

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008300.D
 Acq On : 09 Dec 2021 03:09
 Operator : CG/JU
 Sample : M4959-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Dec 09 05:49:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

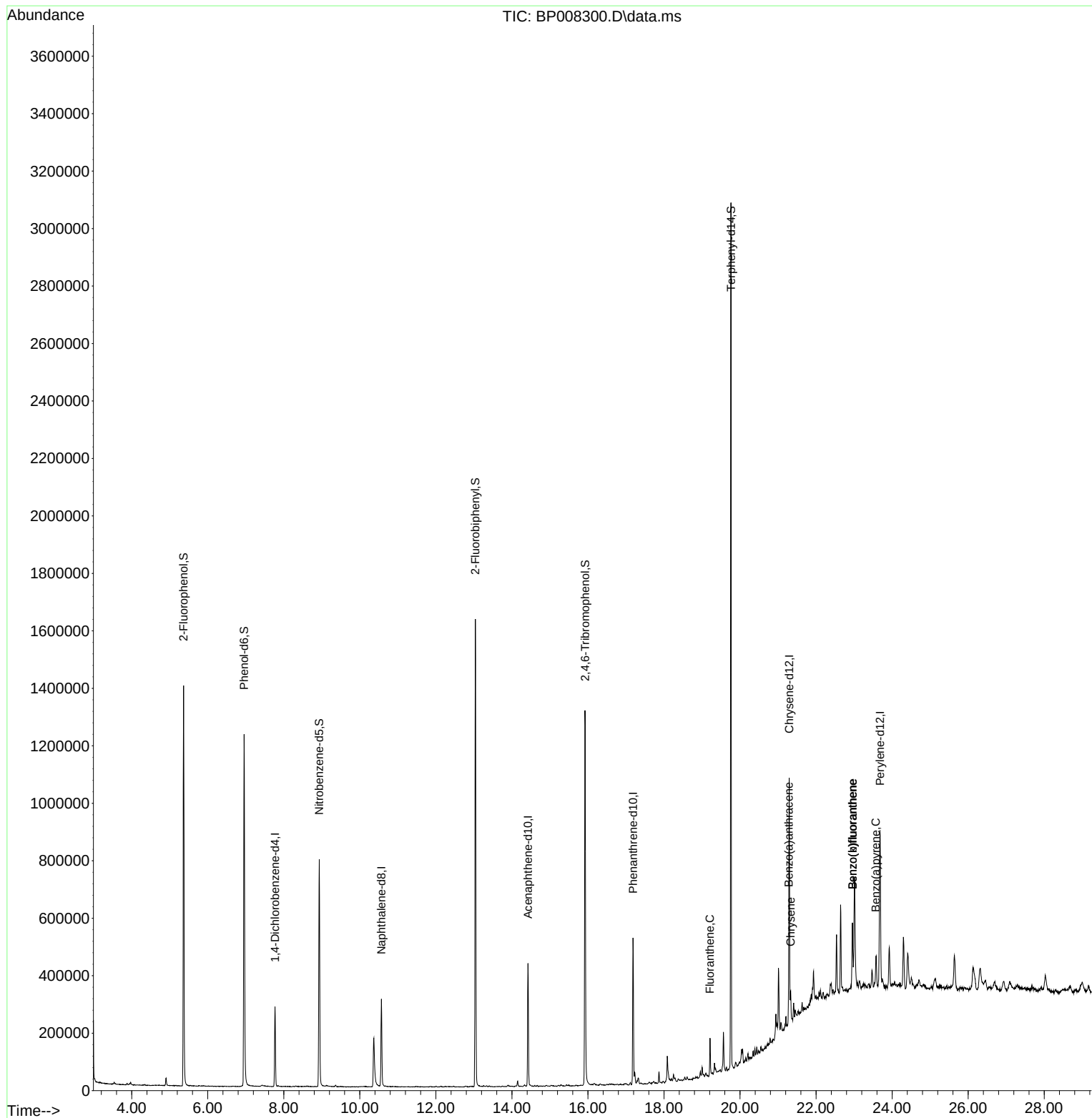
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	69039	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	240595	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	142858	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	310049	20.000	ng	0.00
76) Chrysene-d12	21.292	240	383112	20.000	ng	0.00
86) Perylene-d12	23.680	264	429470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	540371	126.023	ng	0.00
7) Phenol-d6	6.957	99	677398	117.028	ng	0.00
23) Nitrobenzene-d5	8.934	82	470158	88.861	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	248047	135.844	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	819185	83.292	ng	0.00
79) Terphenyl-d14	19.763	244	1343646	73.298	ng	0.00
Target Compounds						
9) Benzaldehyde	6.957	77	2130	Below Cal	Qvalue	# 17
75) Fluoranthene	19.210	202	65550	2.972	ng	97
81) Benzo(a)anthracene	21.280	228	55874	2.201	ng	98
83) Chrysene	21.333	228	68233	2.824	ng	97
88) Benzo(b)fluoranthene	22.963	252	105793	4.086	ng	# 94
89) Benzo(k)fluoranthene	22.963	252	105793	4.174	ng	# 93
90) Benzo(a)pyrene	23.574	252	61572	2.783	ng	# 93

