

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007315.D
 Acq On : 04 Oct 2021 20:54
 Operator : CG/JU
 Sample : M4037-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-100121

Quant Time: Oct 05 02:22:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

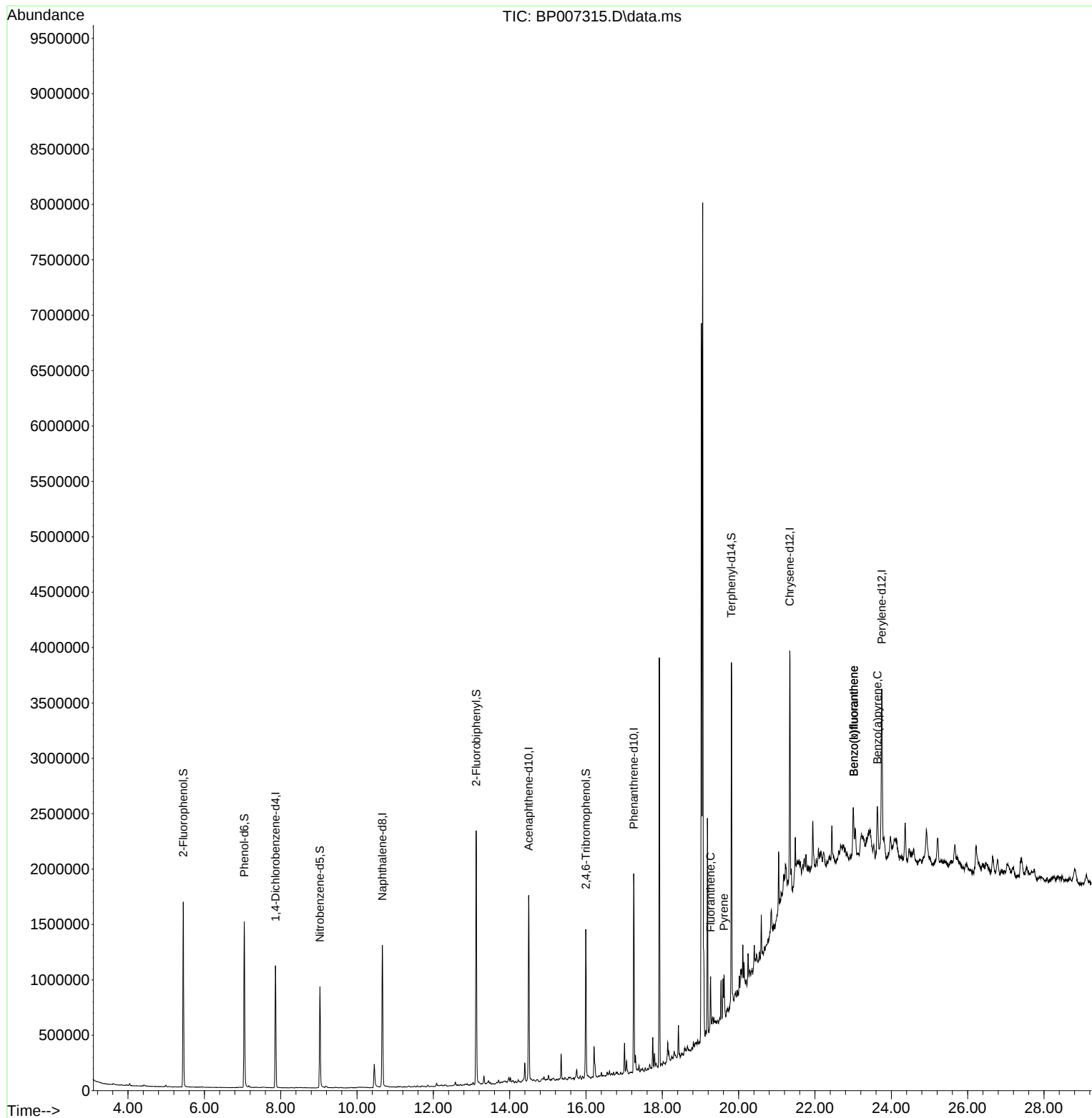
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	306352	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1113430	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	601993	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1098983	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	1055467	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	1127836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	771433	42.152	ng	0.00
7) Phenol-d6	7.046	99	934636	37.366	ng	0.00
23) Nitrobenzene-d5	9.028	82	546725	28.596	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	276803	35.467	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1255916	29.888	ng	0.00
79) Terphenyl-d14	19.810	244	1472243	26.729	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.263	202	229764	3.384	ng	96
78) Pyrene	19.616	202	222055	3.207	ng	98
88) Benzo(b)fluoranthene	23.015	252	168566	2.501	ng	# 74
89) Benzo(k)fluoranthene	23.015	252	168566	2.470	ng	# 74
90) Benzo(a)pyrene	23.639	252	127241	2.222	ng	# 69

