

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008241.D
 Acq On : 06 Dec 2021 22:08
 Operator : CG/JU
 Sample : M4939-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 07 05:12:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

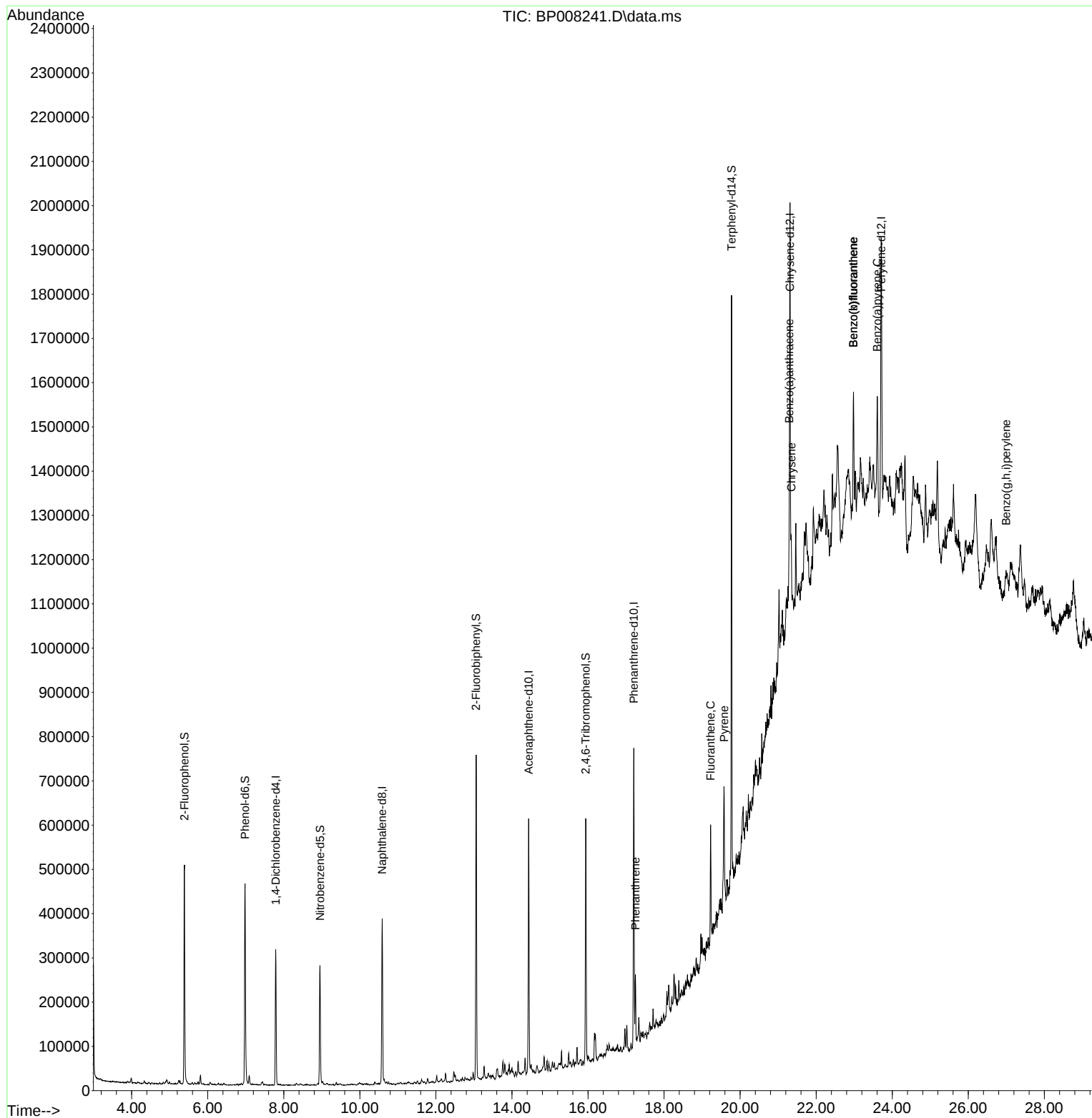
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	78809	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	287610	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	186581	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	394668	20.000	ng	0.00
76) Chrysene-d12	21.310	240	417245	20.000	ng	0.00
86) Perylene-d12	23.710	264	475532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	203406	41.557	ng	0.00
7) Phenol-d6	6.981	99	256906	38.881	ng	0.00
23) Nitrobenzene-d5	8.952	82	164931	26.077	ng	-0.01
42) 2,4,6-Tribromophenol	15.940	330	104084	43.644	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	378892	29.497	ng	-0.01
79) Terphenyl-d14	19.775	244	592891	29.697	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.922	77	174	Below Cal	#	57
71) Phenanthrene	17.245	178	93578	4.491	ng	100
75) Fluoranthene	19.222	202	150569	5.364	ng	98
78) Pyrene	19.575	202	158058	3.636	ng	98
81) Benzo(a)anthracene	21.292	228	89243	3.227	ng	# 88
83) Chrysene	21.345	228	93060	3.536	ng	# 88
88) Benzo(b)fluoranthene	22.980	252	119086	4.154	ng	# 71
89) Benzo(k)fluoranthene	22.980	252	119086	4.243	ng	# 70
90) Benzo(a)pyrene	23.604	252	88562	3.615	ng	# 75
92) Benzo(g,h,i)perylene	26.992	276	74757	2.579	ng	# 90

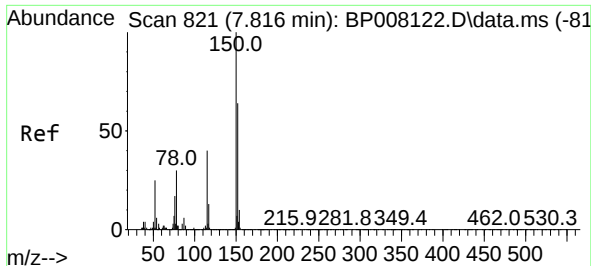
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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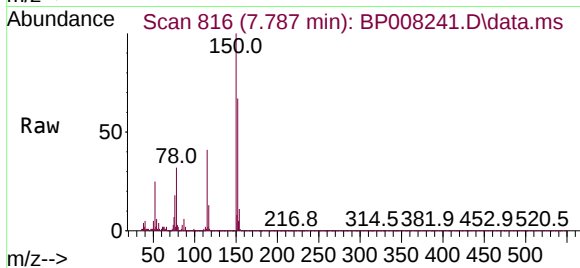
Quant Time: Dec 07 05:12:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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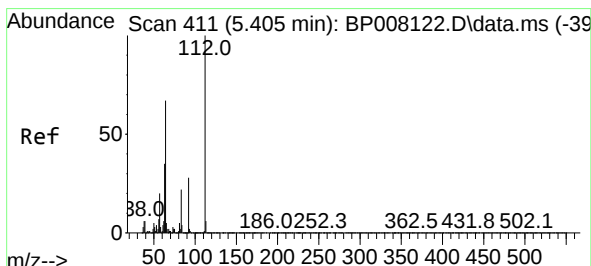
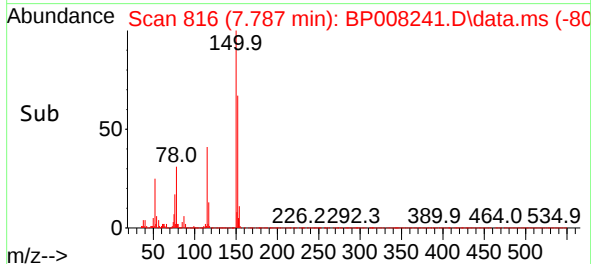
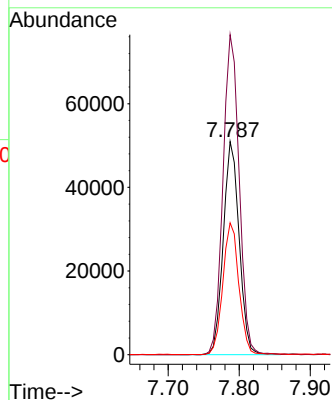


