

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
 Data File : BP008958.D
 Acq On : 27 Jan 2022 21:57
 Operator : CG/JU
 Sample : N1285-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LBS-LBS-STOCK

Quant Time: Jan 28 02:20:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

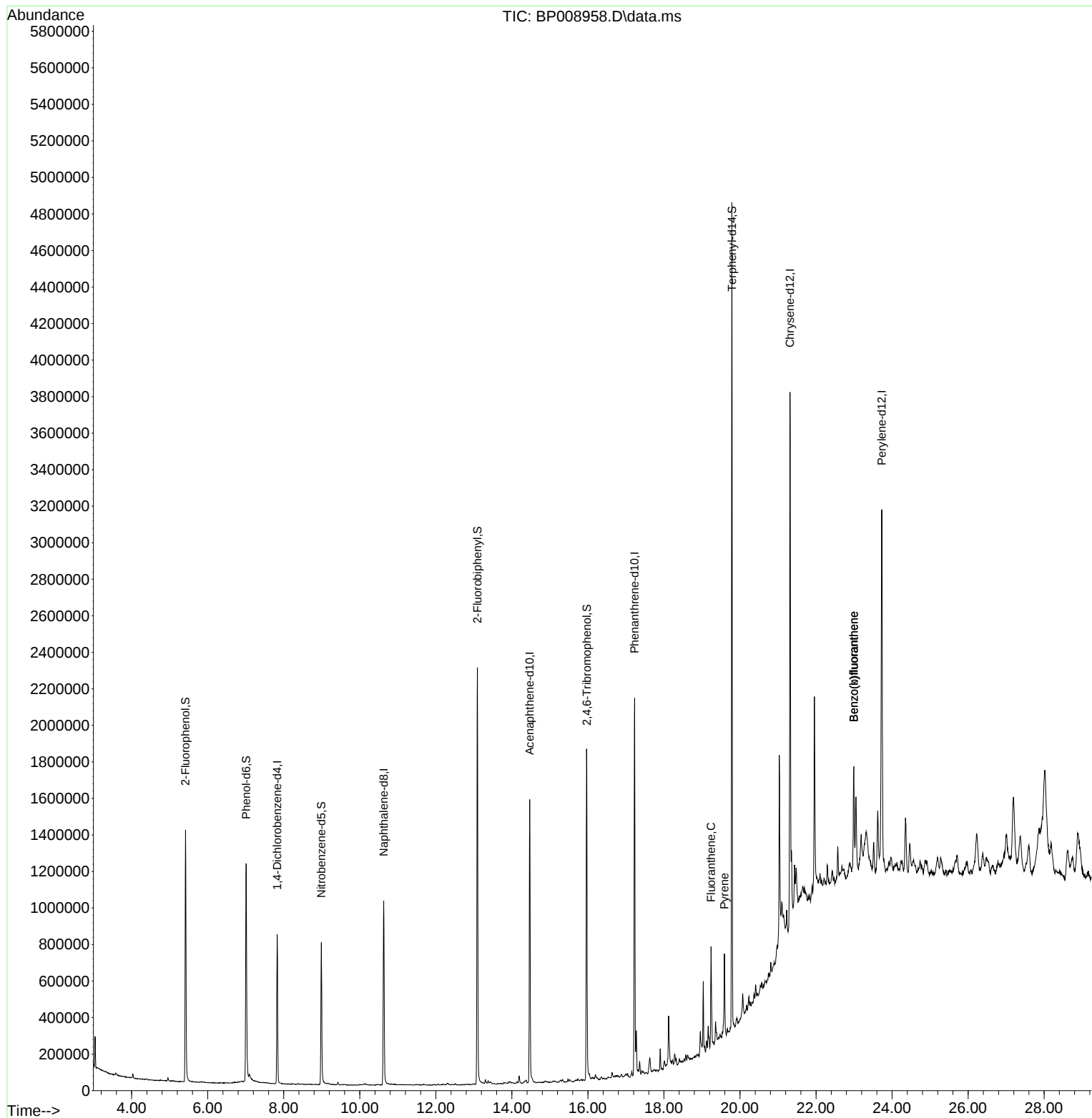
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	244974	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	937055	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	608889	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	1318860	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1409565	20.000	ng	-0.02
86) Perylene-d12	23.727	264	1506953	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	685865	43.296	ng	-0.01
7) Phenol-d6	7.011	99	837481	43.657	ng	-0.01
23) Nitrobenzene-d5	8.987	82	507235	30.732	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	410628	46.331	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	1316071	28.504	ng	-0.01
79) Terphenyl-d14	19.786	244	2094799	25.085	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.239	202	306873	3.716	ng	97
78) Pyrene	19.592	202	299673	3.047	ng	97
88) Benzo(b)fluoranthene	22.992	252	287374	2.856	ng	# 92
89) Benzo(k)fluoranthene	22.992	252	287374	2.950	ng	# 92