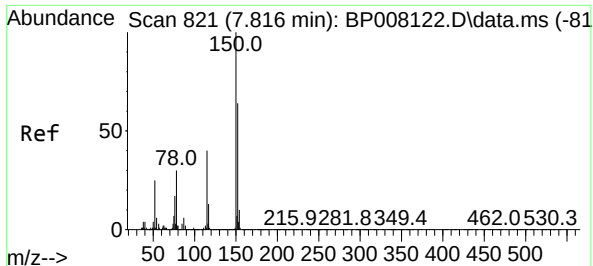
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 09 01:43:36 2021
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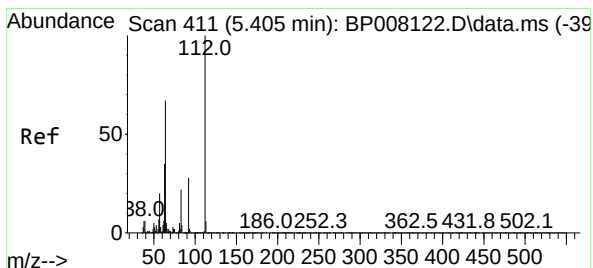
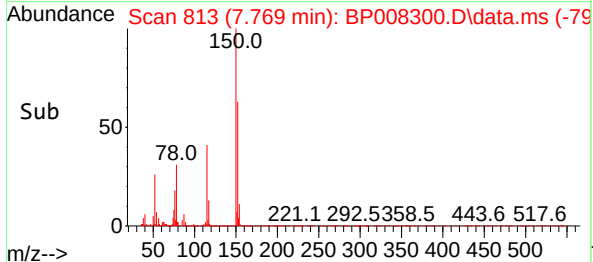
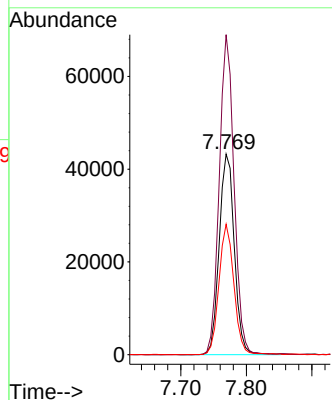
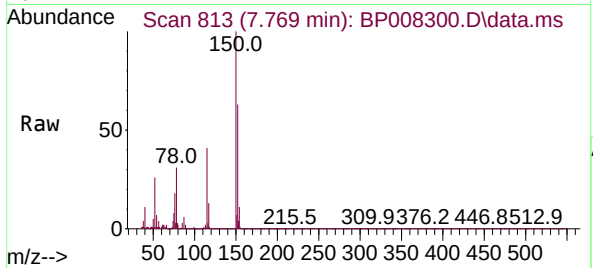




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

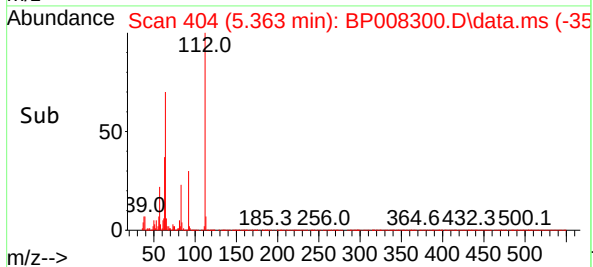
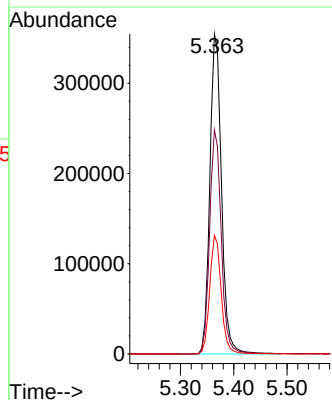
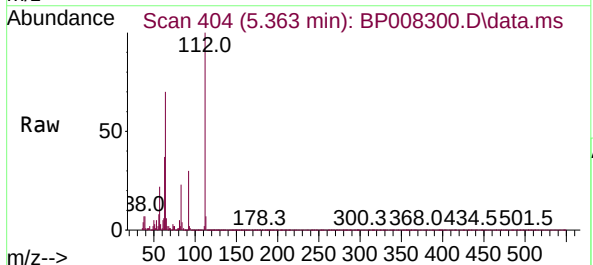
Instrument :
BNA_P
ClientSampleId :
TP-2

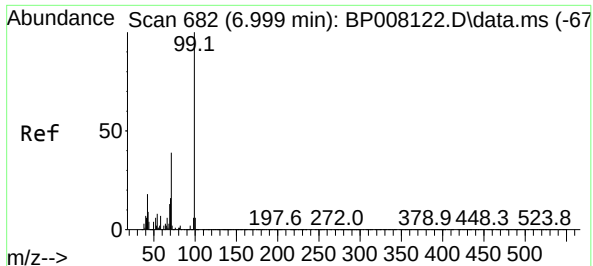
Tgt Ion:152 Resp: 69039
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 65.0 50.7 76.1



#5
2-Fluorophenol
Concen: 126.023 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:112 Resp: 540371
Ion Ratio Lower Upper
112 100
64 70.0 53.4 80.2
63 37.1 27.8 41.8

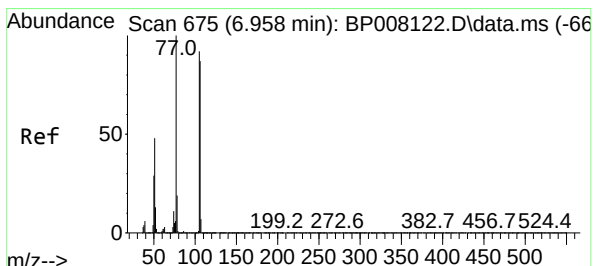
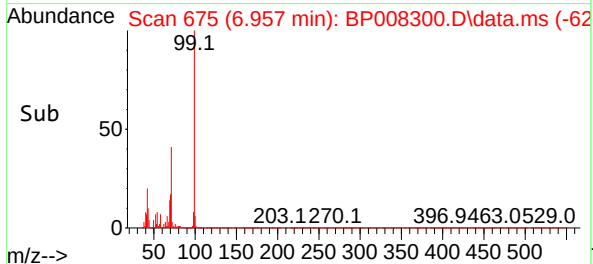
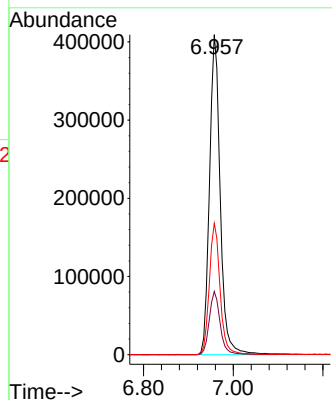
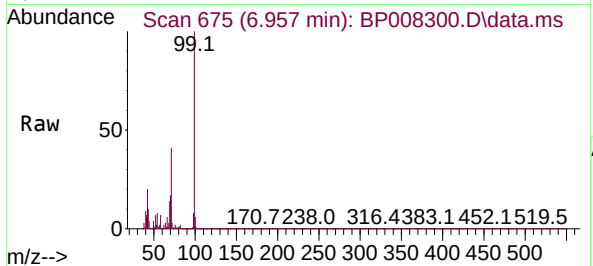