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :

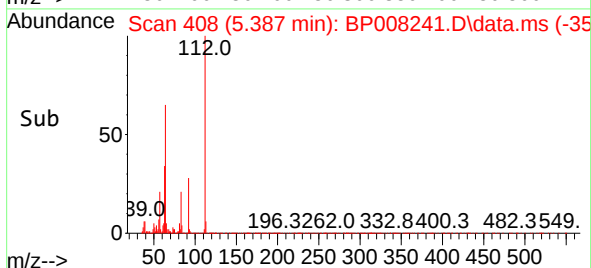
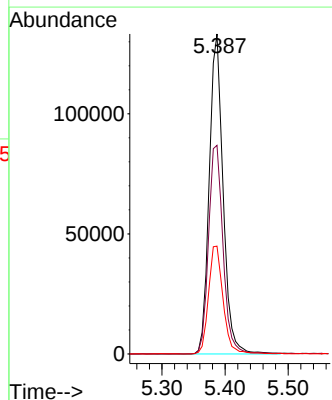
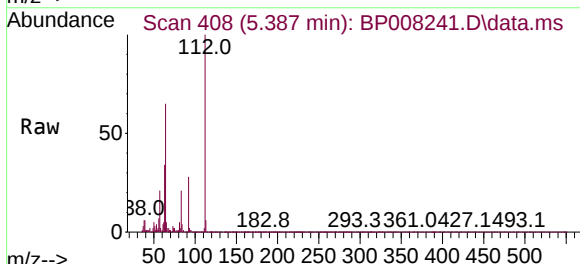


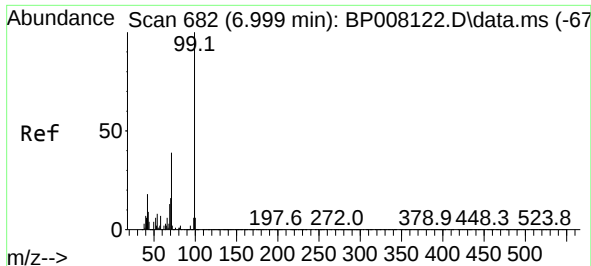
Tgt Ion:152 Resp: 78809
Ion Ratio Lower Upper
152 100
150 150.2 125.7 188.5
115 61.9 50.7 76.1



#5
2-Fluorophenol
Concen: 41.557 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

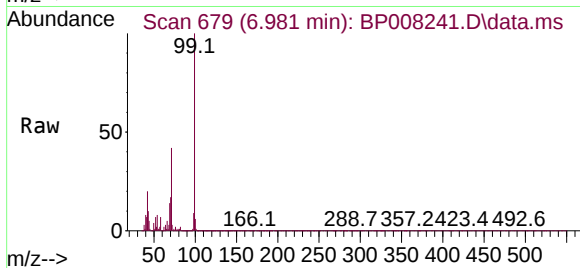
Tgt Ion:112 Resp: 203406
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 33.7 27.8 41.8



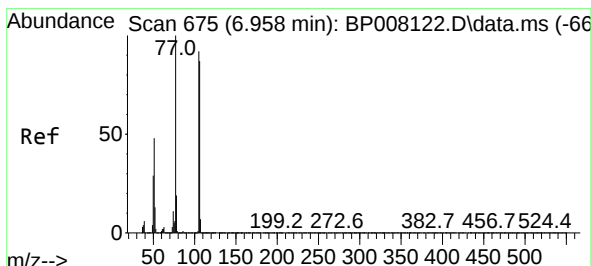
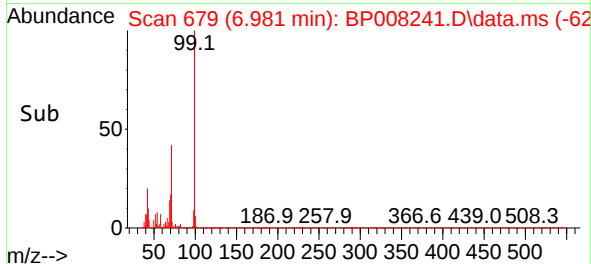
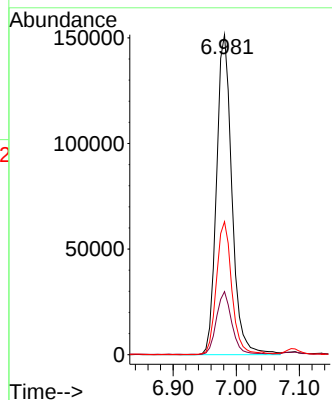


#7
Phenol-d6
Concen: 38.881 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :

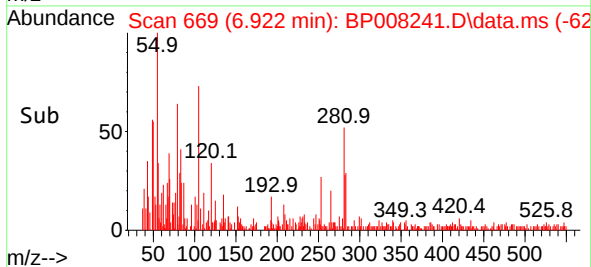
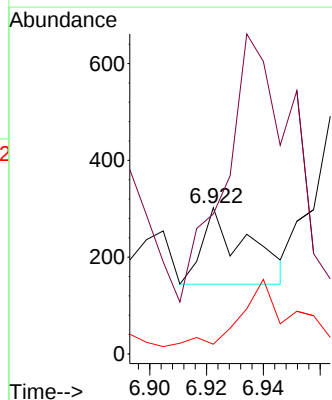
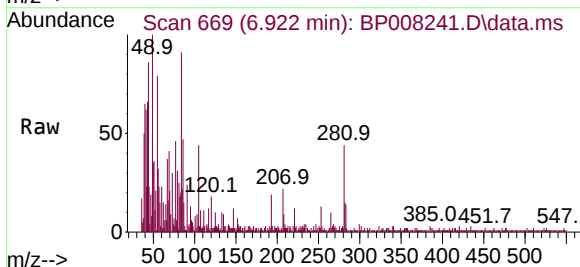