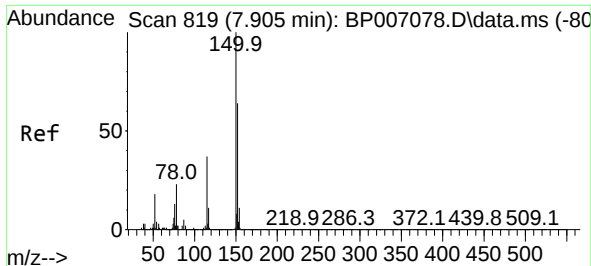
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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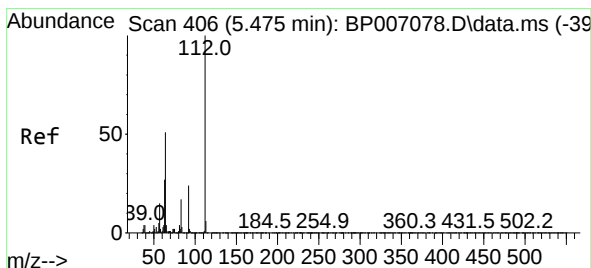
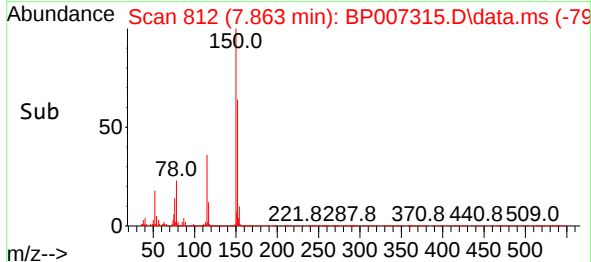
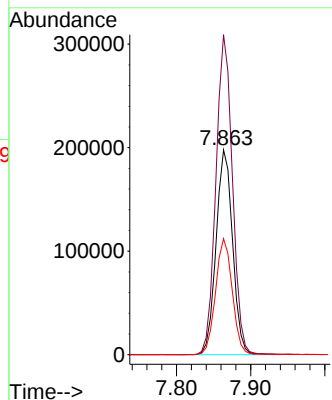
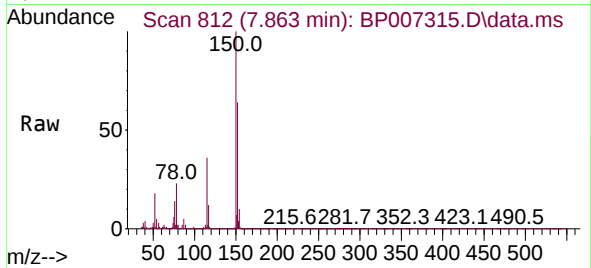




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

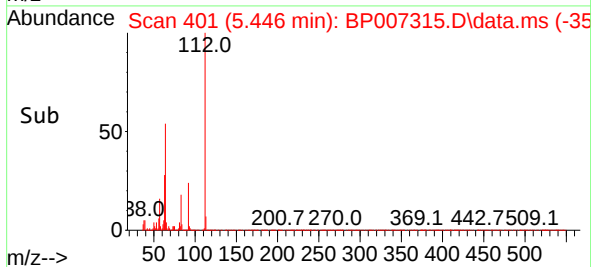
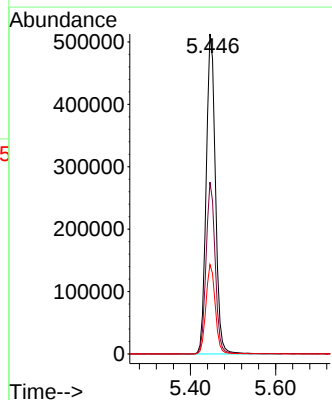
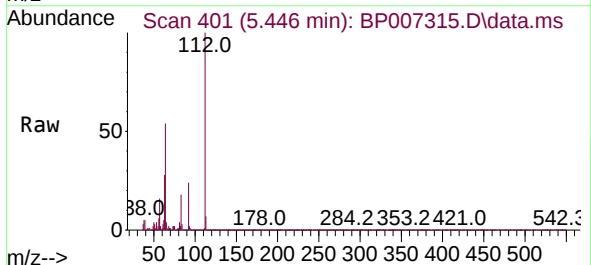
Instrument :
BNA_P
ClientSampleId :
HD-01-100121

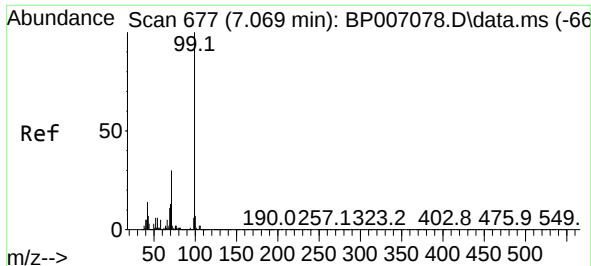
Tgt Ion:152 Resp: 306352
Ion Ratio Lower Upper
152 100
150 156.2 125.6 188.4
115 56.6 48.5 72.7



#5
2-Fluorophenol
Concen: 42.152 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:112 Resp: 771433
Ion Ratio Lower Upper
112 100
64 53.7 41.4 62.2
63 28.0 23.8 35.8

