

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009411.D
 Acq On : 15 Mar 2022 22:27
 Operator : CG/JU
 Sample : N1944-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26215

Quant Time: Mar 16 01:58:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

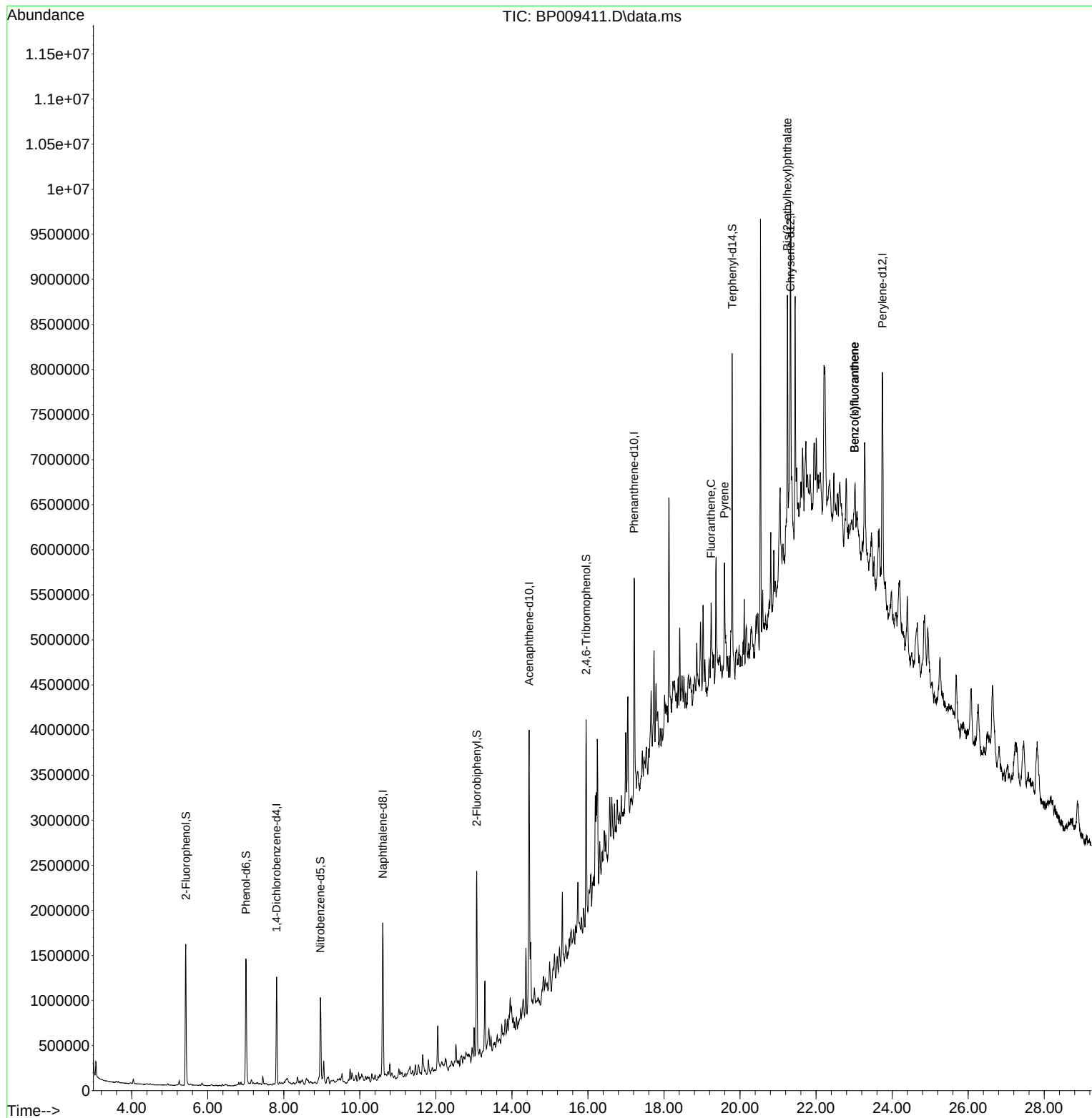
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	342821	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	1348349	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	857093	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1708305	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1873326	20.000	ng	0.00
86) Perylene-d12	23.745	264	2125549	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	806630	34.345	ng	0.01
7) Phenol-d6	7.005	99	991301	33.214	ng	0.02
23) Nitrobenzene-d5	8.963	82	610554	24.941	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	512025	49.474	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1225365	19.661	ng	-0.01
79) Terphenyl-d14	19.792	244	1810449	18.238	ng	0.00
Target Compounds						
75) Fluoranthene	19.239	202	366213	3.232	ng	94
78) Pyrene	19.592	202	424558	3.357	ng	97
84) Bis(2-ethylhexyl)phtha...	21.245	149	1039088	14.231	ng	# 98
88) Benzo(b)fluoranthene	23.010	252	329102	2.293	ng	# 49
89) Benzo(k)fluoranthene	23.010	252	329102	2.400	ng	# 48