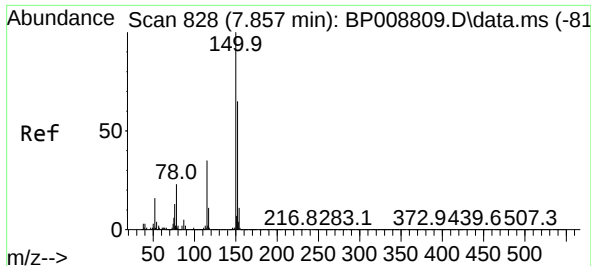
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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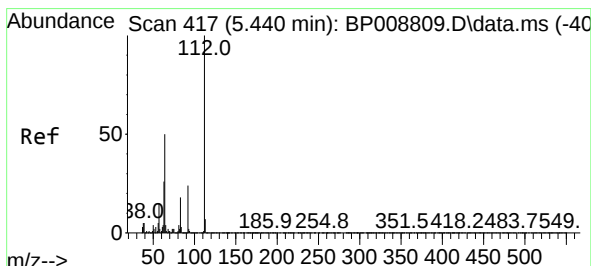
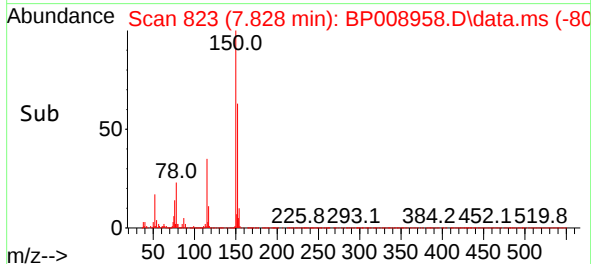
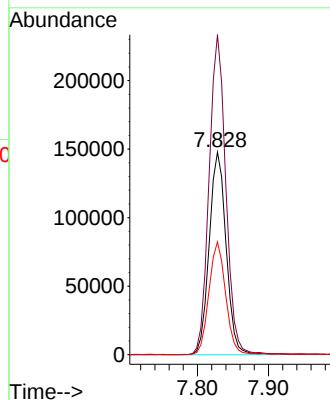
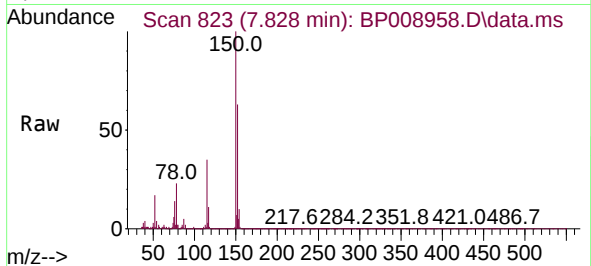




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

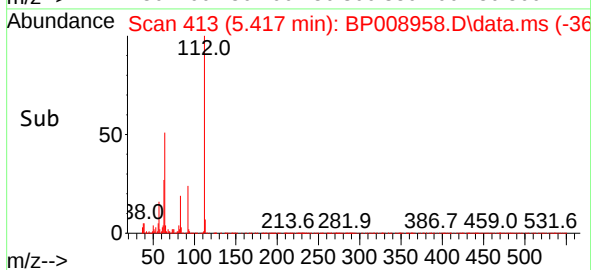
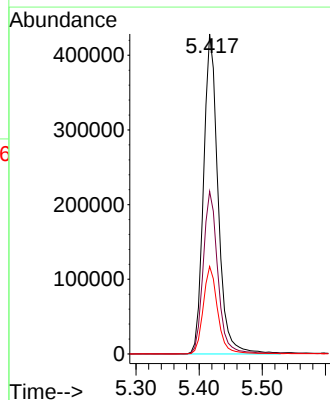
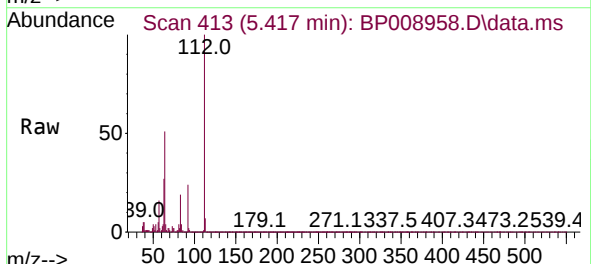
Instrument :
BNA_P
ClientSampleId :
LBS-LBS-STOCK

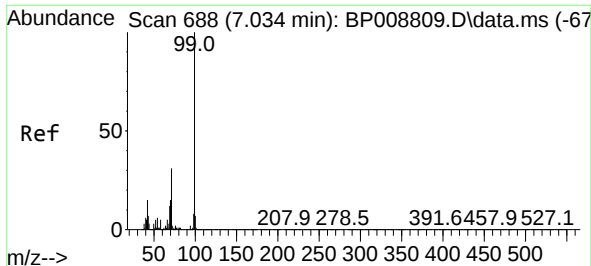
Tgt Ion:152 Resp: 244974
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 55.7 43.7 65.5



#5
2-Fluorophenol
Concen: 43.296 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion:112 Resp: 685865
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 27.3 20.0 30.0