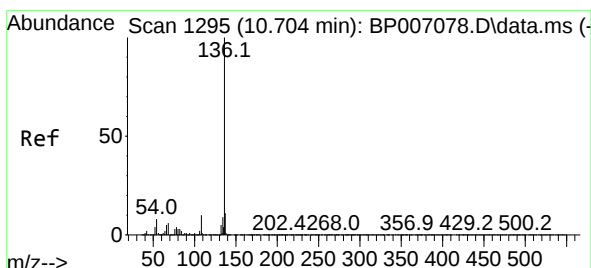
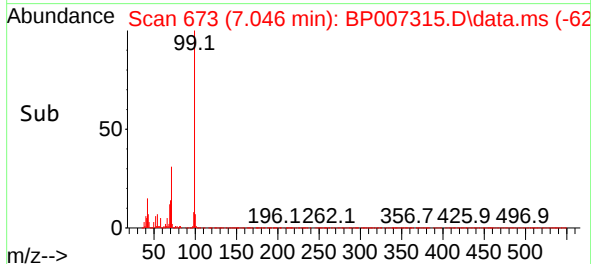
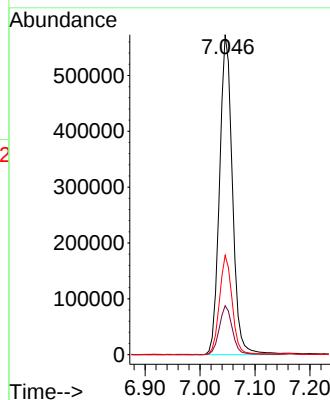
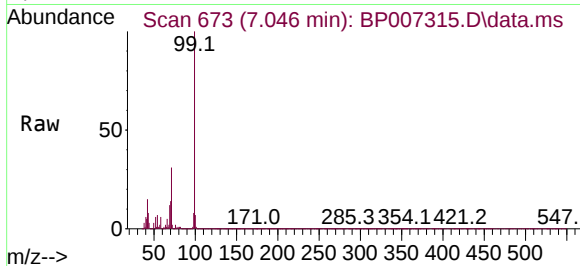




#7
Phenol-d6
Concen: 37.366 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

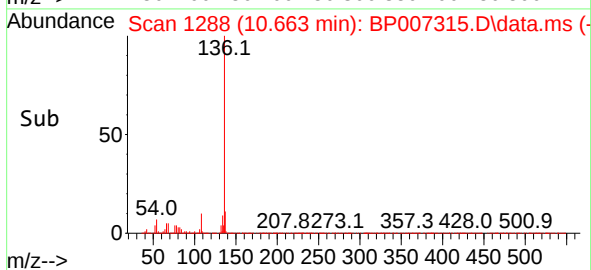
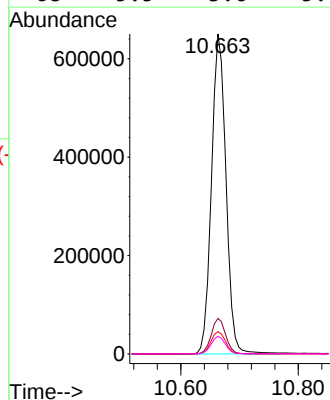
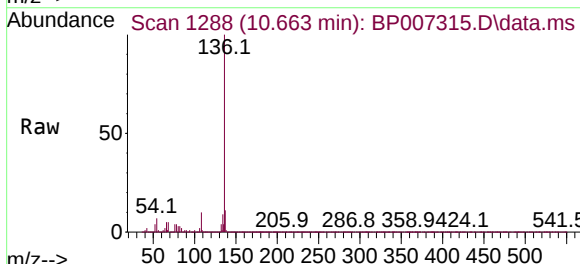
Instrument :
BNA_P
ClientSampleId :
HD-01-100121

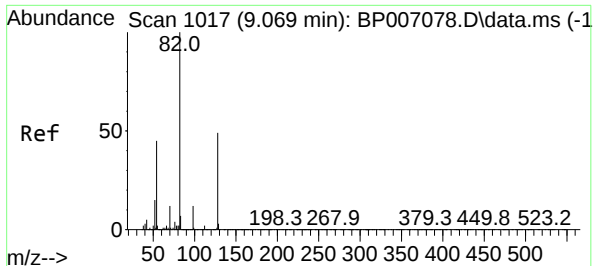
Tgt Ion:	99	Resp:	934636
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.4	20.0
71	31.0	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:	136	Resp:	1113430
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.0	4.6	6.8#
68	5.5	3.6	5.4#

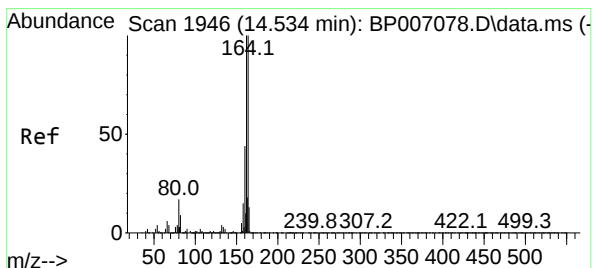
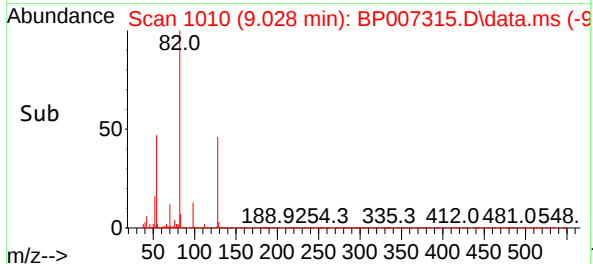
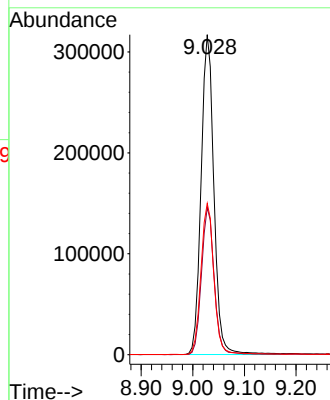
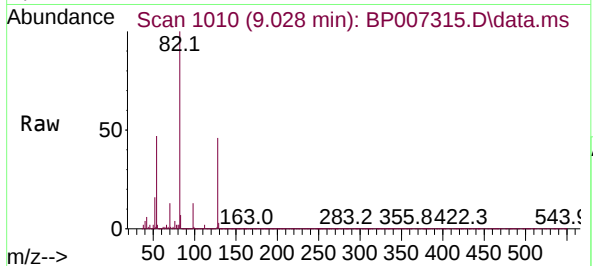