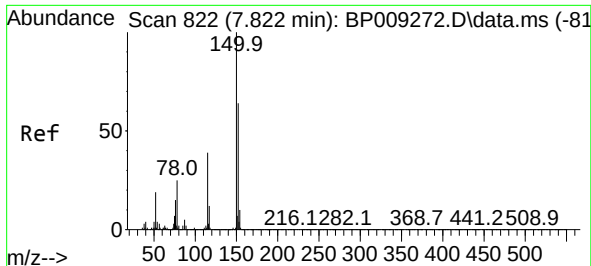
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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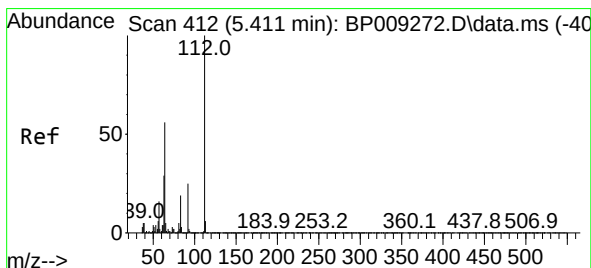
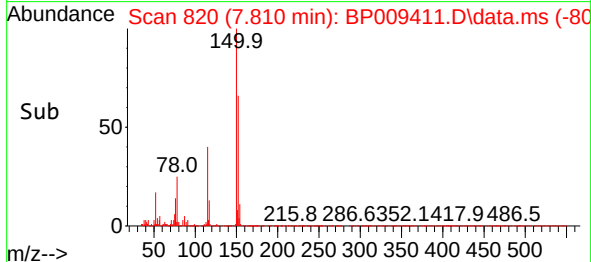
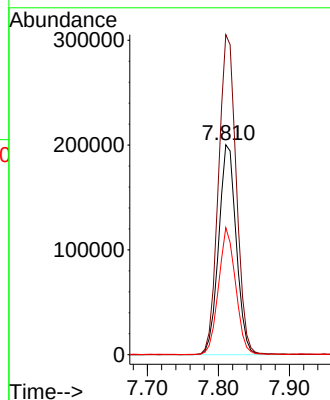
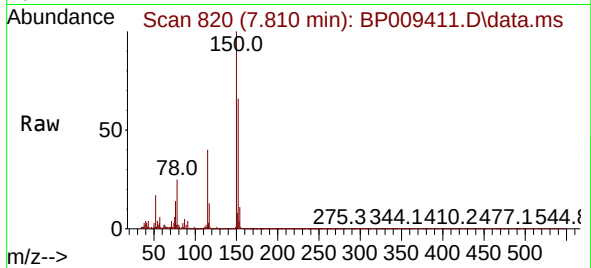




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

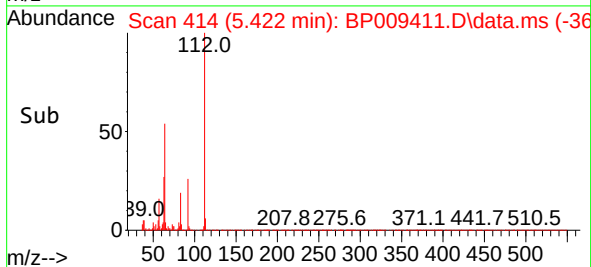
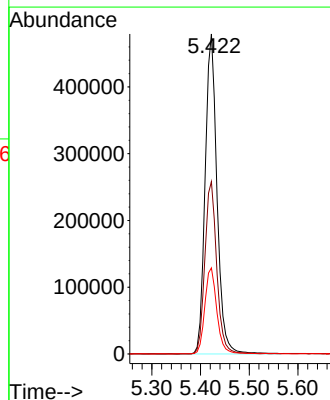
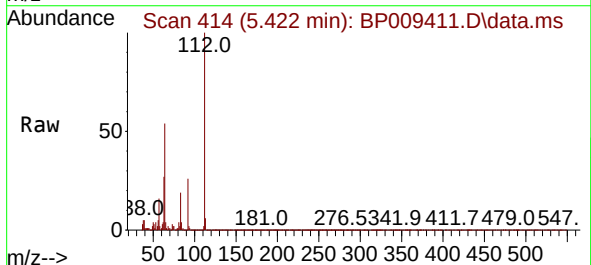
Instrument :
BNA_P
ClientSampleId :
CHRT-26215

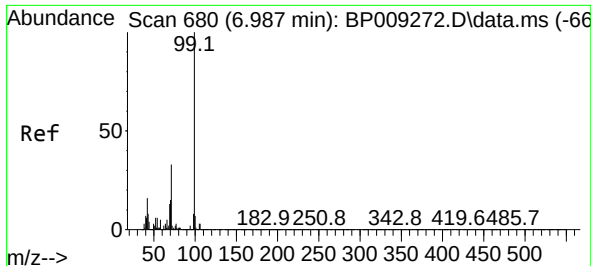
Tgt Ion:152 Resp: 342821
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 60.5 48.2 72.4



#5
2-Fluorophenol
Concen: 34.345 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion:112 Resp: 806630
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 26.9 23.0 34.6