#7
Phenol-d6
Concen: 117.028 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

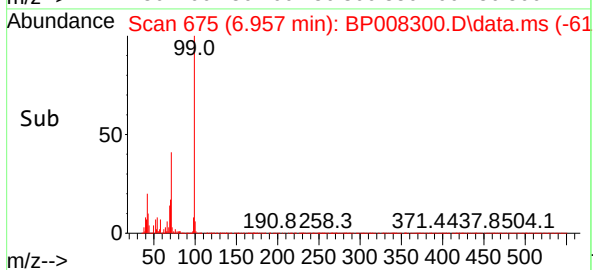
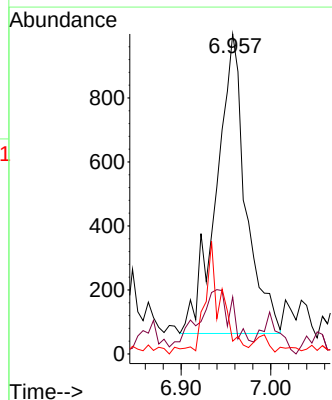
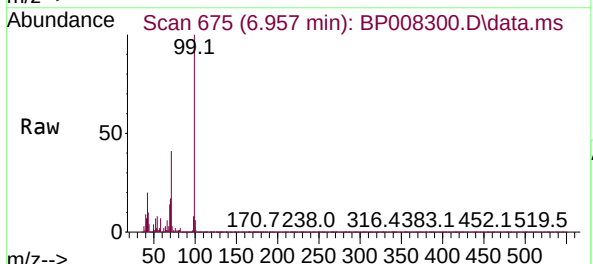
Instrument :
BNA_P
ClientSampleId :
TP-2

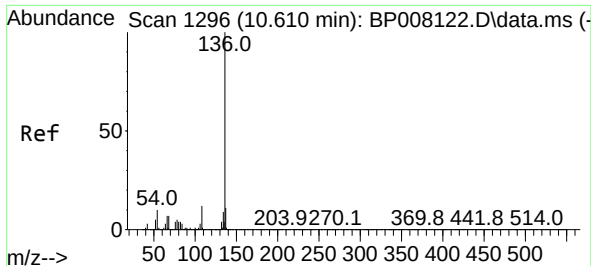
Tgt Ion: 99 Resp: 677398
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 41.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.957 min Scan# 675
Delta R.T. 0.041 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion: 77 Resp: 2130
Ion Ratio Lower Upper
77 100
105 17.8 71.8 111.8#
106 5.6 67.3 107.3#

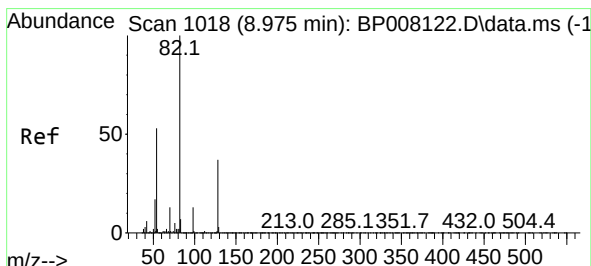
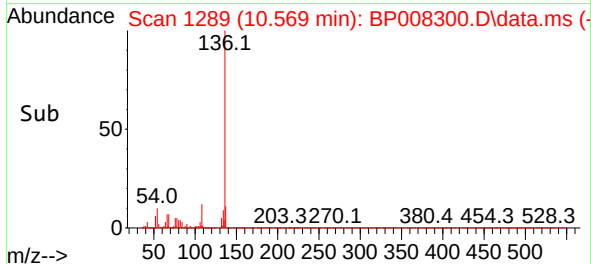
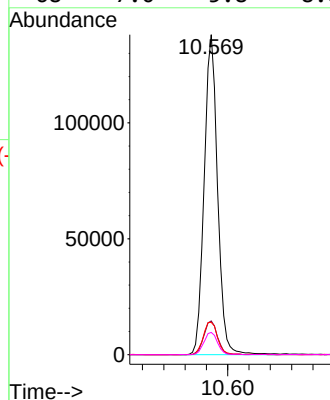
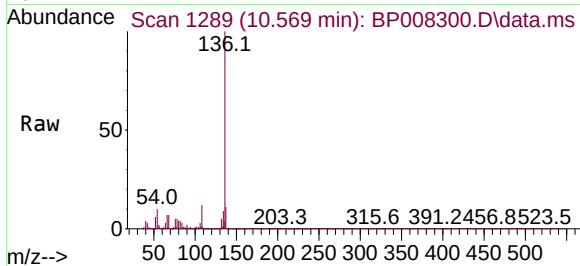




