 728627
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 26.8 12.6 18.8#

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