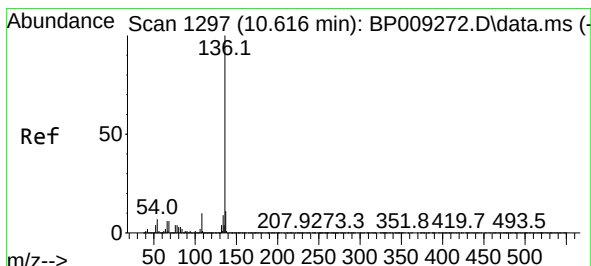
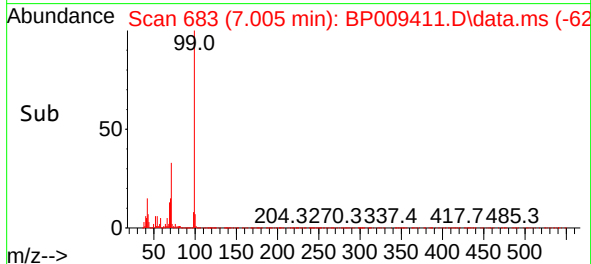
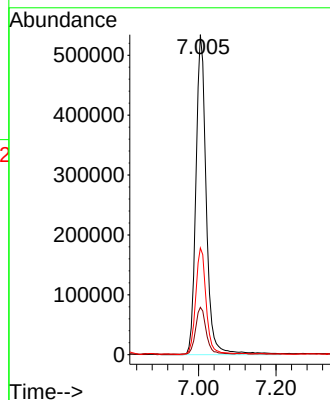
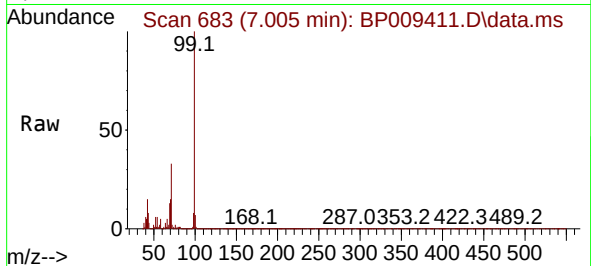




#7
Phenol-d6
Concen: 33.214 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

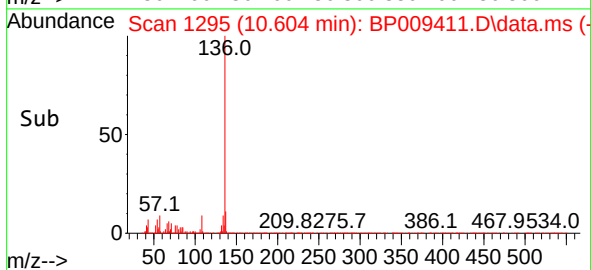
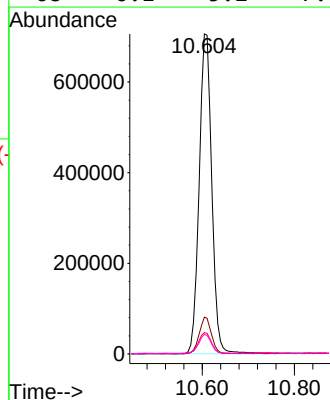
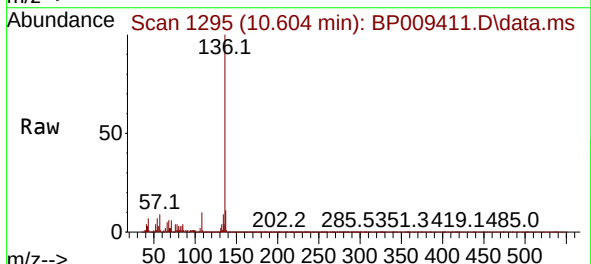
Instrument :
BNA_P
ClientSampleId :
CHRT-26215

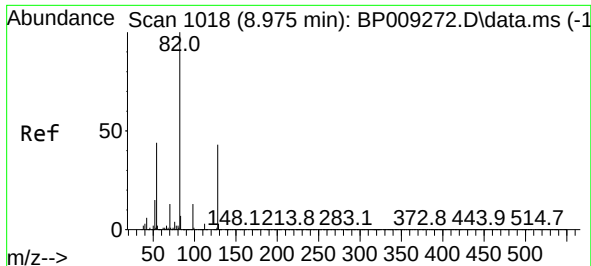
Tgt Ion: 99 Resp: 991301
Ion Ratio Lower Upper
99 100
42 14.8 12.8 19.2
71 33.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion: 136 Resp: 1348349
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8

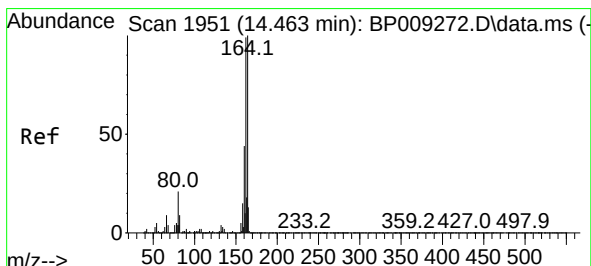
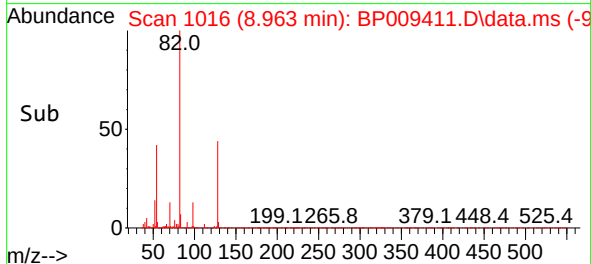
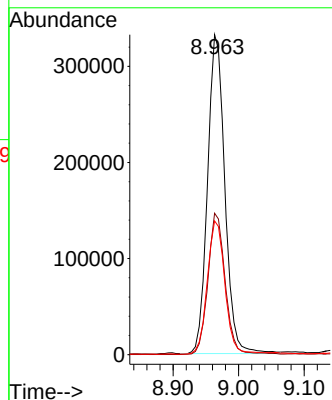
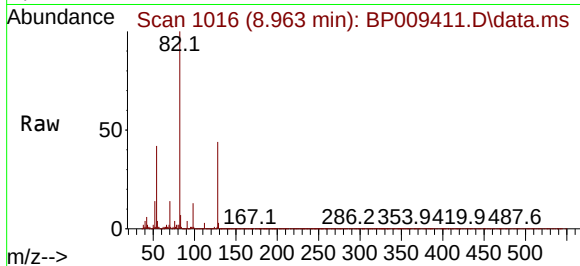