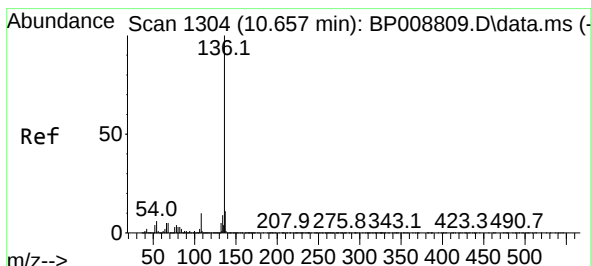
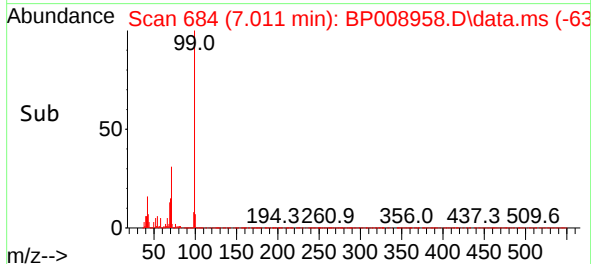
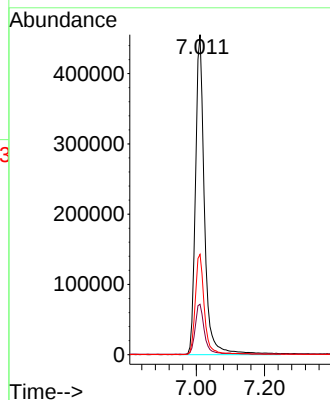
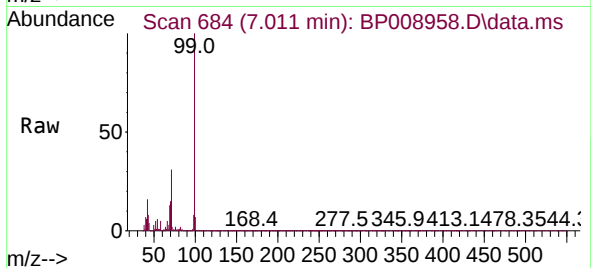




#7
Phenol-d6
Concen: 43.657 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

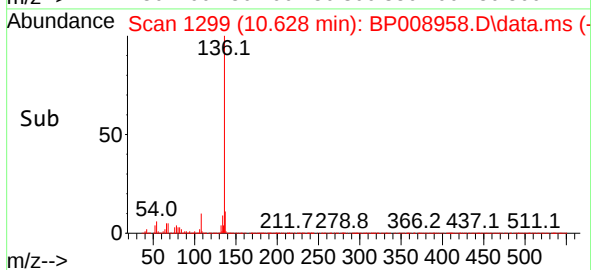
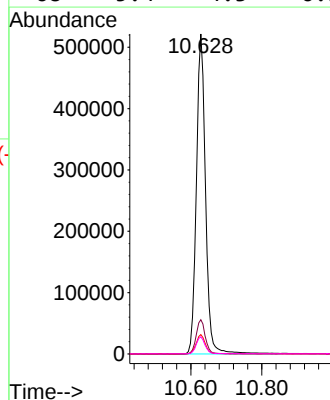
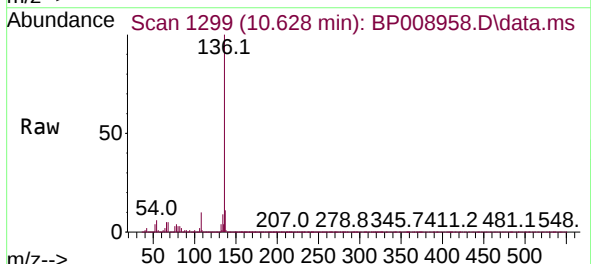
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BNA_P
ClientSampleId :
LBS-LBS-STOCK

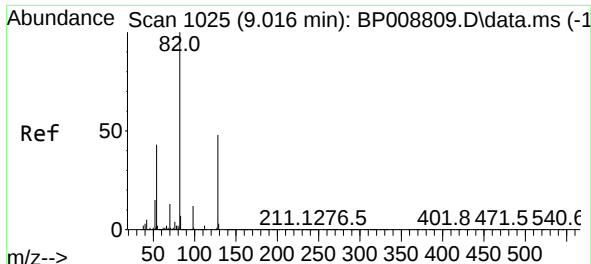
Tgt Ion: 99 Resp: 837481
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 31.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion: 136 Resp: 937055
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5