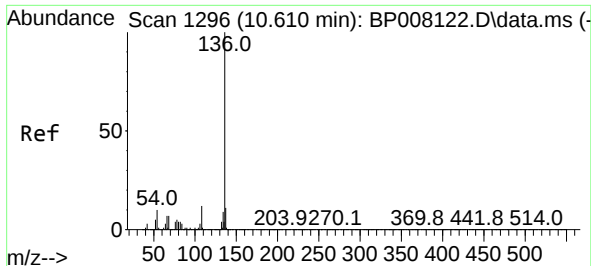
Tgt Ion: 99 Resp: 256906
Ion Ratio Lower Upper
99 100
42 19.7 14.6 22.0
71 41.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 669
Delta R.T. -0.018 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion: 77 Resp: 174
Ion Ratio Lower Upper
77 100
105 95.7 71.8 111.8
106 8.9 67.3 107.3#

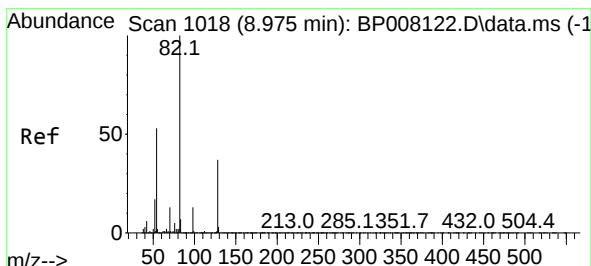
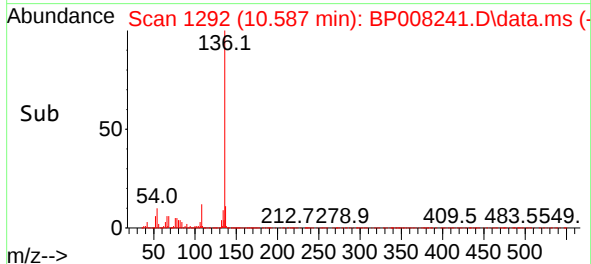
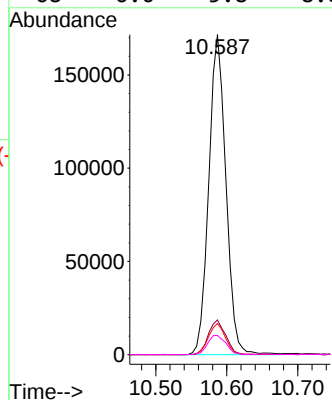
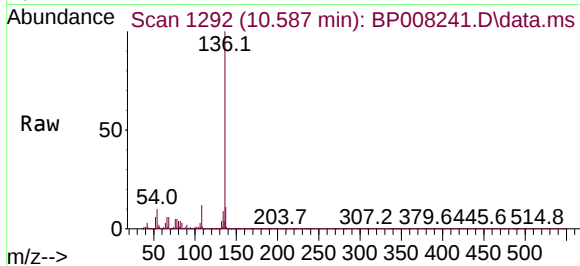




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

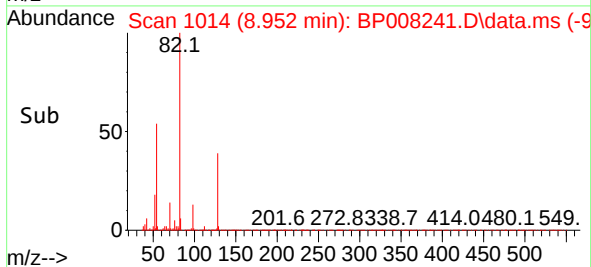
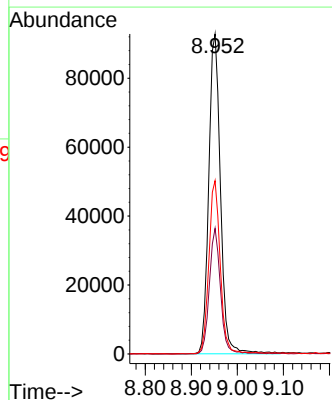
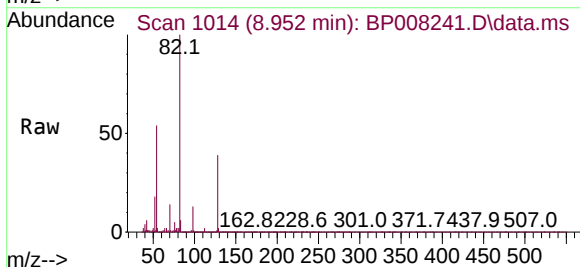
Instrument :
BNA_P
ClientSampleId :

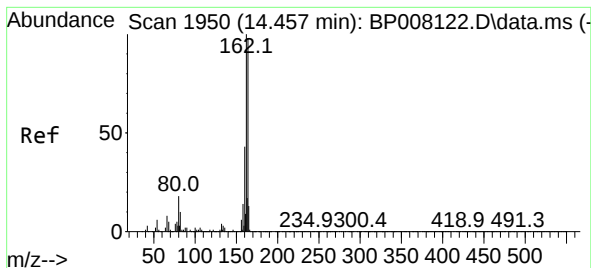
Tgt Ion:	136	Resp:	287610
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.8	8.2	12.4
68	6.0	5.8	8.8



#23
Nitrobenzene-d5
Concen: 26.077 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:	82	Resp:	164931
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.6	44.4
54	54.1	42.7	64.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP008241.D

Acq: 06 Dec 2021 22:08

Instrument :

BNA_P

ClientSampleId :