#23
Nitrobenzene-d5
Concen: 24.941 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

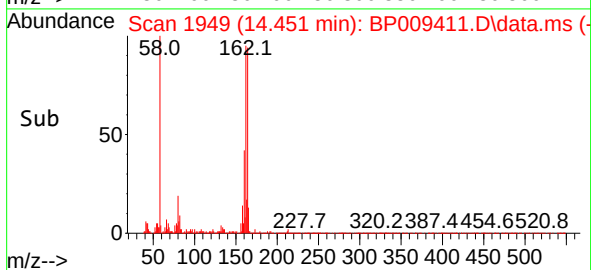
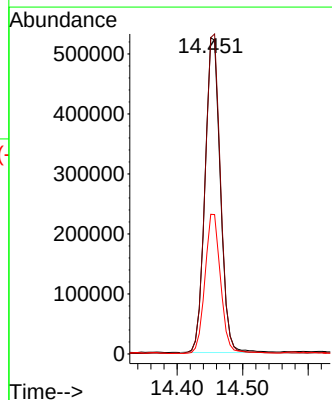
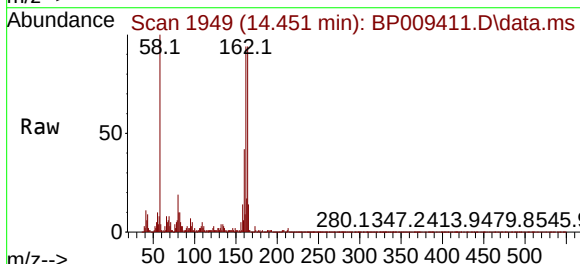
Instrument :
BNA_P
ClientSampleId :
CHRT-26215

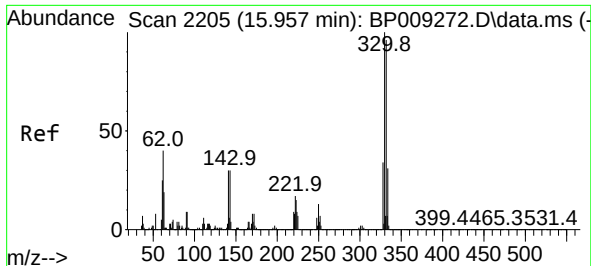
Tgt Ion: 82 Resp: 610554
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 41.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion:164 Resp: 857093
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 44.2 34.9 52.3

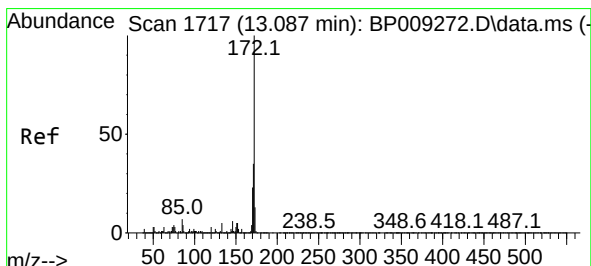
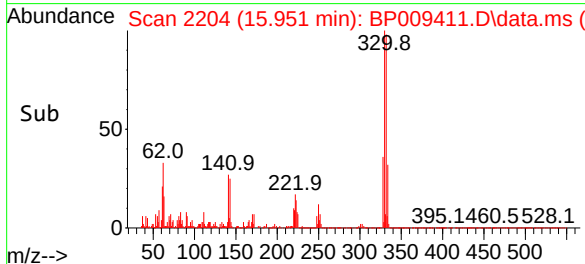
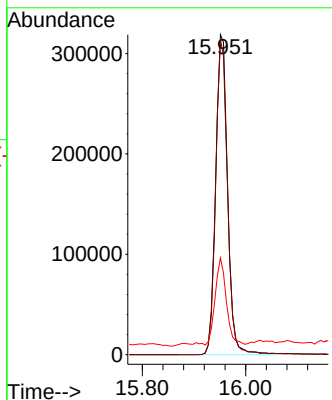
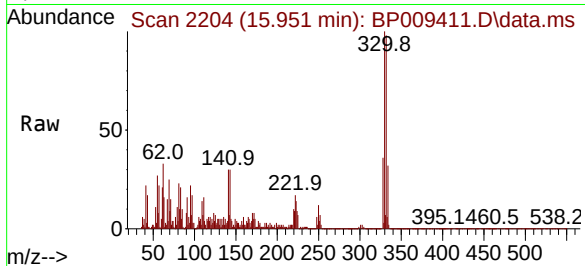




#42
2,4,6-Tribromophenol
Concen: 49.474 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