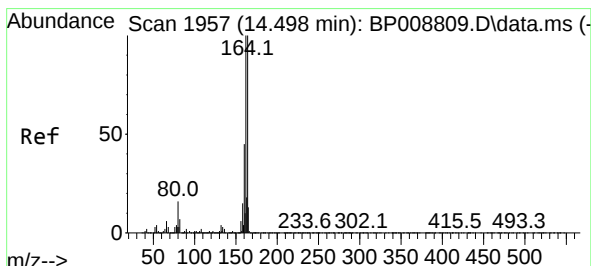
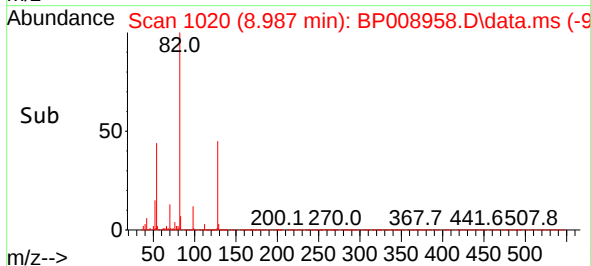
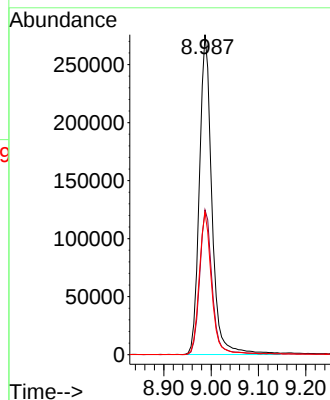
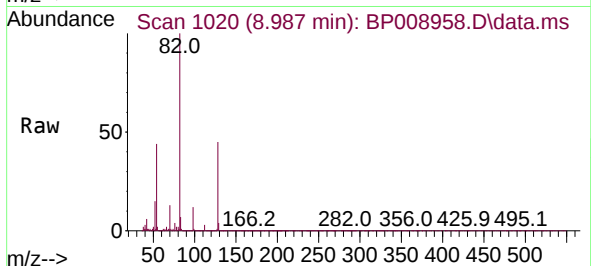




#23
Nitrobenzene-d5
Concen: 30.732 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

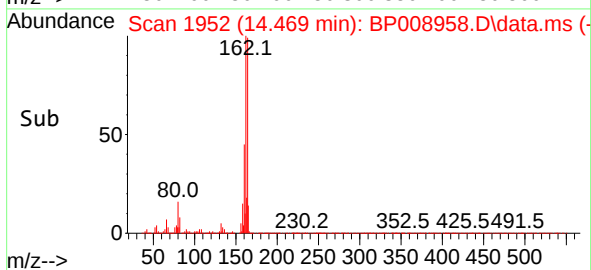
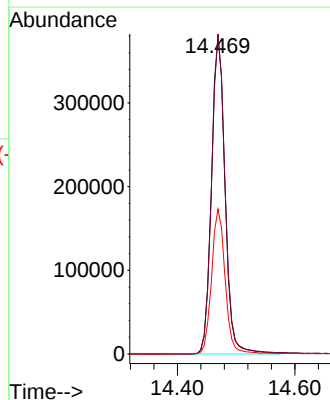
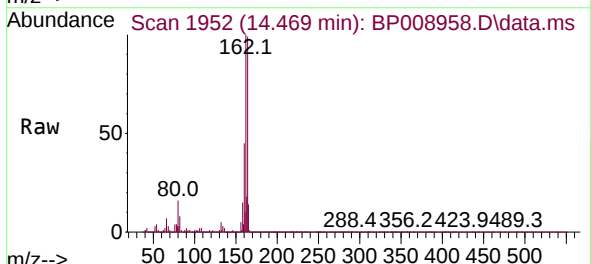
Instrument :
BNA_P
ClientSampleId :
LBS-LBS-STOCK

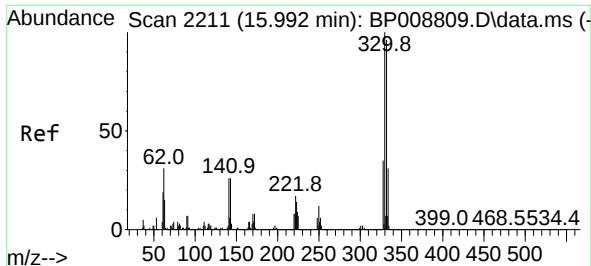
Tgt Ion: 82 Resp: 507235
Ion Ratio Lower Upper
82 100
128 45.3 39.4 59.2
54 44.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion: 164 Resp: 608889
Ion Ratio Lower Upper
164 100
162 101.1 79.9 119.9
160 45.7 35.5 53.3