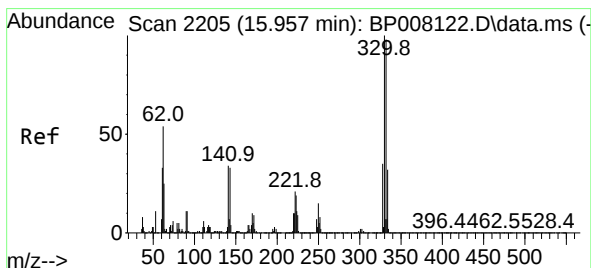
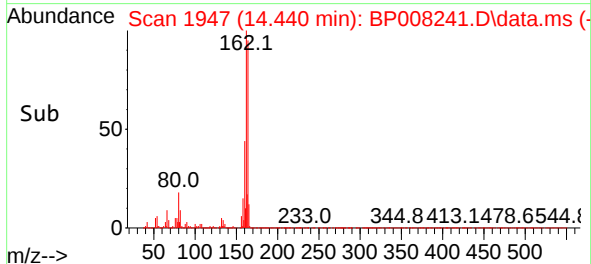
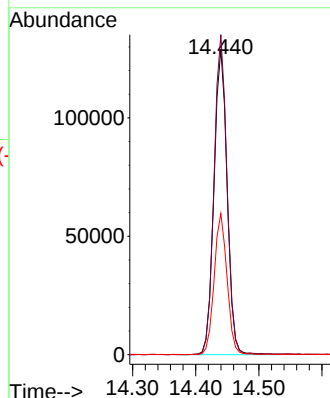
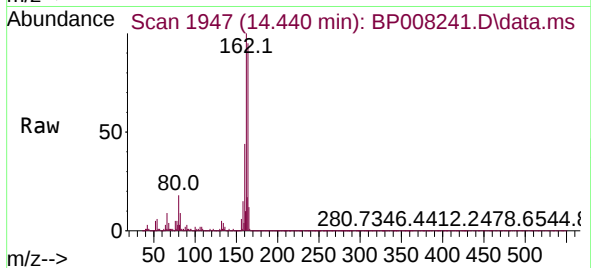
Tgt Ion:164 Resp: 186581

Ion Ratio Lower Upper

164 100

162 104.7 81.9 122.9

160 46.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 43.644 ng

RT: 15.940 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BP008241.D

Acq: 06 Dec 2021 22:08

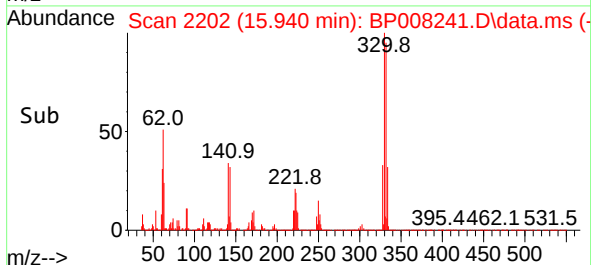
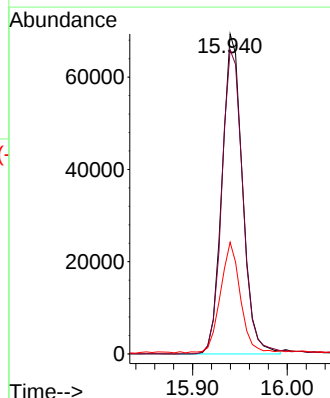
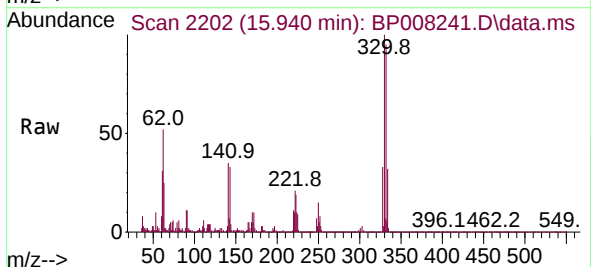
Tgt Ion:330 Resp: 104084

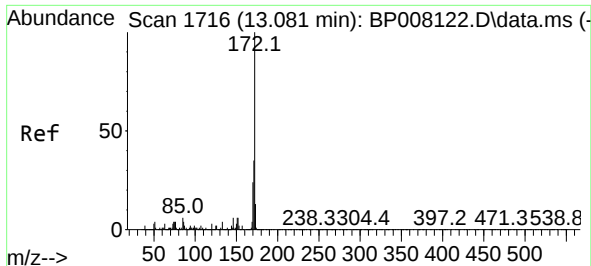
Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.4

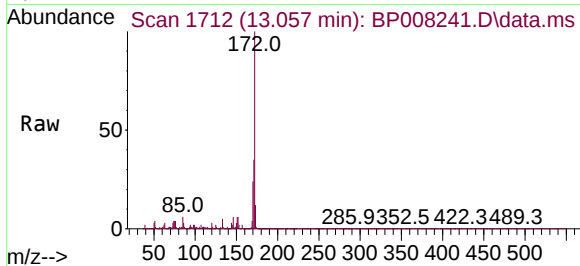
141 33.8 28.4 42.6



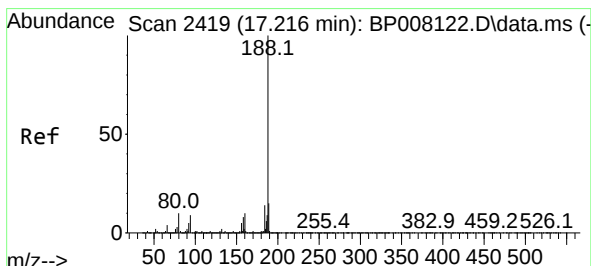
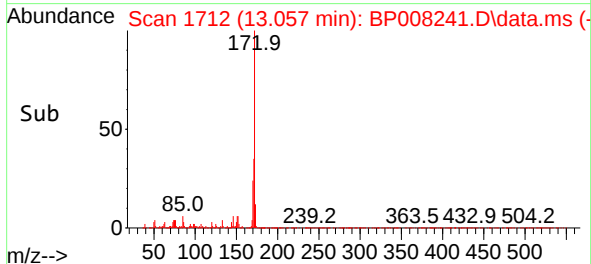
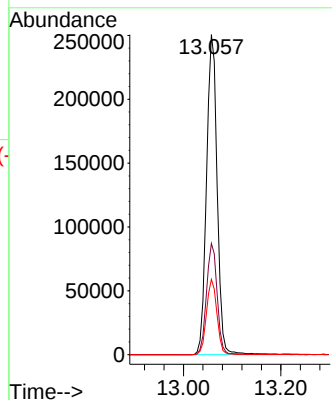


#45
2-Fluorobiphenyl
Concen: 29.497 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :