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

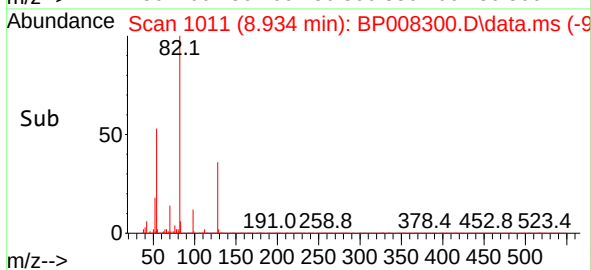
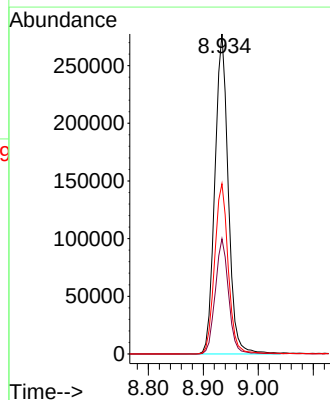
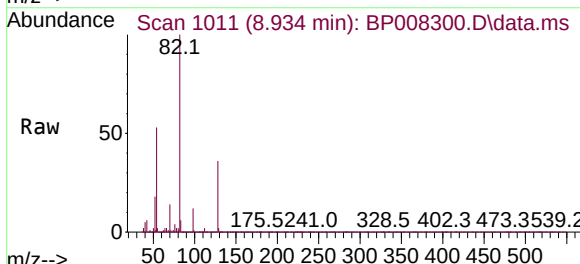
Instrument :
BNA_P
ClientSampleId :
TP-2

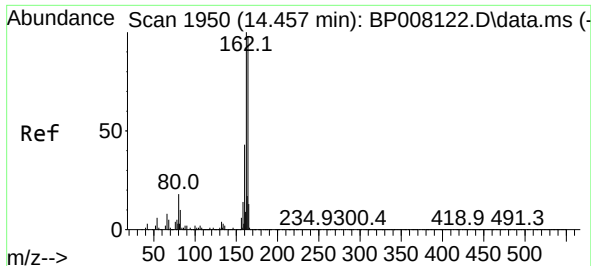
Tgt Ion:	136	Resp:	240595
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	10.1	8.2	12.4
68	7.0	5.8	8.8



#23
Nitrobenzene-d5
Concen: 88.861 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:	82	Resp:	470158
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.6	44.4
54	53.2	42.7	64.1

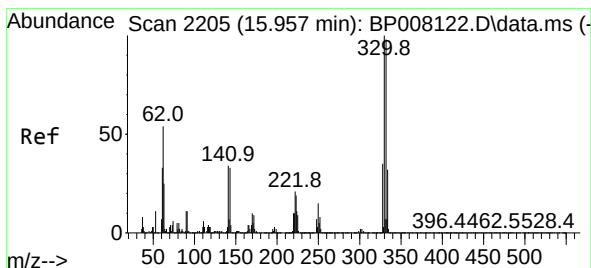
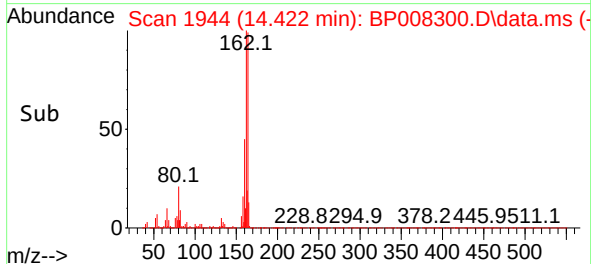
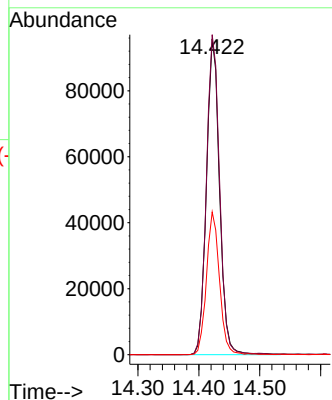
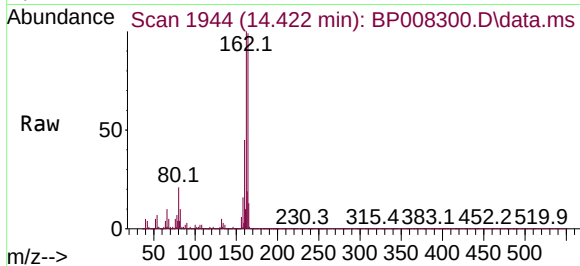




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

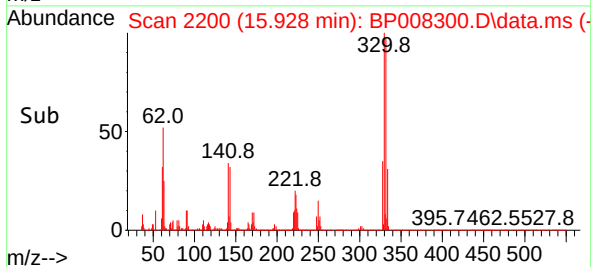
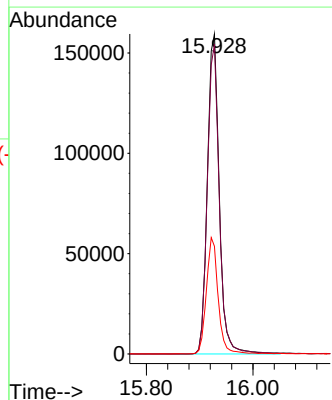
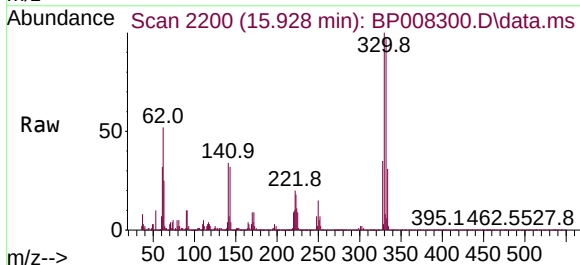
Instrument :
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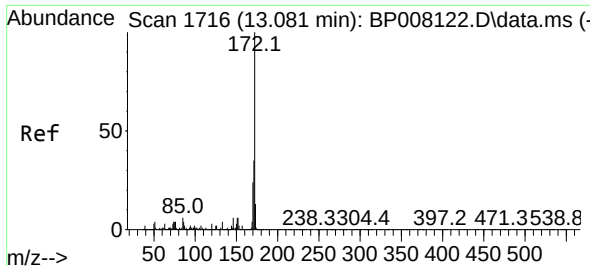
Tgt Ion:164 Resp: 142858
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 135.844 ng
RT: 15.928 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:330 Resp: 248047
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 36.0 28.4 42.6