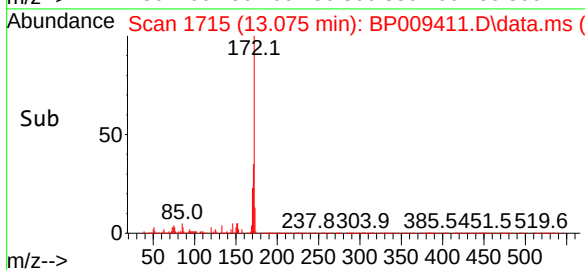
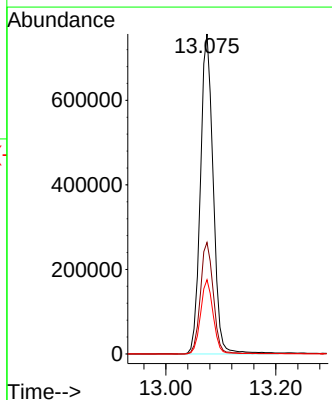
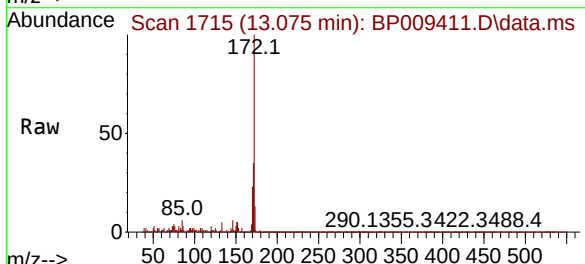
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ClientSampleId :
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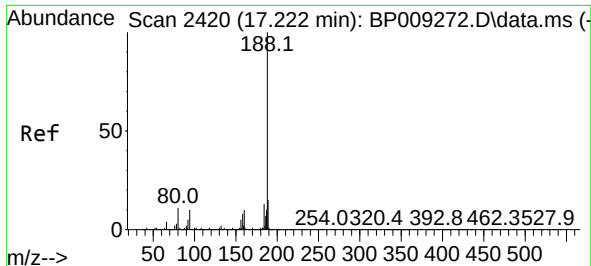
Tgt Ion:330 Resp: 512025
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 25.5 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 19.661 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion:172 Resp: 1225365
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.2 18.6 27.8

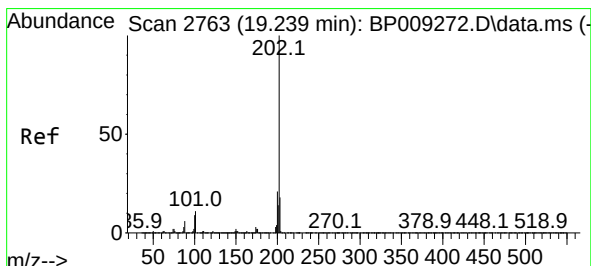
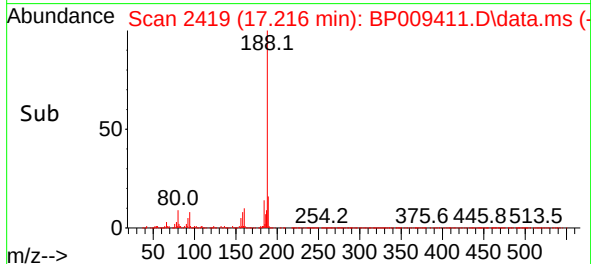
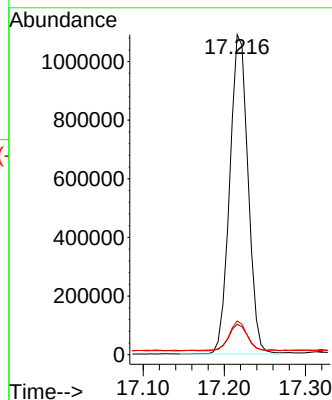
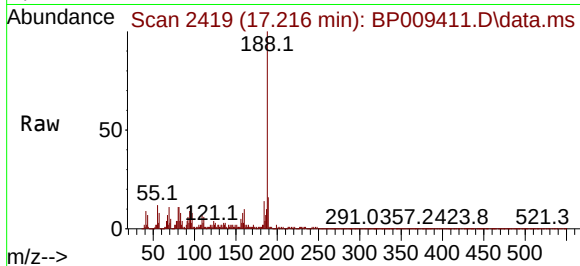




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

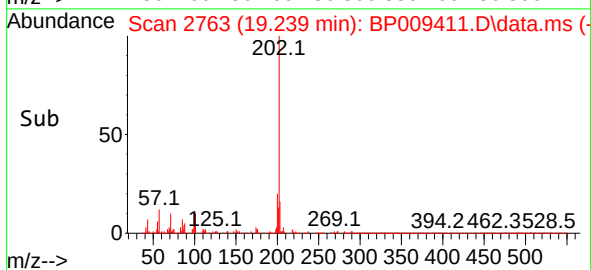
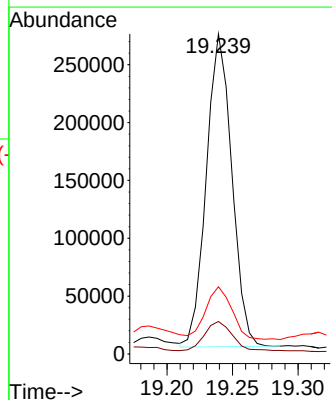
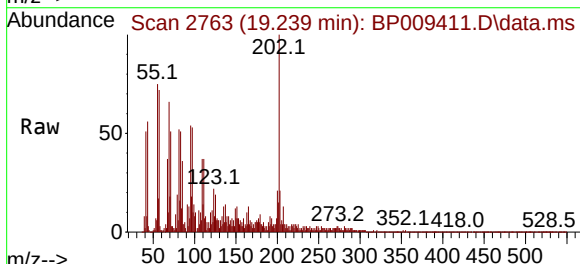
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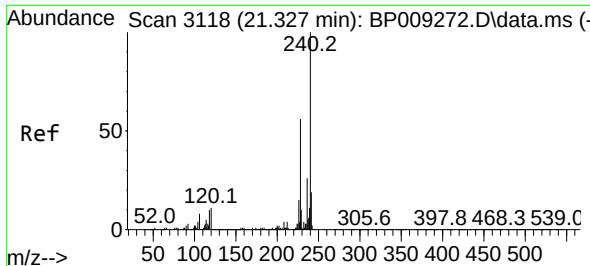
Tgt Ion:188 Resp: 1708305
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.5 8.8 13.2