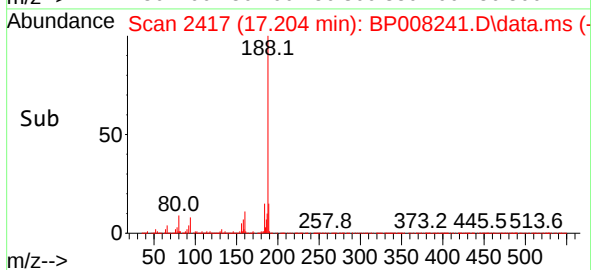
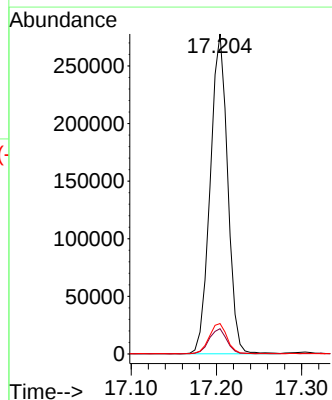
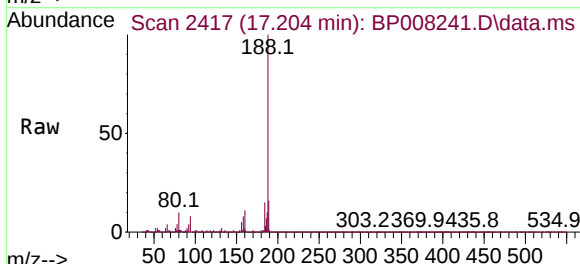


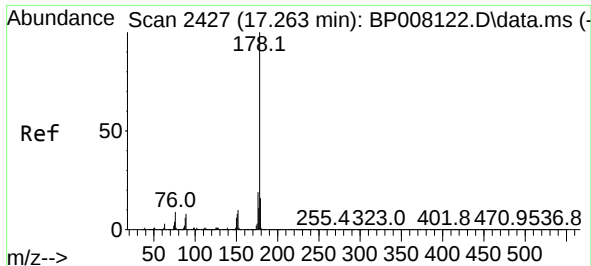
Tgt Ion:172 Resp: 378892
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:188 Resp: 394668
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.5 8.2 12.4

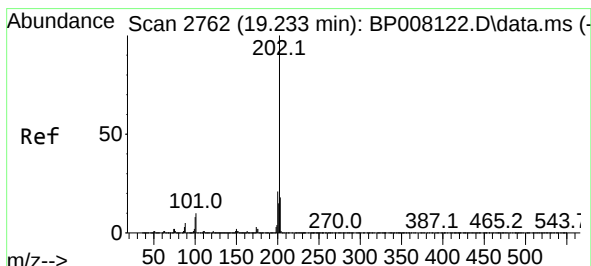
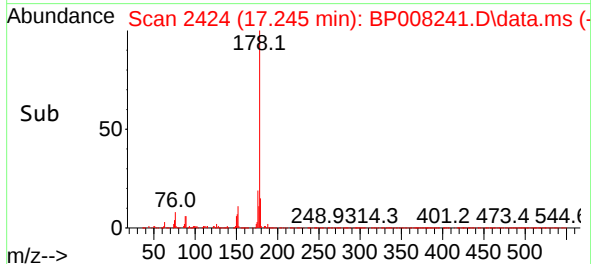
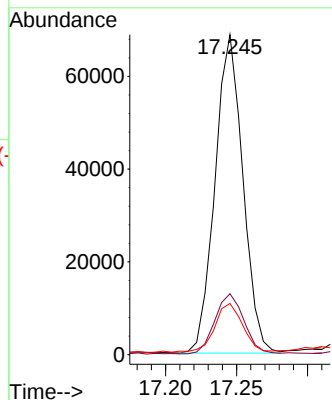
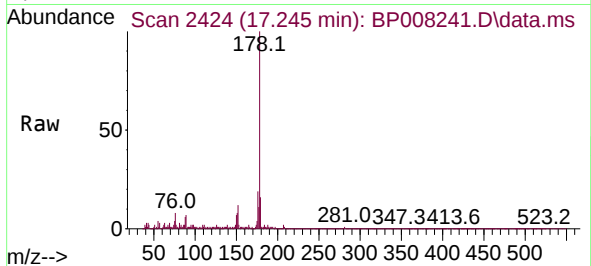




#71
Phenanthrene
Concen: 4.491 ng
RT: 17.245 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

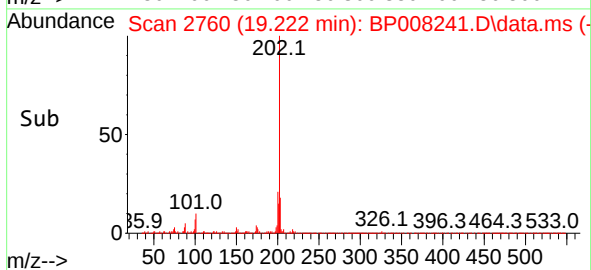
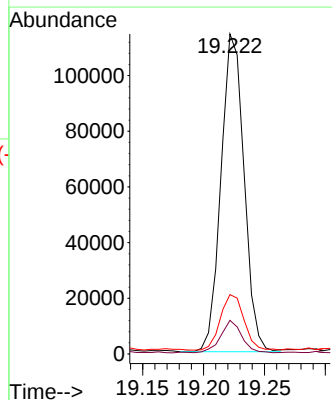
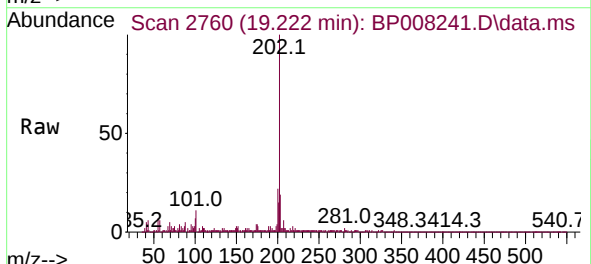
Instrument :
BNA_P
ClientSampleId :

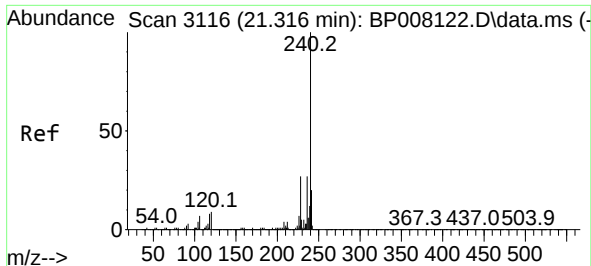
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.0	12.5	18.7



#75
Fluoranthene
Concen: 5.364 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.8
203	18.5	0.0	37.7