#23
Nitrobenzene-d5
Concen: 28.596 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

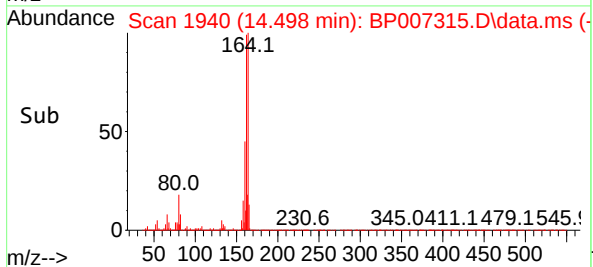
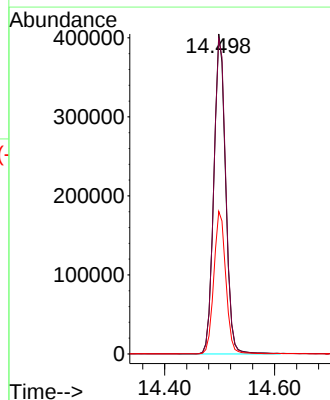
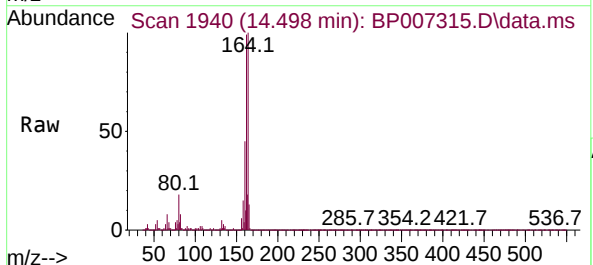
Instrument :
BNA_P
ClientSampleId :
HD-01-100121

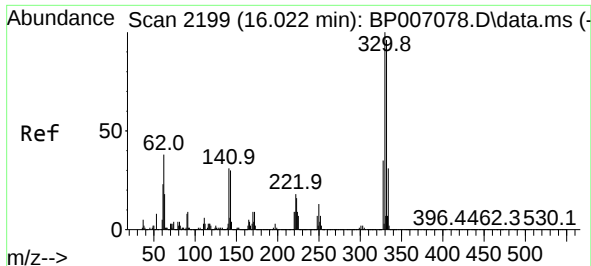
Tgt Ion: 82 Resp: 546725
Ion Ratio Lower Upper
82 100
128 46.0 35.7 53.5
54 47.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion: 164 Resp: 601993
Ion Ratio Lower Upper
164 100
162 98.7 80.2 120.2
160 44.5 34.5 51.7

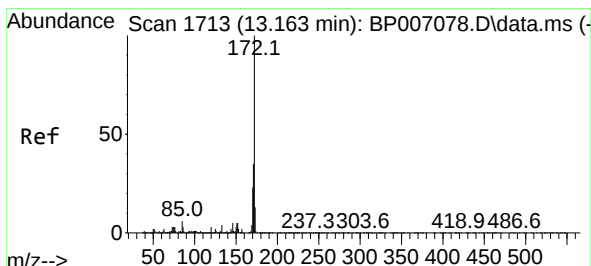
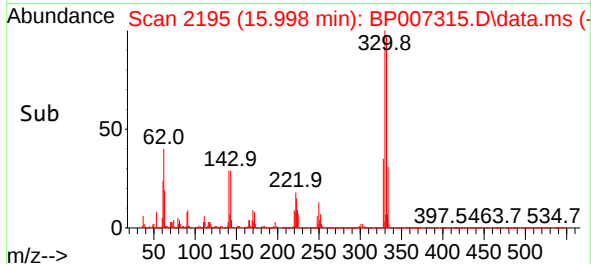
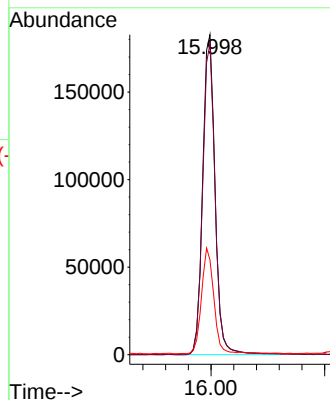
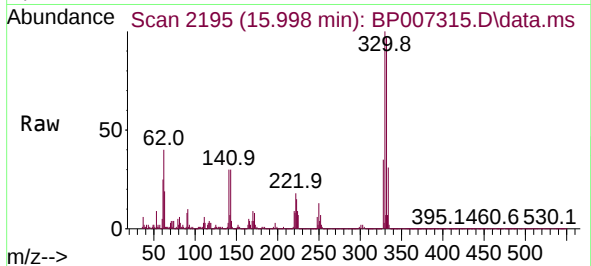




#42
2,4,6-Tribromophenol
Concen: 35.467 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