#75
Fluoranthene
Concen: 3.232 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion:202 Resp: 366213
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.5
203 21.0 0.0 37.8

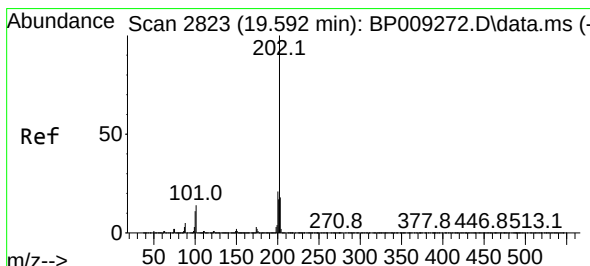
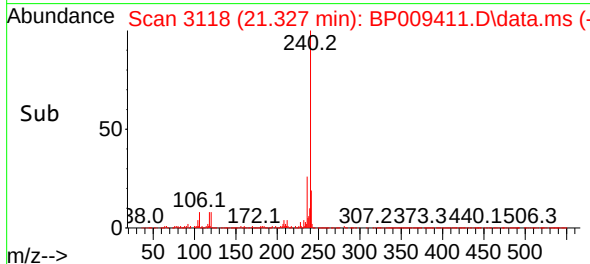
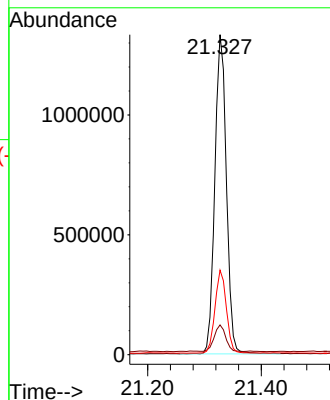
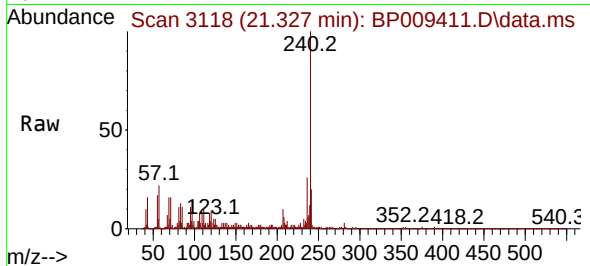




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

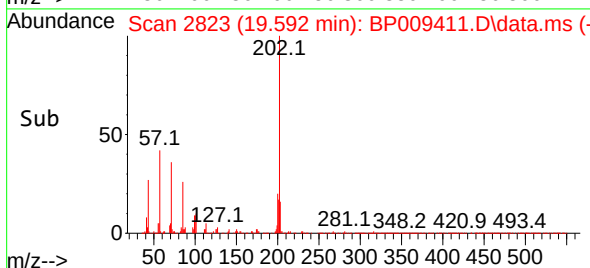
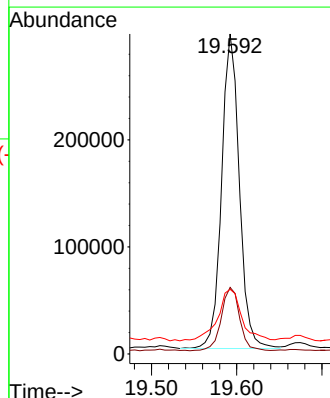
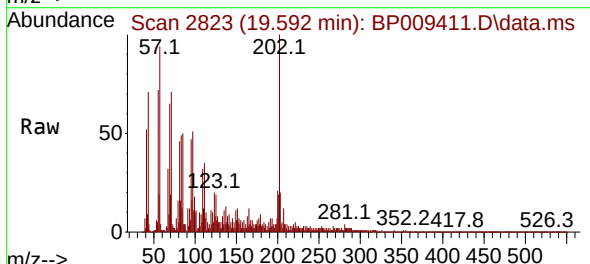
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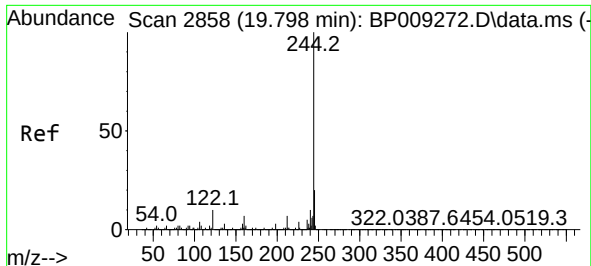
Tgt Ion:240 Resp: 1873326
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 26.4 20.6 30.8