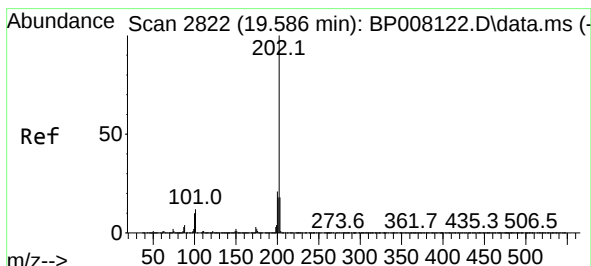
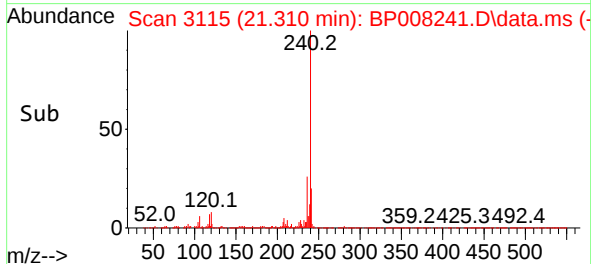
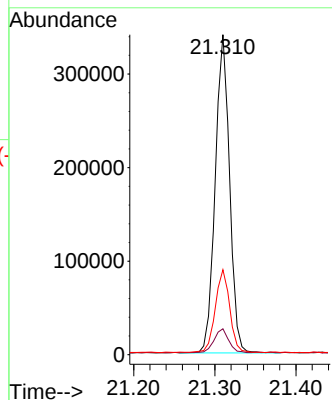
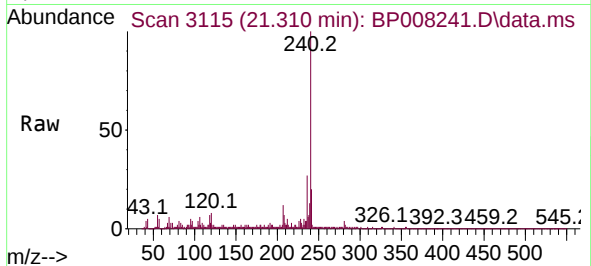




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

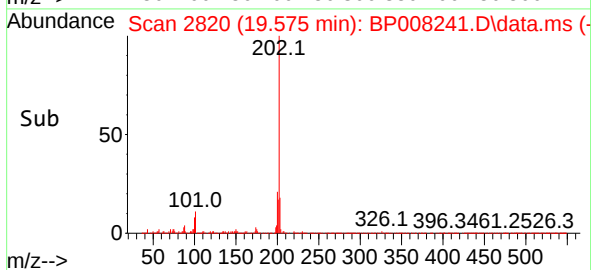
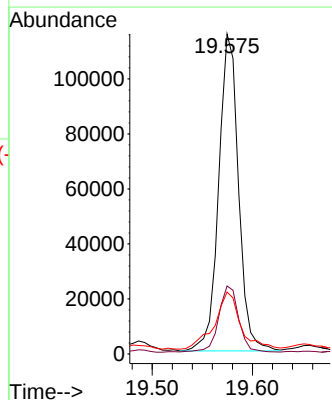
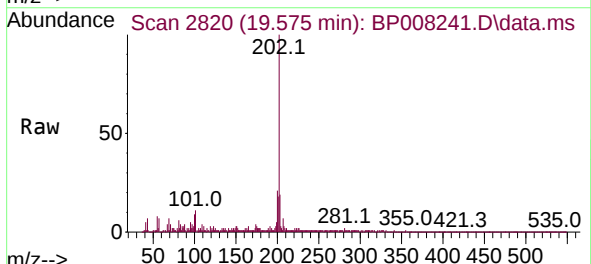
Instrument :
BNA_P
ClientSampleId :

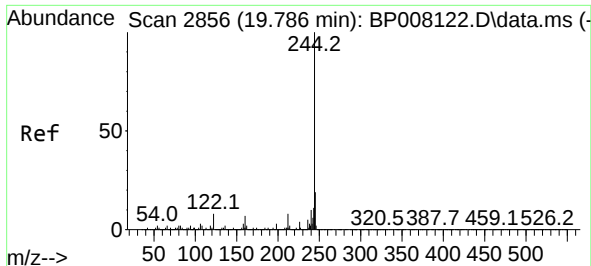
Tgt Ion:240 Resp: 417245
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.5 21.4 32.2



#78
Pyrene
Concen: 3.636 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:202 Resp: 158058
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 19.4 14.2 21.2



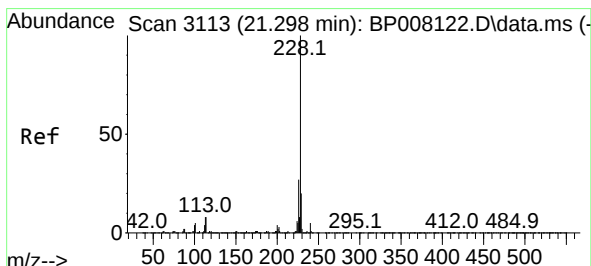
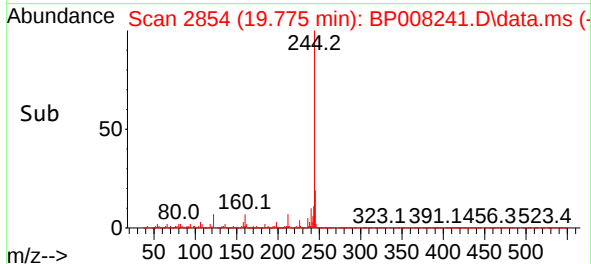
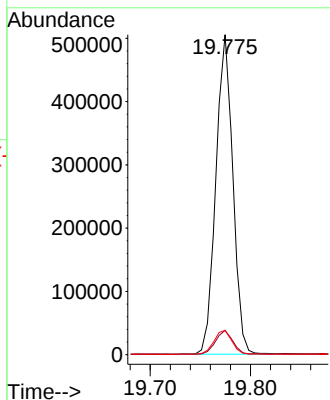
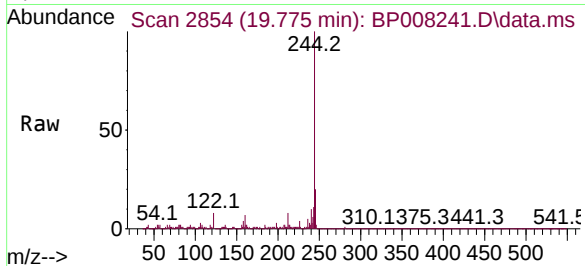


#79
 Terphenyl-d14
 Concen: 29.697 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008241.D
 Acq: 06 Dec 2021 22:08