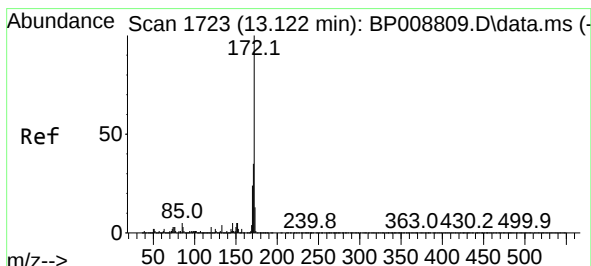
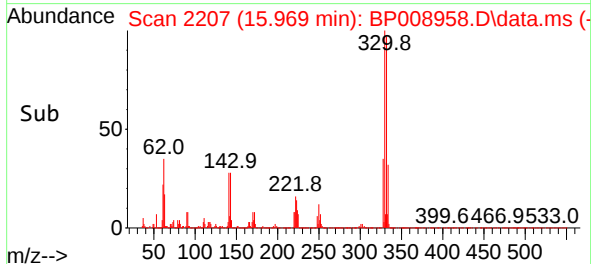
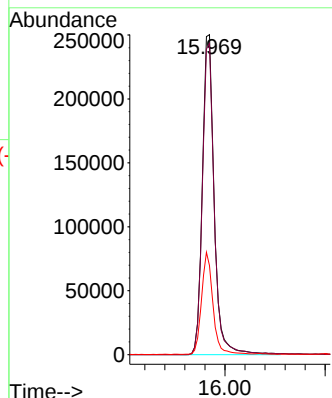
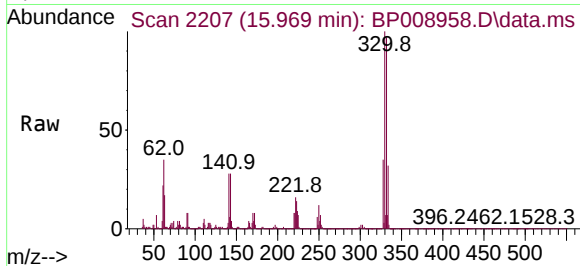




#42
2,4,6-Tribromophenol
Concen: 46.331 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

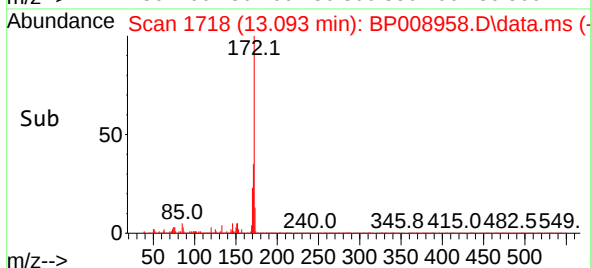
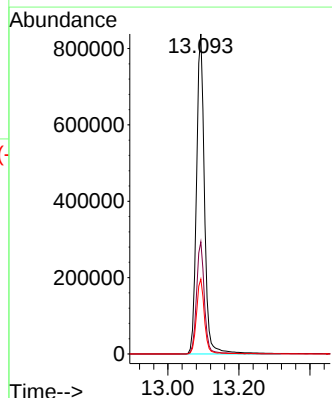
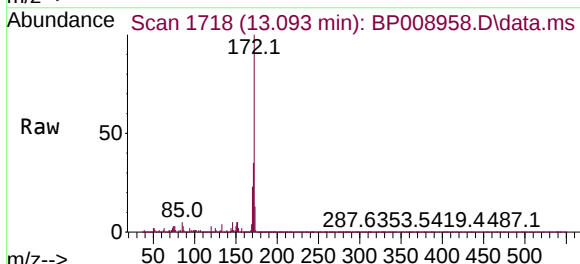
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LBS-LBS-STOCK

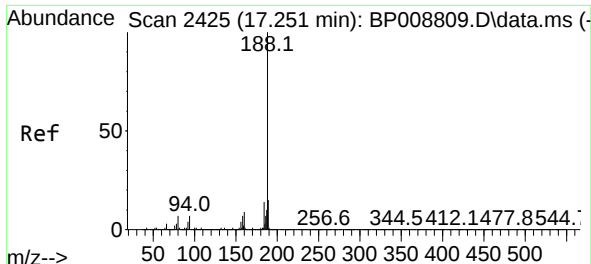
Tgt Ion:330 Resp: 410628
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.4
141 30.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 28.504 ng
RT: 13.093 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion:172 Resp: 1316071
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.4 19.5 29.3

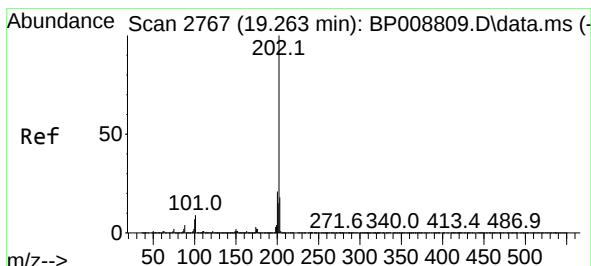
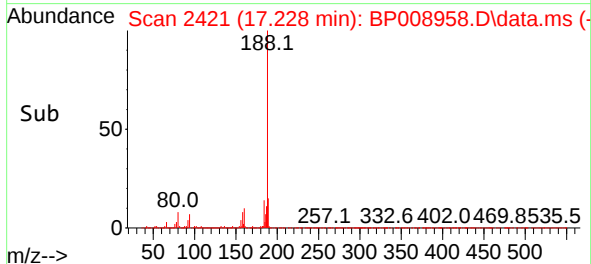
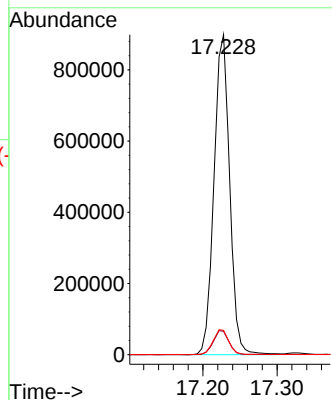
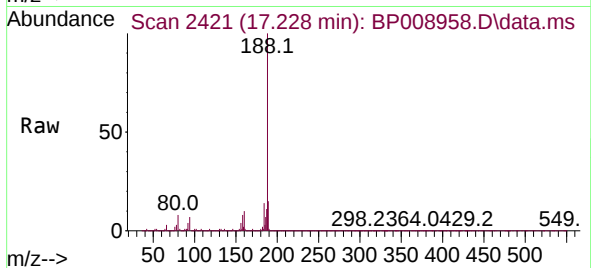