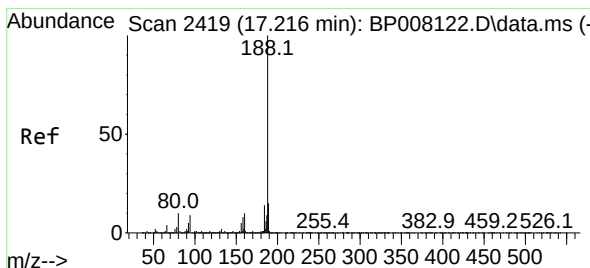
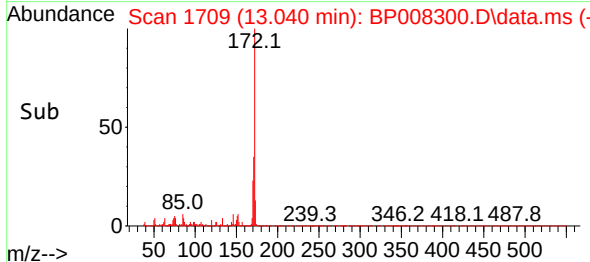
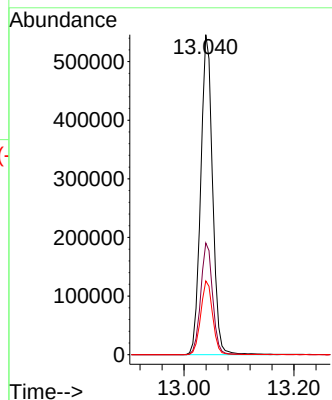
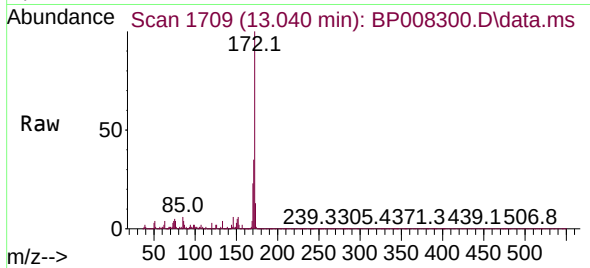




#45
2-Fluorobiphenyl
Concen: 83.292 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

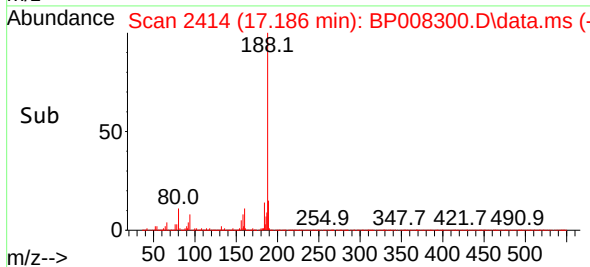
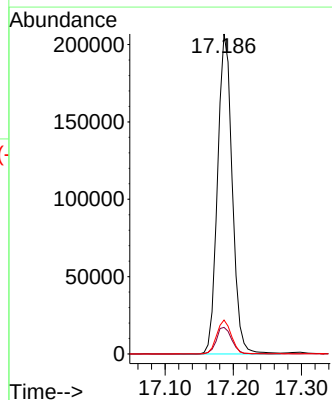
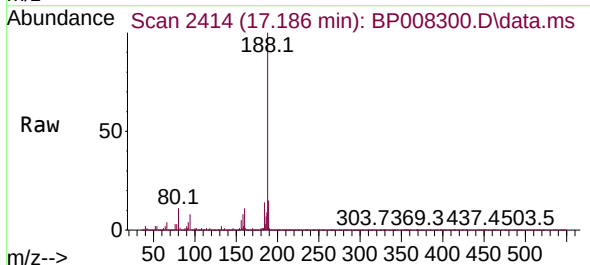
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ClientSampleId :
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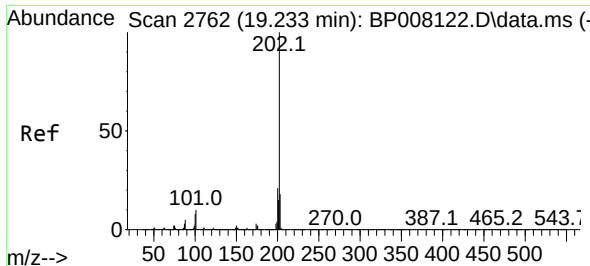
Tgt Ion:172 Resp: 819185
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:188 Resp: 310049
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.6 8.2 12.4

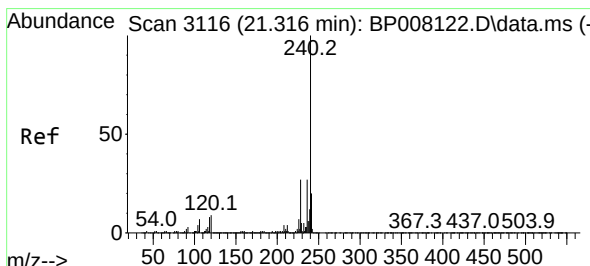
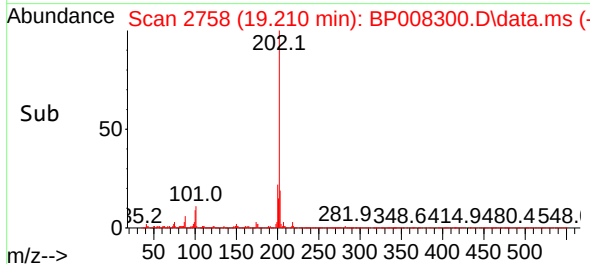
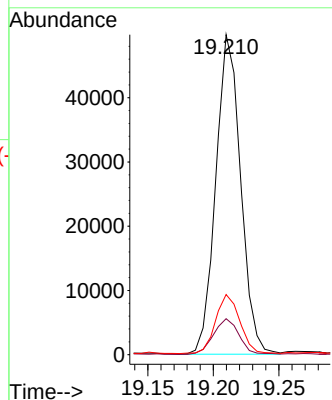
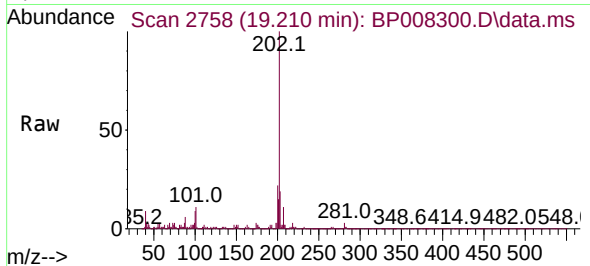