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 592891

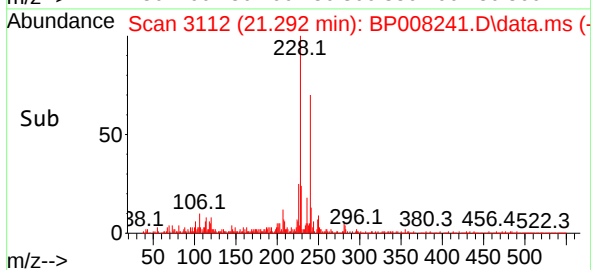
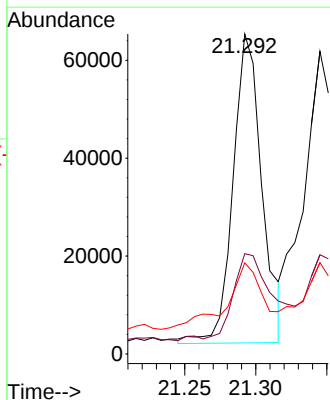
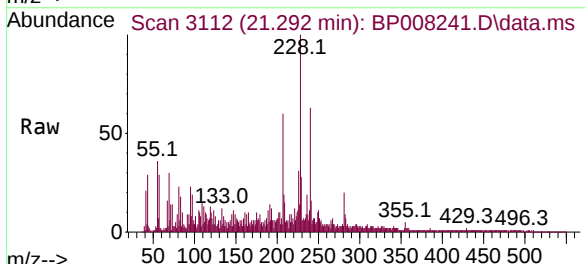
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.6	6.6	9.8

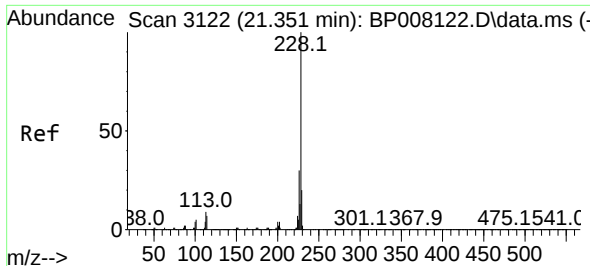


#81
 Benzo(a)anthracene
 Concen: 3.227 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008241.D
 Acq: 06 Dec 2021 22:08

Tgt Ion:228 Resp: 89243

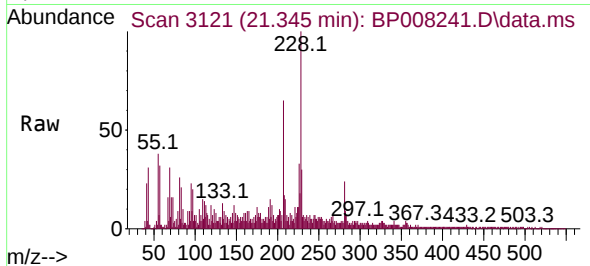
Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.9	32.9
229	28.5	15.9	23.9



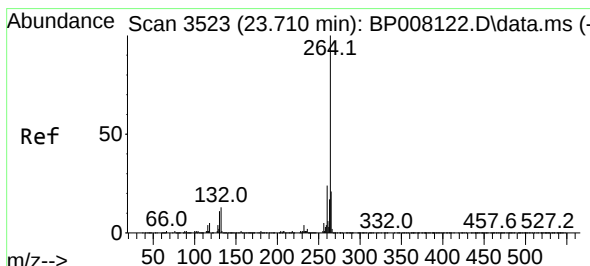
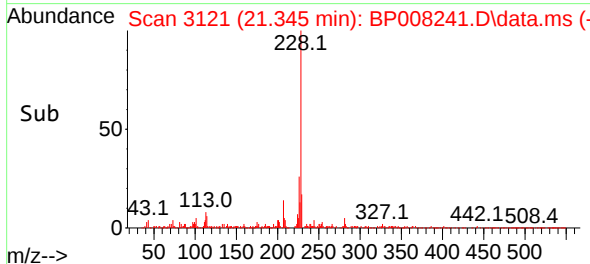
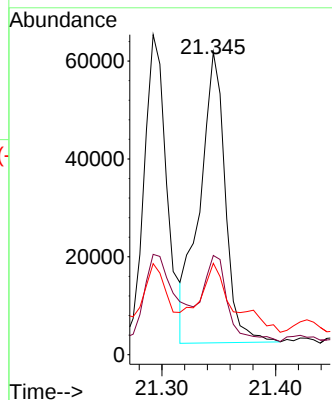


#83
Chrysene
Concen: 3.536 ng
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :

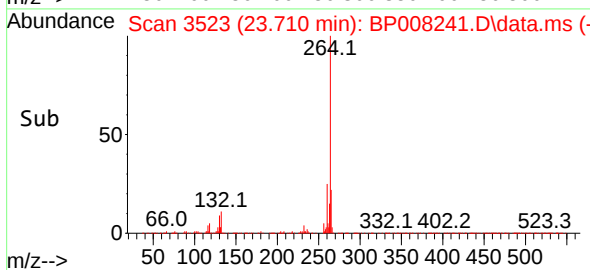
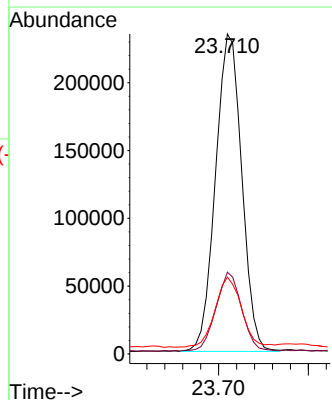
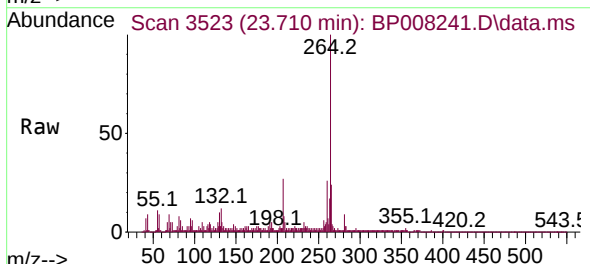


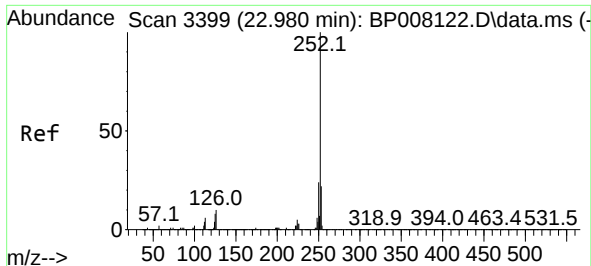
Tgt Ion:228 Resp: 93060
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 30.2 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:264 Resp: 475532
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 24.0 17.6 26.4