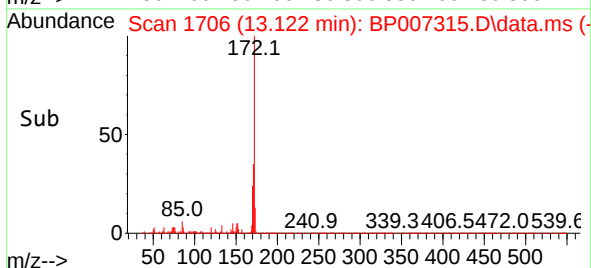
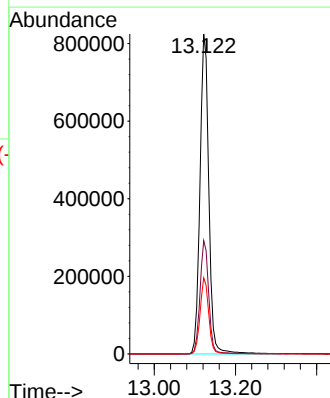
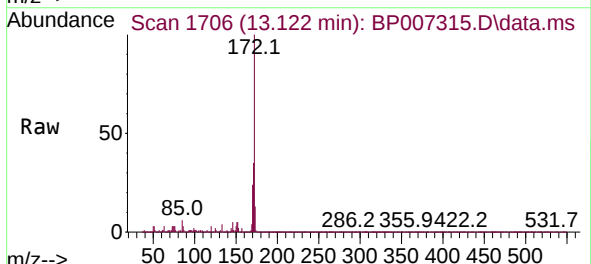
Instrument :
BNA_P
ClientSampleId :
HD-01-100121

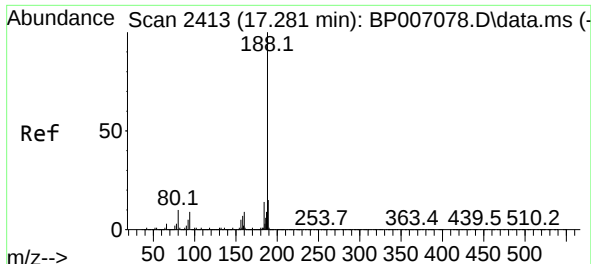
Tgt Ion:330 Resp: 276803
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 32.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 29.888 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:172 Resp: 1255916
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.8 18.6 27.8

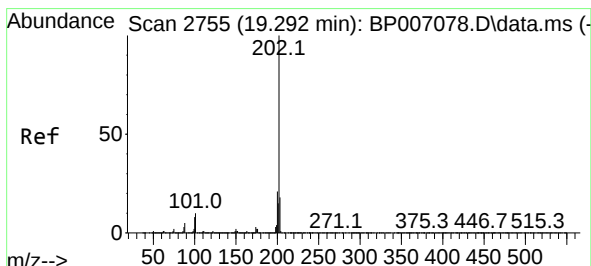
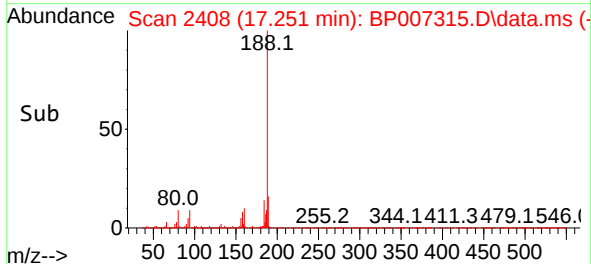
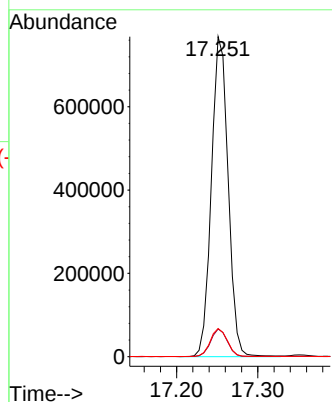
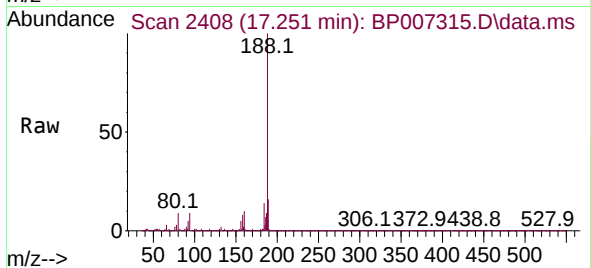




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

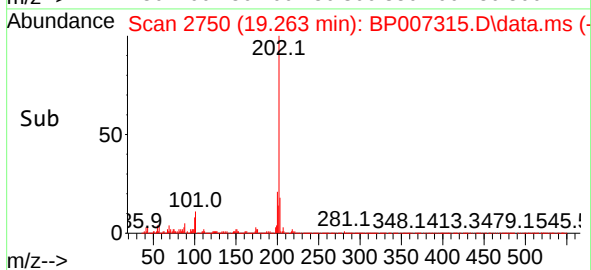
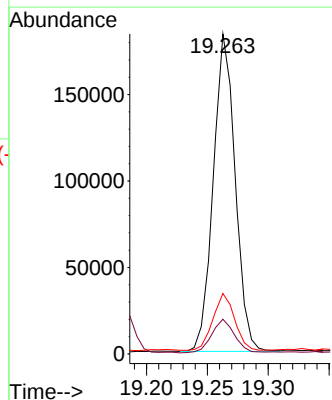
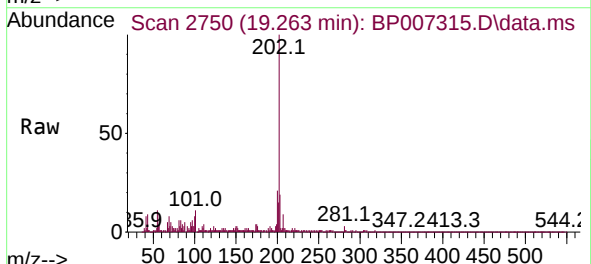
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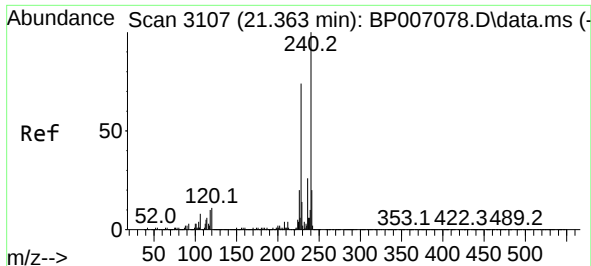
Tgt Ion:188 Resp: 1098983
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 8.8 6.3 9.5