#75
Fluoranthene
Concen: 2.972 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

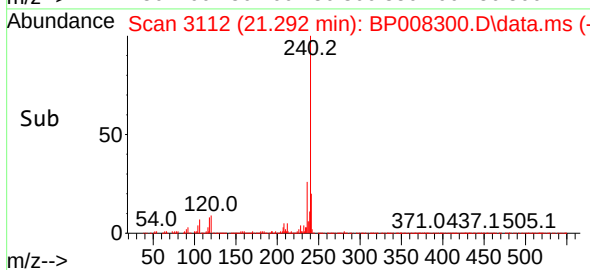
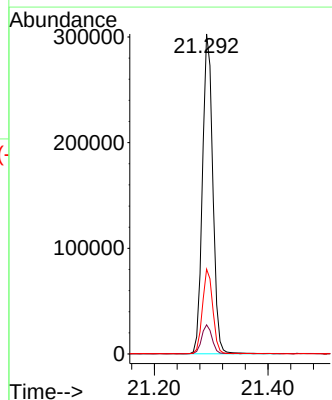
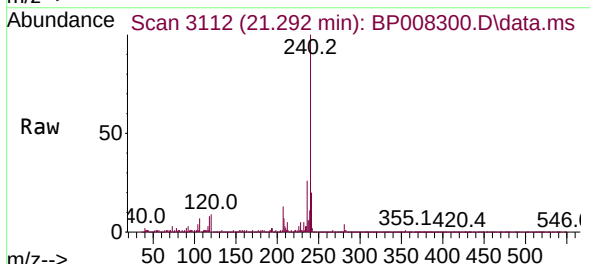
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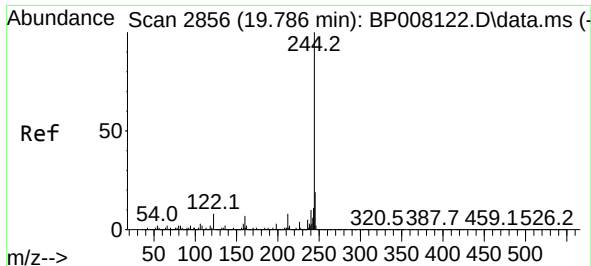
Tgt Ion:	202	Resp:	65550
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	29.8
203	18.8	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:	240	Resp:	383112
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.3	10.9
236	26.5	21.4	32.2

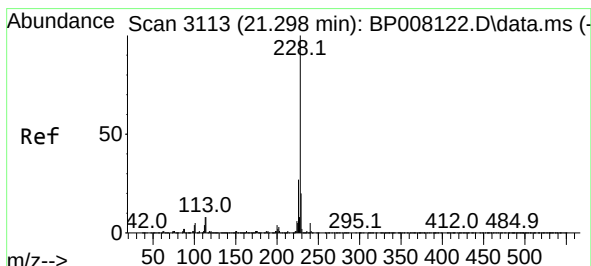
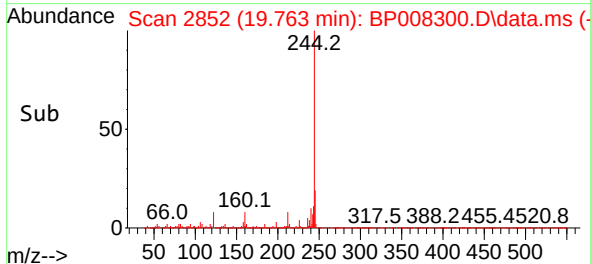
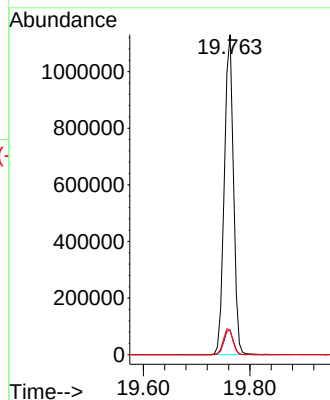
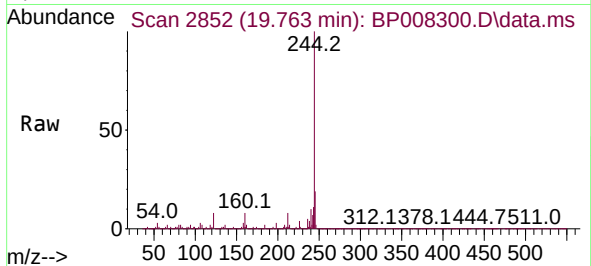




#79
 Terphenyl-d14
 Concen: 73.298 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008300.D
 Acq: 09 Dec 2021 03:09