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

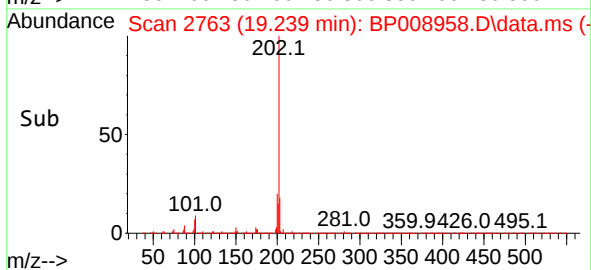
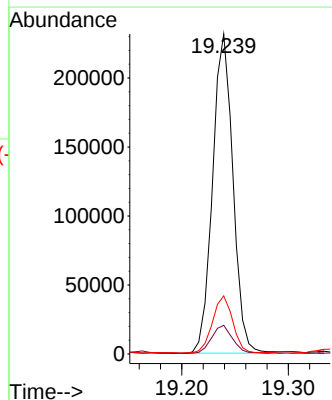
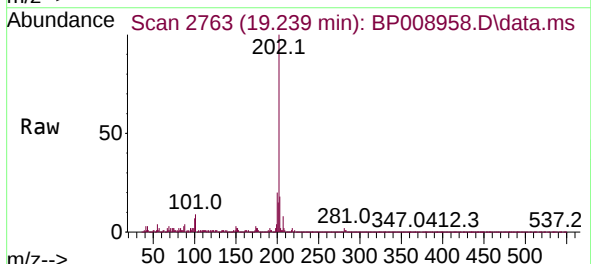
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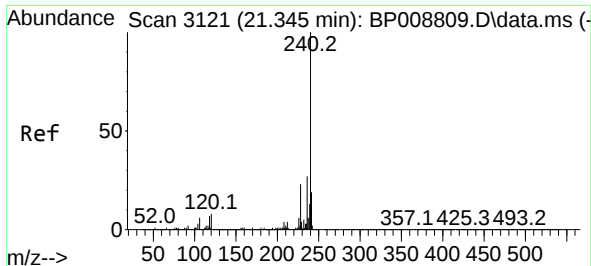
Tgt Ion:188 Resp: 1318860
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.2 10.8



#75
Fluoranthene
Concen: 3.716 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion:202 Resp: 306873
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.7
203 18.2 0.0 38.9

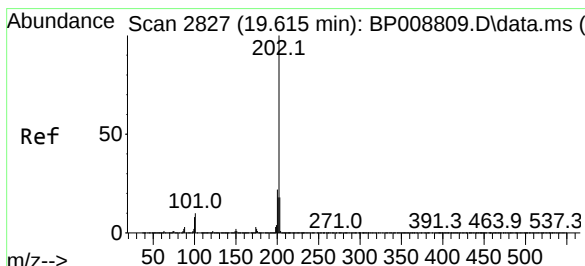
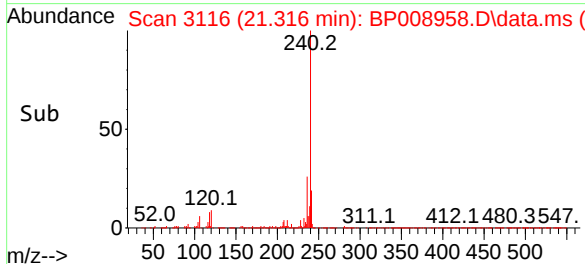
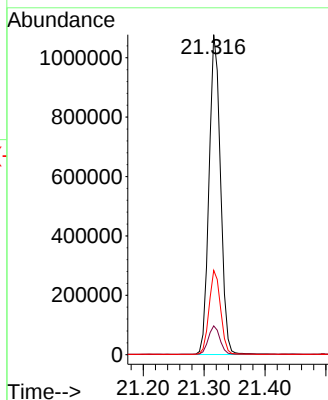
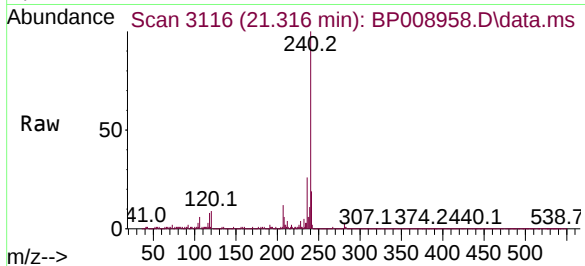