#75
Fluoranthene
Concen: 3.384 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:202 Resp: 229764
Ion Ratio Lower Upper
202 100
101 10.8 0.0 27.6
203 18.9 0.0 37.8

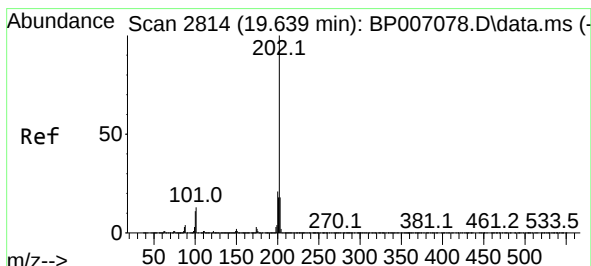
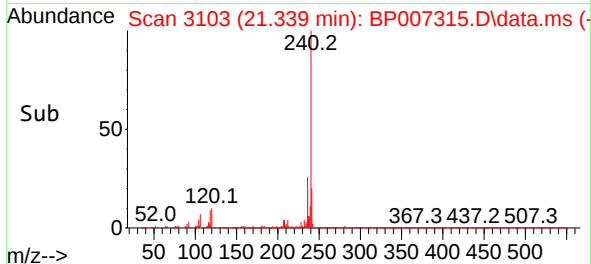
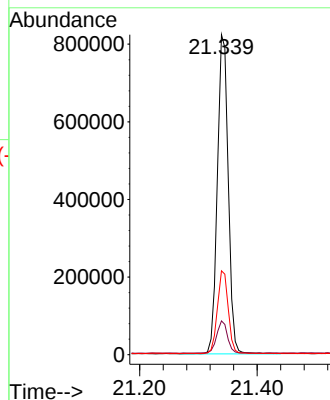
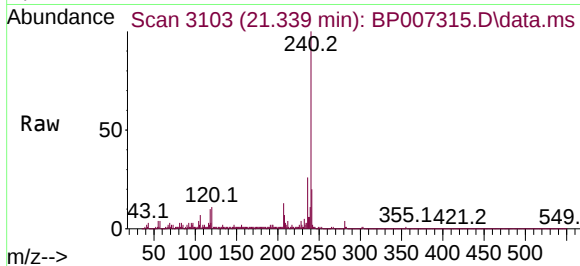




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

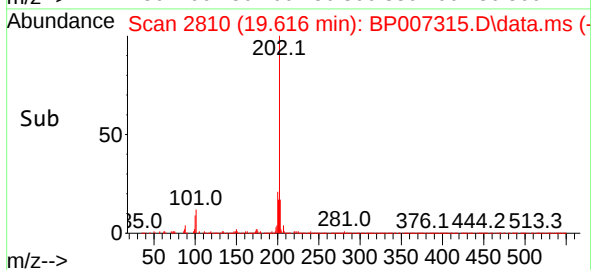
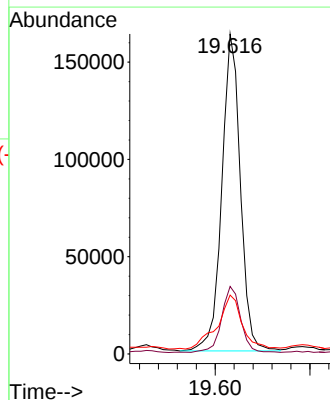
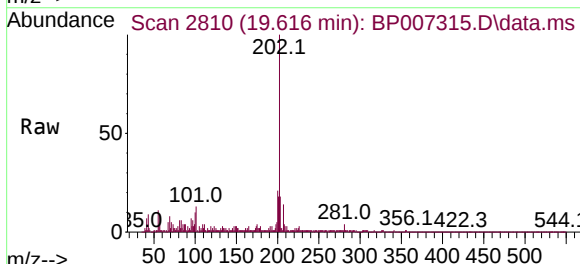
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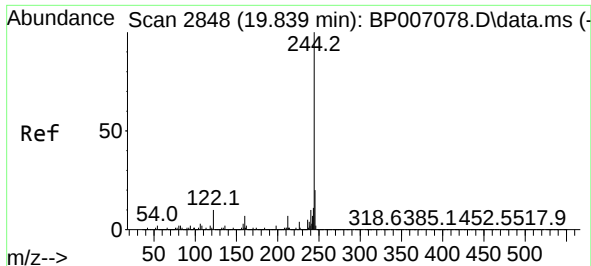
Tgt Ion:240 Resp: 1055467
Ion Ratio Lower Upper
240 100
120 10.5 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 3.207 ng
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:202 Resp: 222055
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 18.4 14.2 21.2