#78
Pyrene
Concen: 3.357 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009411.D
Acq: 15 Mar 2022 22:27

Tgt Ion:202 Resp: 424558
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 20.2 14.2 21.4

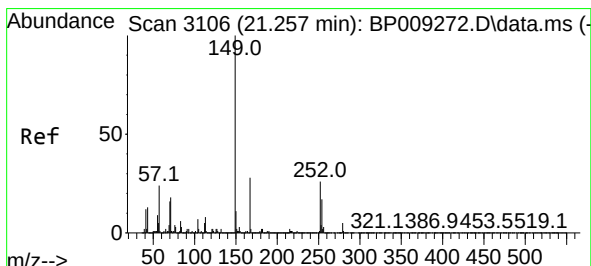
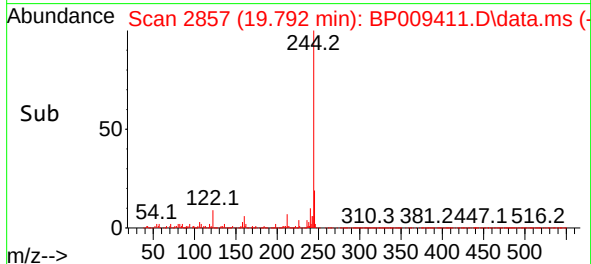
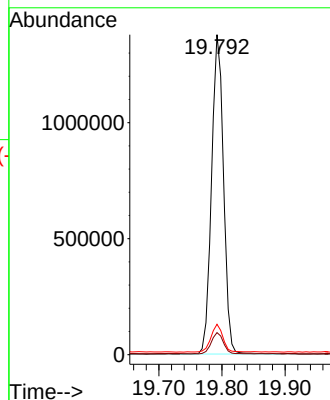
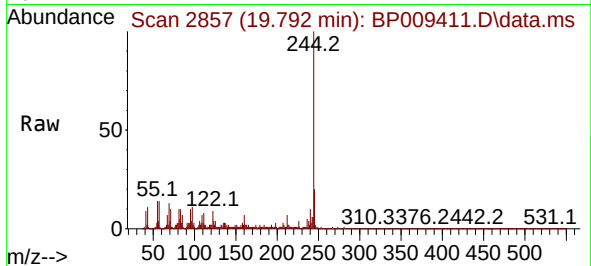




#79
 Terphenyl-d14
 Concen: 18.238 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009411.D
 Acq: 15 Mar 2022 22:27

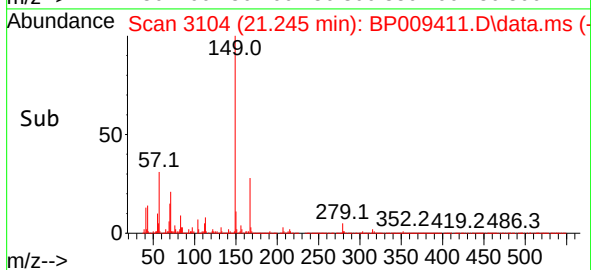
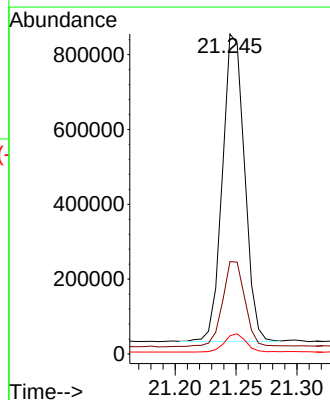
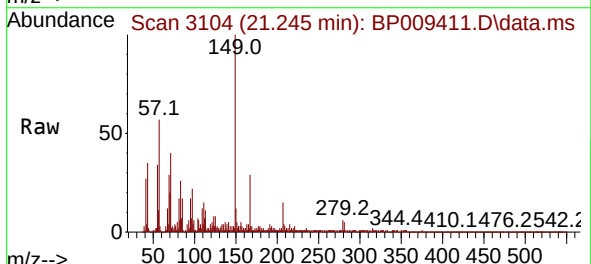
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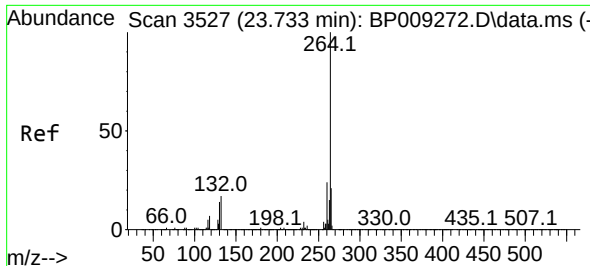
Tgt Ion:244 Resp: 1810449
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.5 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.231 ng
 RT: 21.245 min Scan# 3104
 Delta R.T. -0.012 min
 Lab File: BP009411.D
 Acq: 15 Mar 2022 22:27

Tgt Ion:149 Resp: 1039088
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.6 33.8
 279 5.7 3.8 5.6#