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

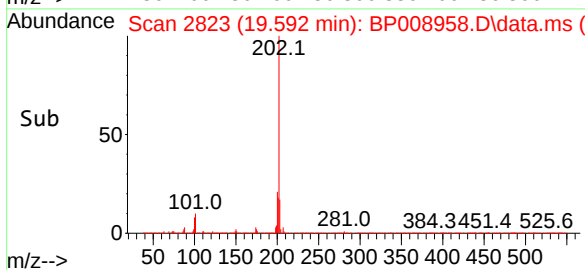
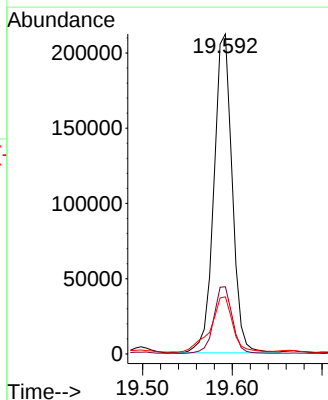
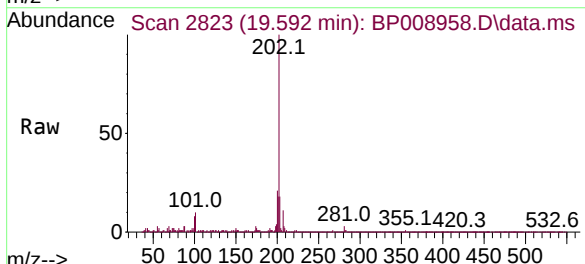
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LBS-LBS-STOCK

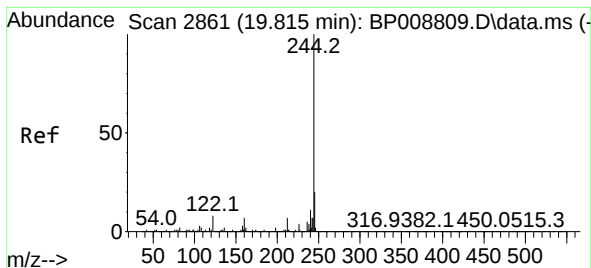
Tgt Ion:240 Resp: 1409565
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.3 21.2 31.8



#78
Pyrene
Concen: 3.047 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion:202 Resp: 299673
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.8 15.0 22.6





#79

Terphenyl-d14

Concen: 25.085 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP008958.D

Acq: 27 Jan 2022 21:57

Instrument :

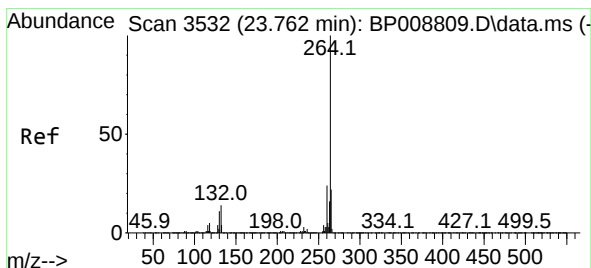
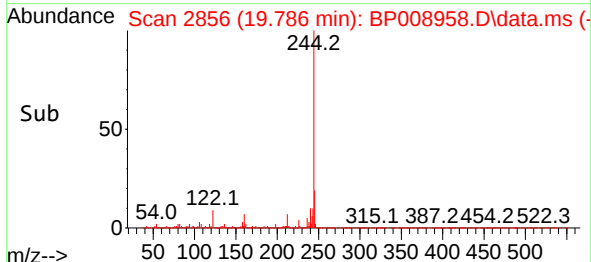
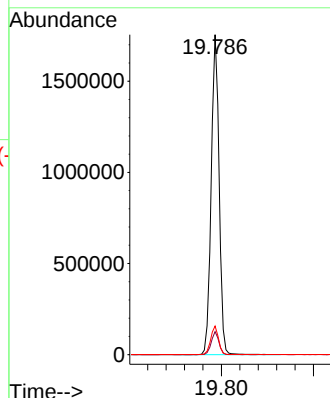
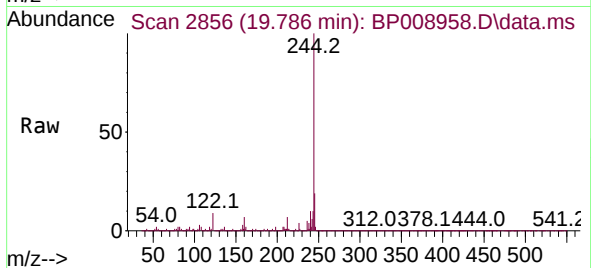
BNA_P

ClientSampleId :

LBS-LBS-STOCK

Tgt Ion:244 Resp: 2094799

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	9.0	9.2	13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3526