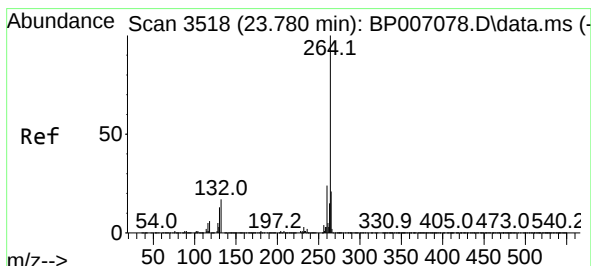
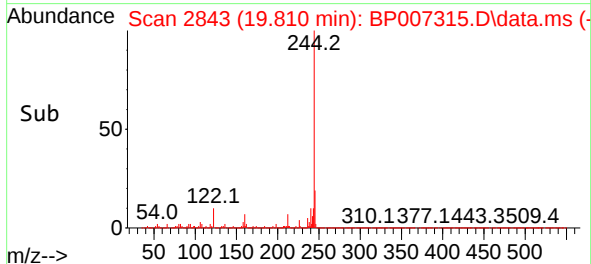
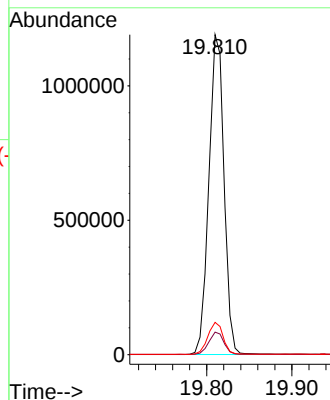
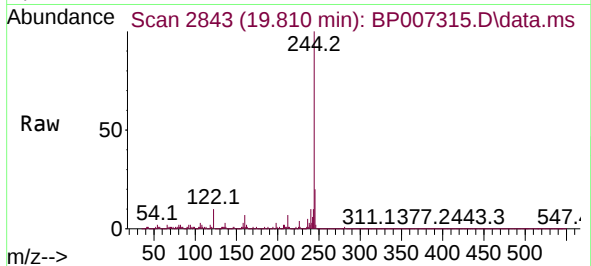




#79
 Terphenyl-d14
 Concen: 26.729 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. 0.000 min
 Lab File: BP007315.D
 Acq: 04 Oct 2021 20:54

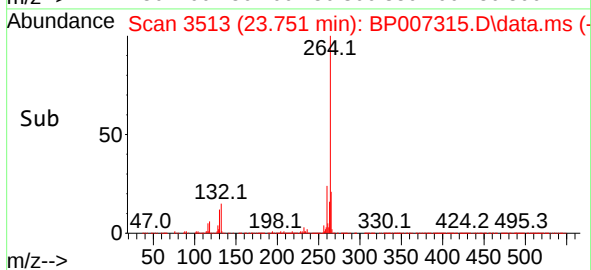
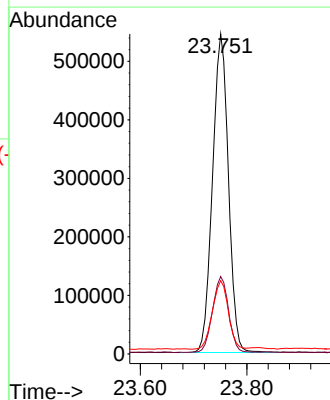
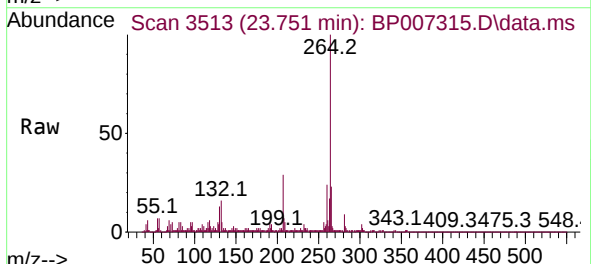
Instrument :
 BNA_P
 ClientSampleId :
 HD-01-100121

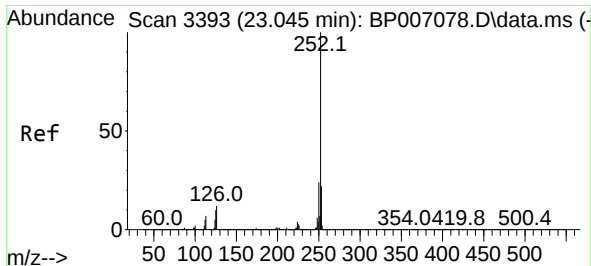
Tgt Ion:244 Resp: 1472243
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. 0.006 min
 Lab File: BP007315.D
 Acq: 04 Oct 2021 20:54

Tgt Ion:264 Resp: 1127836
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.9 17.6 26.4