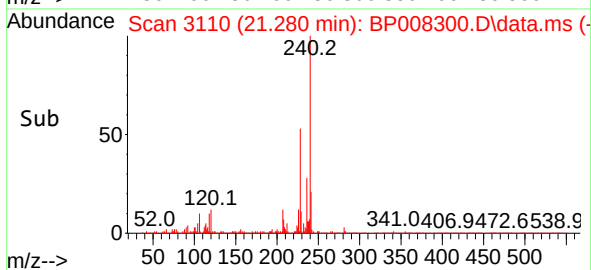
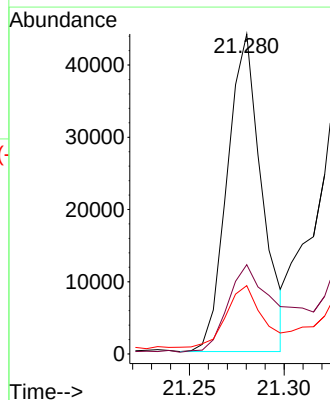
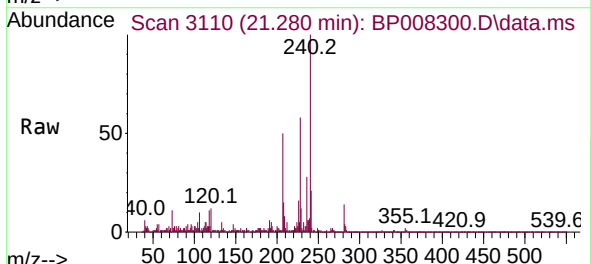
Instrument :
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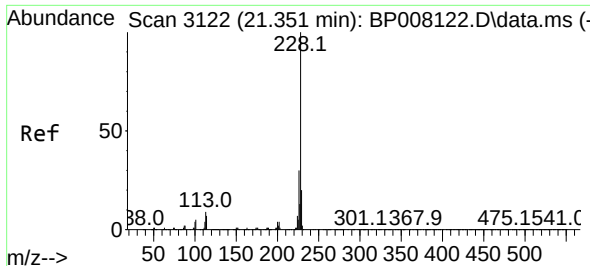
Tgt Ion:244 Resp: 1343646
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.6 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 2.201 ng
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BP008300.D
 Acq: 09 Dec 2021 03:09

Tgt Ion:228 Resp: 55874
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.9 32.9
 229 21.3 15.9 23.9

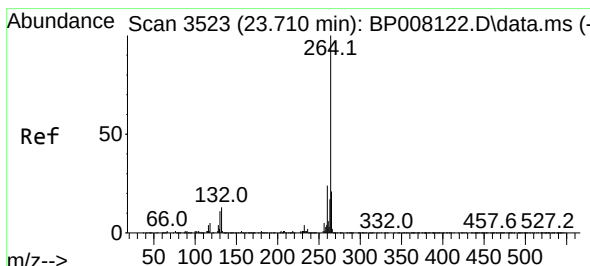
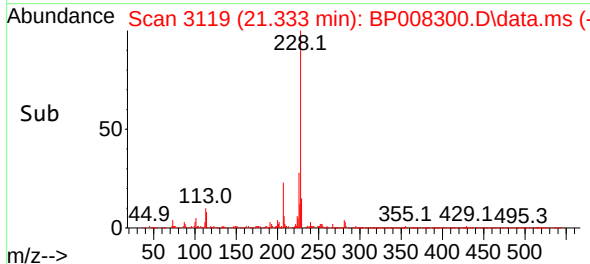
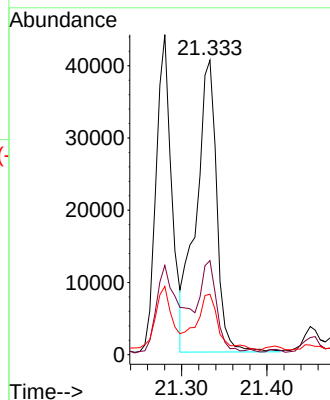
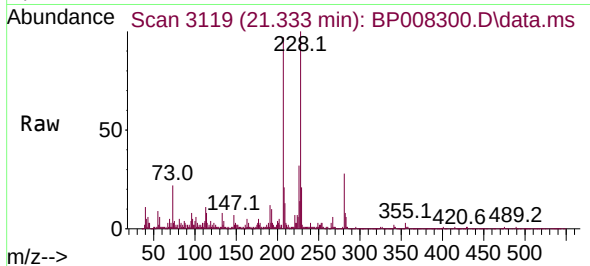




#83
Chrysene
Concen: 2.824 ng
RT: 21.333 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

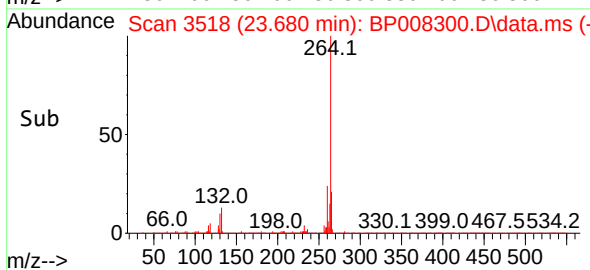
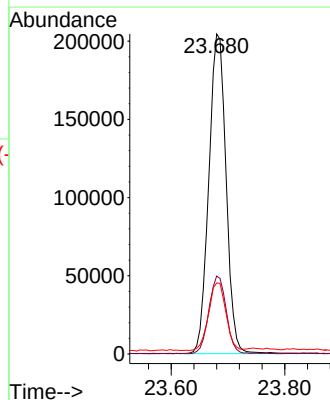
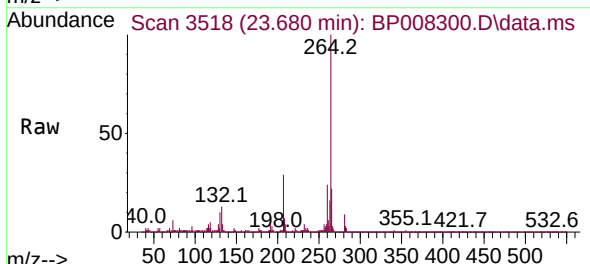
Instrument :
BNA_P
ClientSampleId :
TP-2