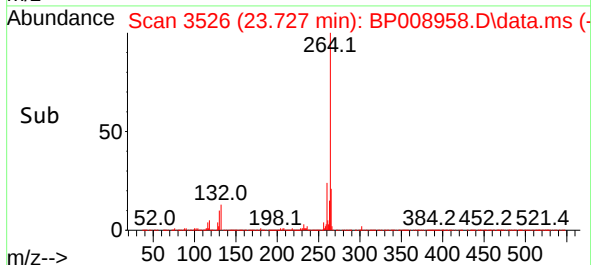
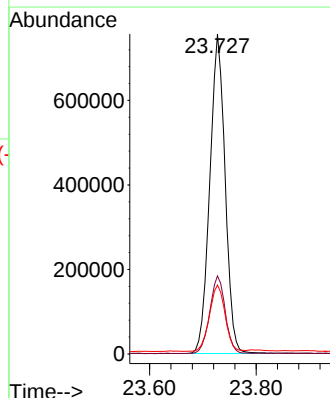
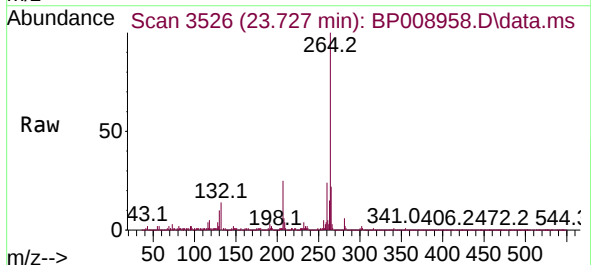
Delta R.T. -0.023 min

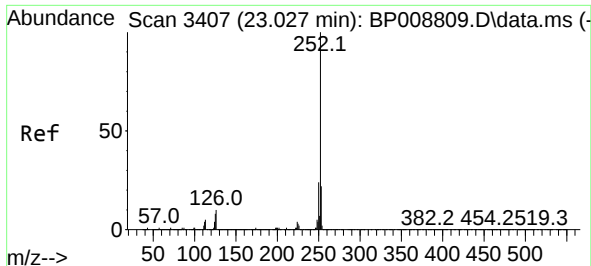
Lab File: BP008958.D

Acq: 27 Jan 2022 21:57

Tgt Ion:264 Resp: 1506953

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.6	17.1	25.7

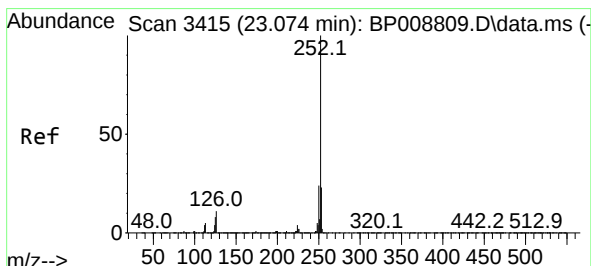
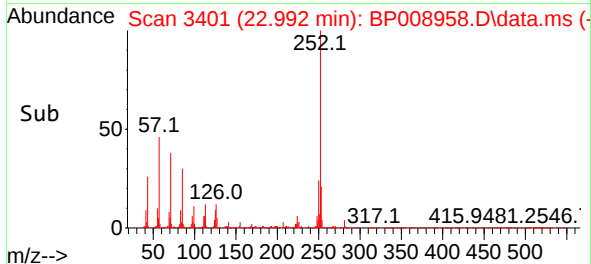
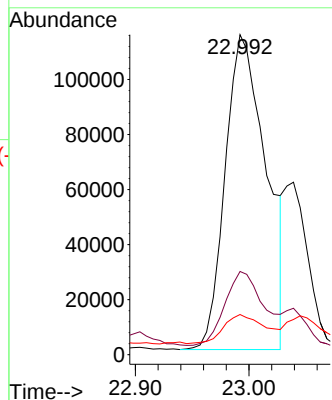
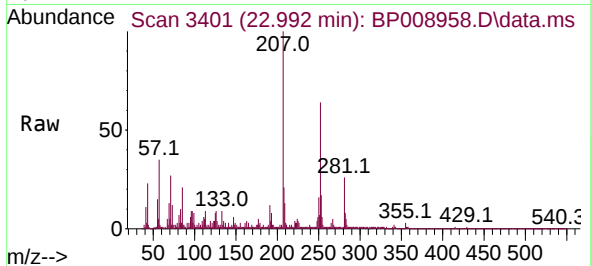




#88
Benzo(b)fluoranthene
Concen: 2.856 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.023 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Instrument :
BNA_P
ClientSampleId :
LBS-LBS-STOCK

Tgt Ion:252 Resp: 287374
Ion Ratio Lower Upper
252 100
253 26.0 18.0 27.0
125 12.5 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 2.950 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.070 min
Lab File: BP008958.D
Acq: 27 Jan 2022 21:57

Tgt Ion:252 Resp: 287374
Ion Ratio Lower Upper
252 100
253 26.0 18.2 27.2
125 12.5 7.3 10.9#