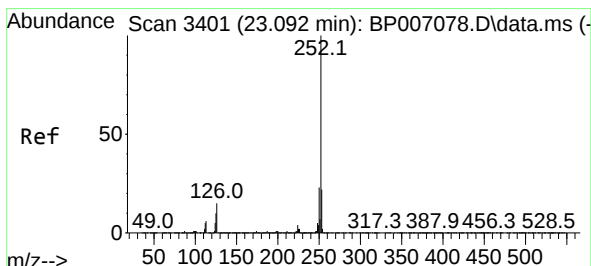
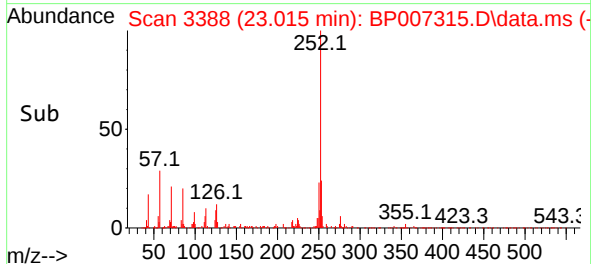
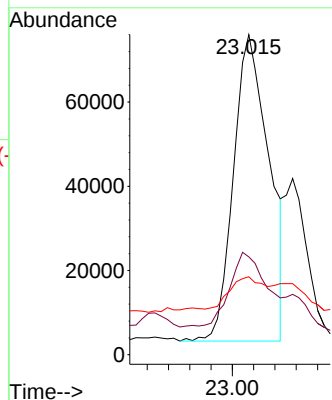
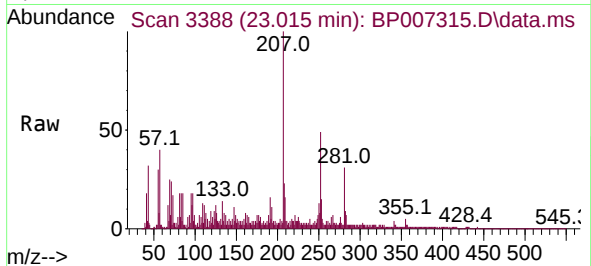




#88
Benzo(b)fluoranthene
Concen: 2.501 ng
RT: 23.015 min Scan# 3388
Delta R.T. 0.006 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

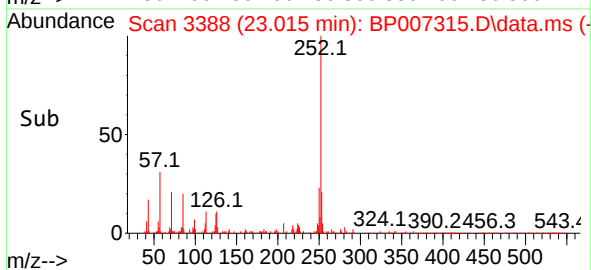
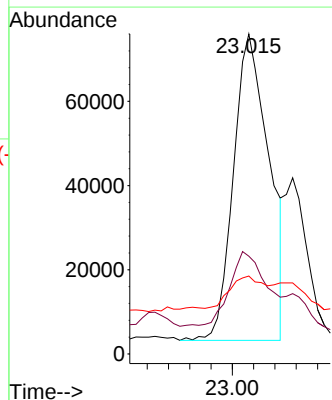
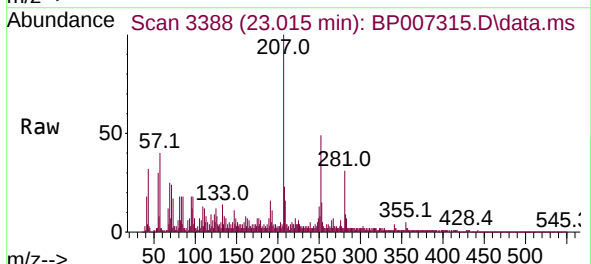
Instrument :
BNA_P
ClientSampleId :
HD-01-100121

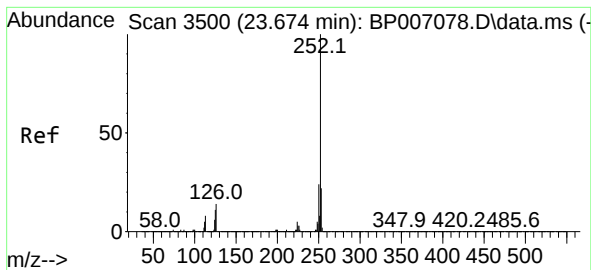
Tgt Ion:252 Resp: 168566
Ion Ratio Lower Upper
252 100
253 30.5 17.5 26.3#
125 24.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.470 ng
RT: 23.015 min Scan# 3388
Delta R.T. -0.041 min
Lab File: BP007315.D
Acq: 04 Oct 2021 20:54

Tgt Ion:252 Resp: 168566
Ion Ratio Lower Upper
252 100
253 30.5 17.6 26.4#
125 24.4 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 2.222 ng

RT: 23.639 min Scan# 3494

Delta R.T. 0.000 min

Lab File: BP007315.D

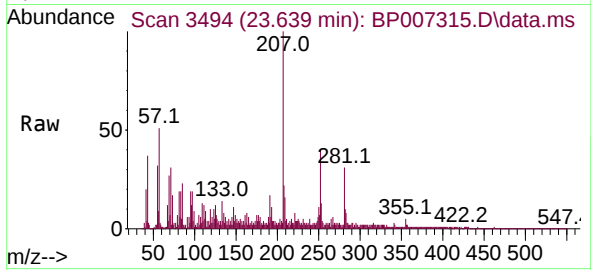
Acq: 04 Oct 2021 20:54

Instrument :

BNA_P

ClientSampleId :

HD-01-100121



Tgt Ion:252 Resp: 127241

Ion Ratio Lower Upper

252 100

253 32.0 17.9 26.9#

125 29.7 6.5 9.7#