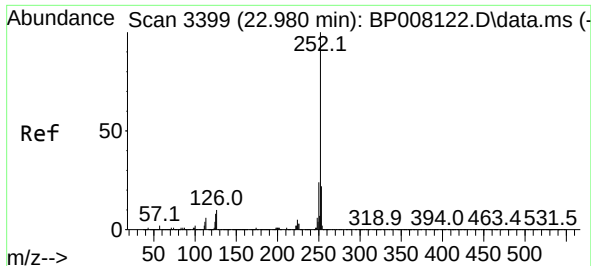
Tgt Ion:	228	Resp:	68233
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.0	36.0
229	20.6	15.8	23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:	264	Resp:	429470
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	22.2	17.6	26.4

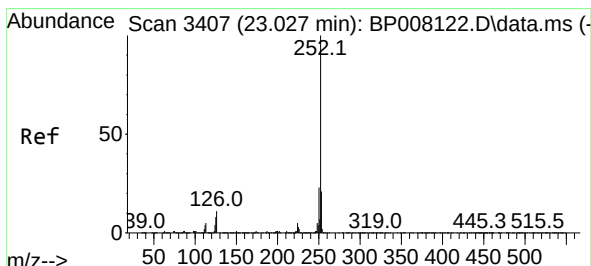
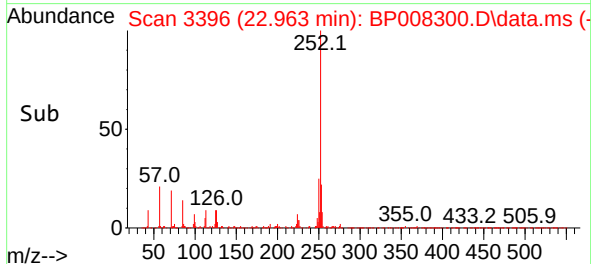
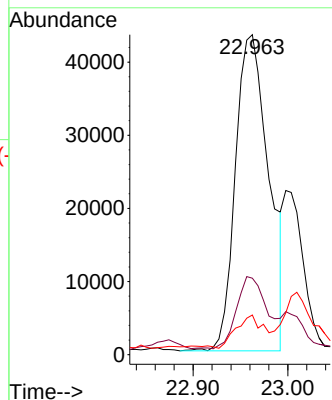
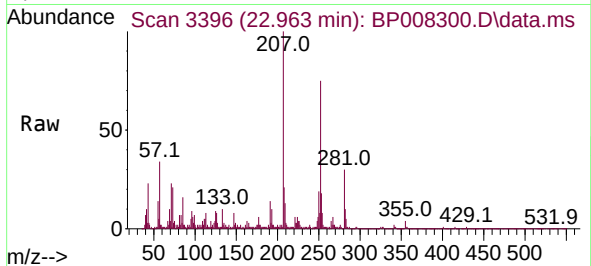




#88
Benzo(b)fluoranthene
Concen: 4.086 ng
RT: 22.963 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

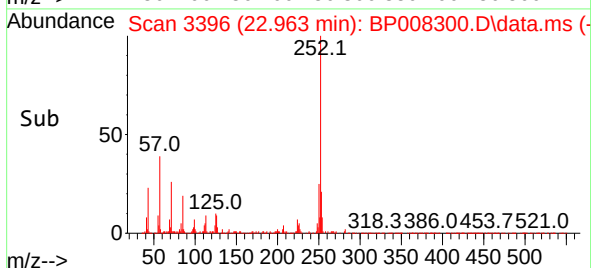
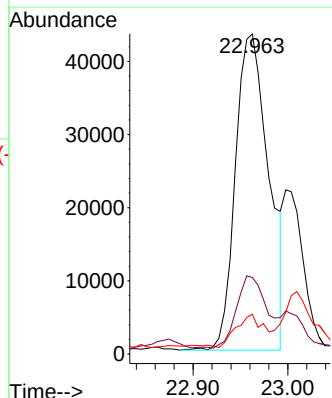
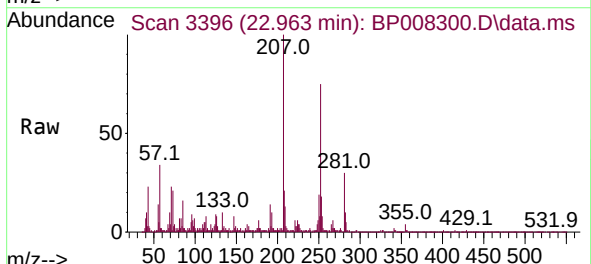
Instrument :
BNA_P
ClientSampleId :
TP-2

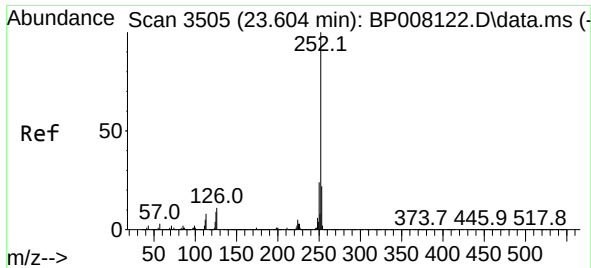
Tgt Ion:252 Resp: 105793
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.174 ng
RT: 22.963 min Scan# 3396
Delta R.T. -0.047 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

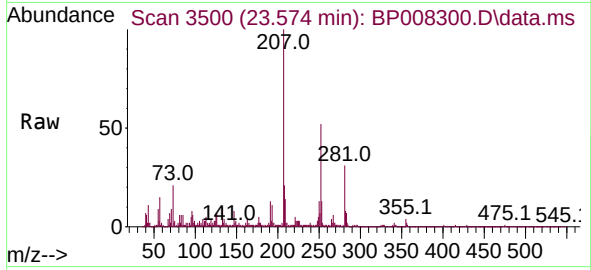
Tgt Ion:252 Resp: 105793
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 12.4 6.5 9.7#





#90
Benzo(a)pyrene
Concen: 2.783 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Instrument :
BNA_P
ClientSampleId :
TP-2



Tgt Ion:252 Resp: 61572
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 11.7 7.4 11.0#