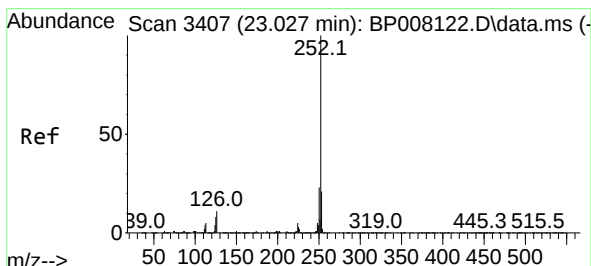
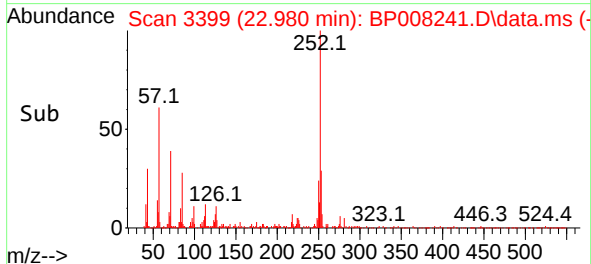
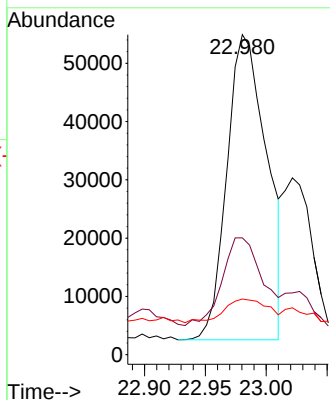
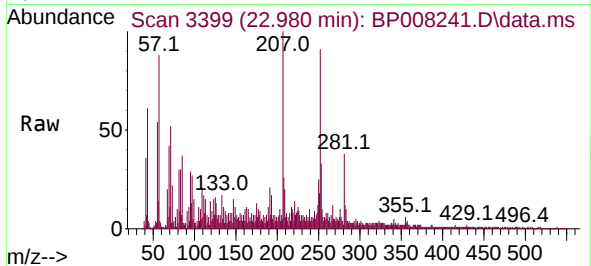




#88
Benzo(b)fluoranthene
Concen: 4.154 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

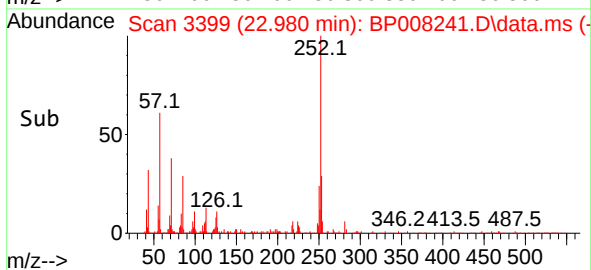
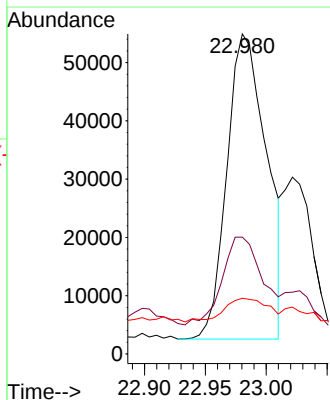
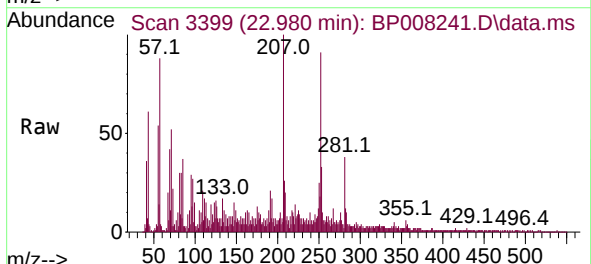
Instrument :
BNA_P
ClientSampleId :

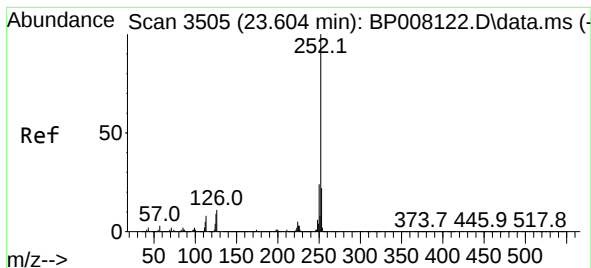
Tgt Ion:252 Resp: 119086
Ion Ratio Lower Upper
252 100
253 36.5 17.7 26.5#
125 17.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.243 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.053 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:252 Resp: 119086
Ion Ratio Lower Upper
252 100
253 36.5 17.3 25.9#
125 17.4 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 3.615 ng

RT: 23.604 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP008241.D

Acq: 06 Dec 2021 22:08

Instrument :

BNA_P

ClientSampleId :

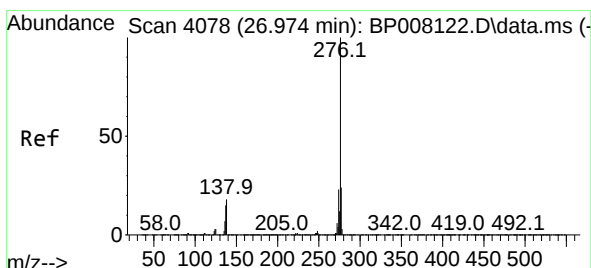
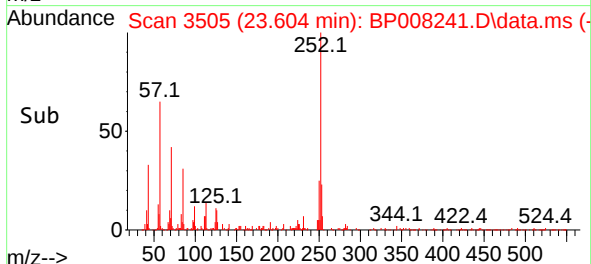
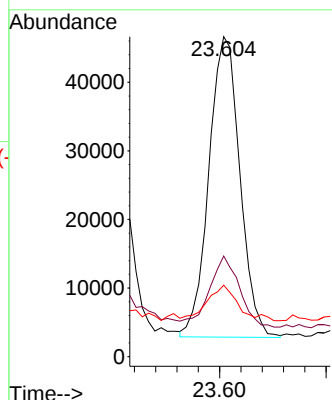
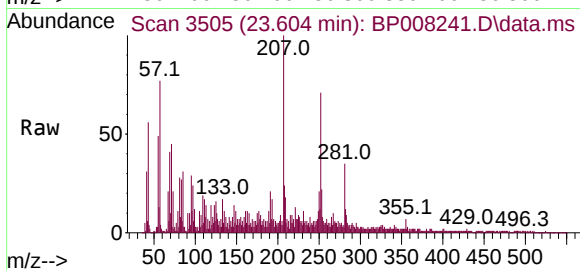
Tgt Ion:252 Resp: 88562

Ion Ratio Lower Upper

252 100

253 31.4 17.6 26.4#

125 22.3 7.4 11.0#



#92

Benzo(g,h,i)perylene

Concen: 2.579 ng

RT: 26.992 min Scan# 4081

Delta R.T. -0.006 min

Lab File: BP008241.D

Acq: 06 Dec 2021 22:08

Tgt Ion:276 Resp: 74757

Ion Ratio Lower Upper

276 100

277 31.8 20.0 30.0#

138 20.3 14.1 21.1