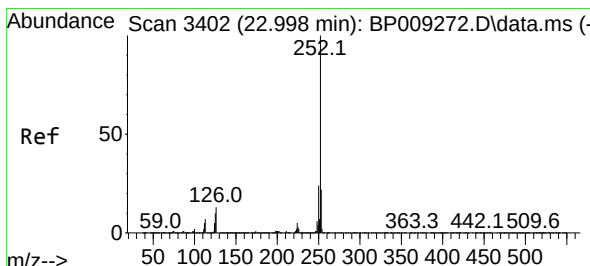
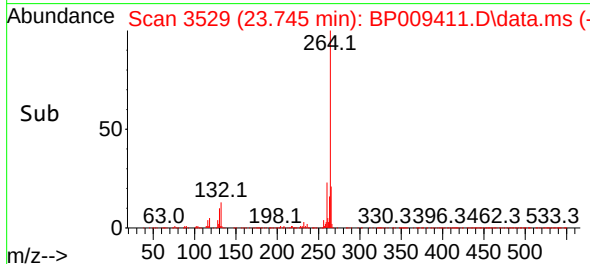
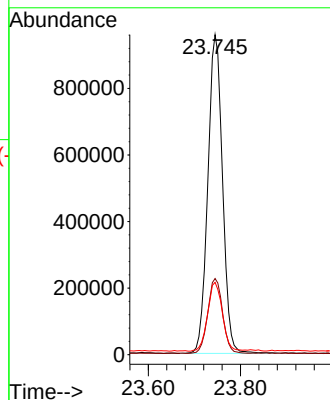
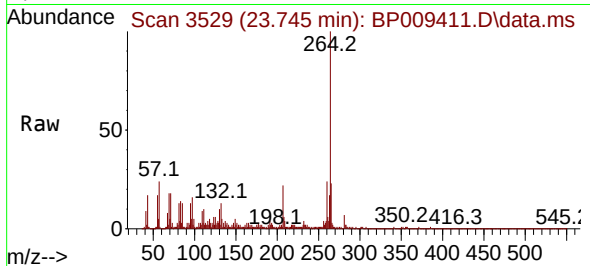




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009411.D
 Acq: 15 Mar 2022 22:27

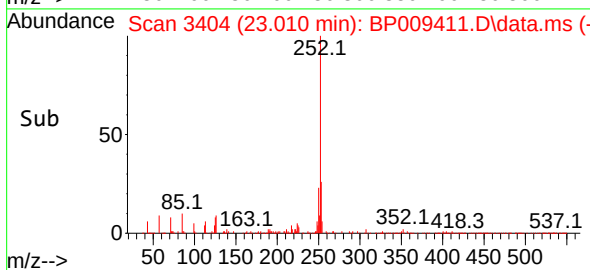
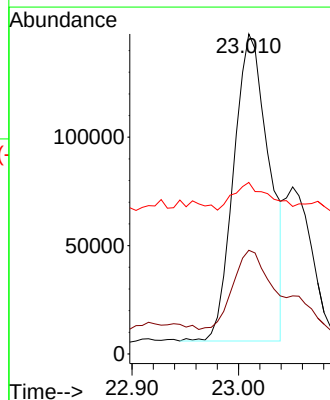
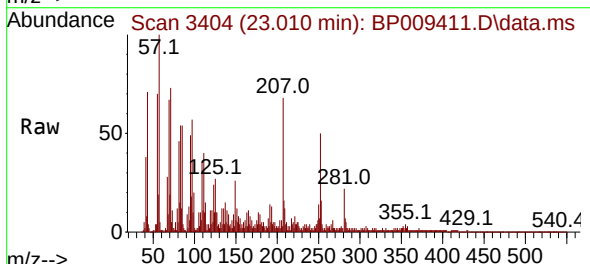
Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26215

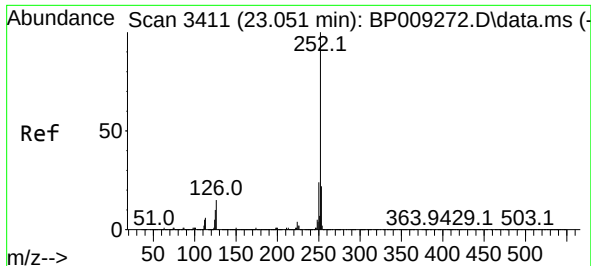
Tgt Ion:264 Resp: 2125549
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.6 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.293 ng
 RT: 23.010 min Scan# 3404
 Delta R.T. 0.012 min
 Lab File: BP009411.D
 Acq: 15 Mar 2022 22:27

Tgt Ion:252 Resp: 329102
 Ion Ratio Lower Upper
 252 100
 253 32.4 17.8 26.8#
 125 53.6 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.400 ng

RT: 23.010 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP009411.D

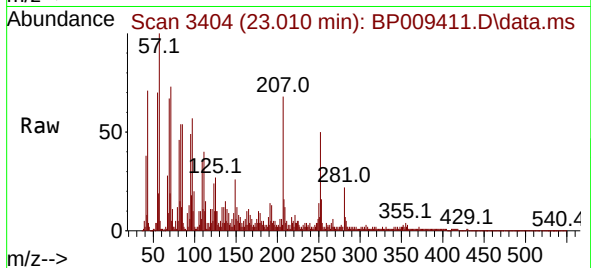
Acq: 15 Mar 2022 22:27

Instrument :

BNA_P

ClientSampleId :

CHRT-26215



Tgt Ion:252 Resp: 329102

Ion Ratio Lower Upper

252 100

253 32.4 17.5 26.3#

125 53.6 8.3 12.5#

