

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008022.D
 Acq On : 18 Nov 2021 18:27
 Operator : CG/JU
 Sample : M4666-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETERE

Quant Time: Nov 19 02:24:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

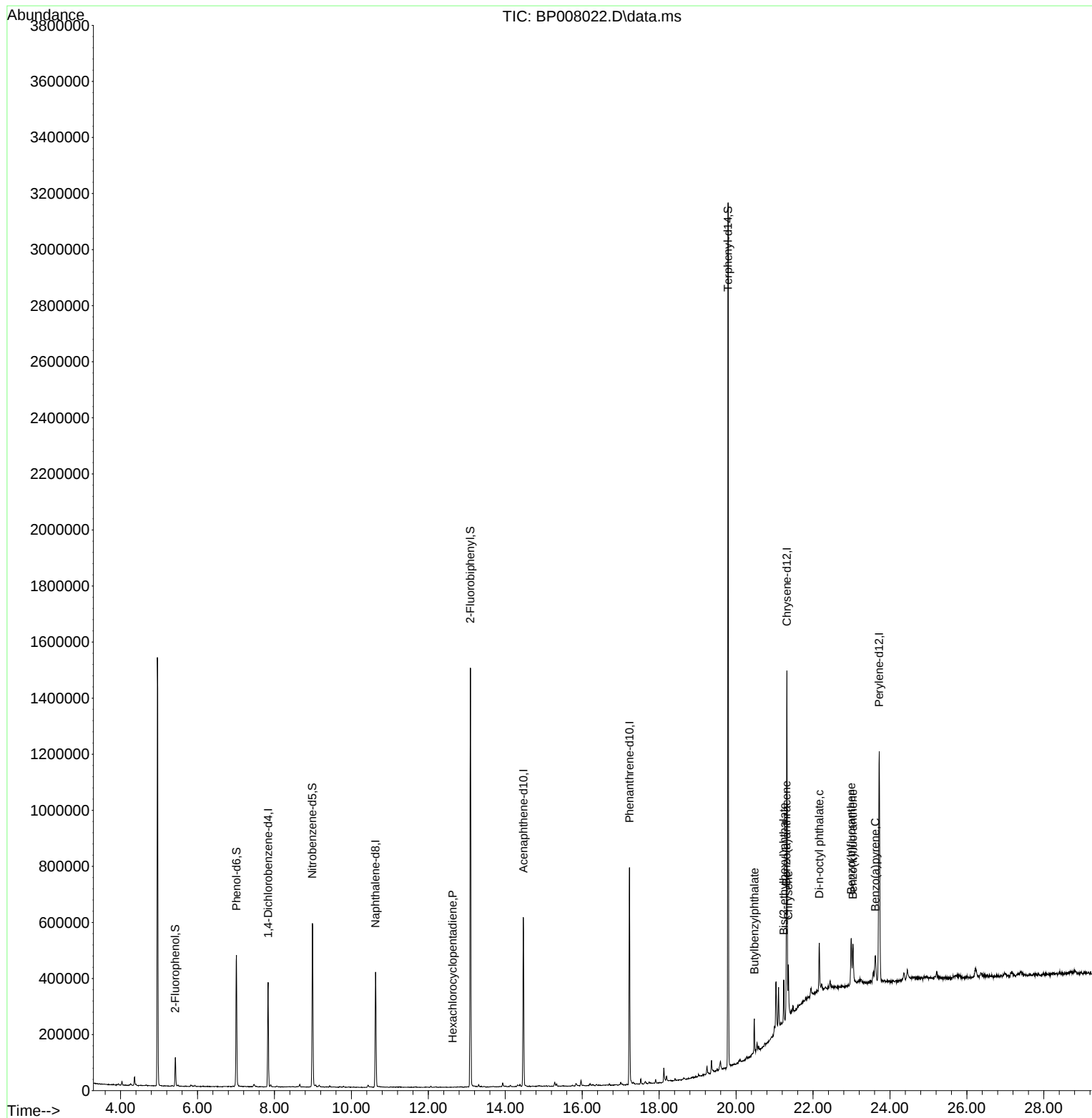
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	100390	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	331533	20.000	ng	#-0.01
39) Acenaphthene-d10	14.469	164	210017	20.000	ng	-0.01
64) Phenanthrene-d10	17.228	188	463313	20.000	ng	#-0.01
76) Chrysene-d12	21.322	240	571384	20.000	ng	#-0.01
86) Perylene-d12	23.721	264	646239	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	44486	7.189	ng	0.00
7) Phenol-d6	7.011	99	268001	32.553	ng	-0.01
23) Nitrobenzene-d5	8.987	82	340836	55.015	ng	-0.02
42) 2,4,6-Tribromophenol	15.969	330	4752	1.438	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	752623	50.268	ng	-0.01
79) Terphenyl-d14	19.792	244	1367104	48.515	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.975	77	2447	Below Cal		91
16) 2,2'-oxybis(1-Chloropr...	8.375	45	68	Below Cal		99
41) Hexachlorocyclopentadiene	12.634	237	8	3.072	ng	86
80) Butylbenzylphthalate	20.475	149	41089	2.912	ng	92
81) Benzo(a)anthracene	21.304	228	96209	2.558	ng	99
83) Chrysene	21.357	228	114082	3.164	ng	98
84) Bis(2-ethylhexyl)phtha...	21.239	149	52501	2.606	ng	# 95
85) Di-n-octyl phthalate	22.163	149	130197	3.507	ng	# 99
88) Benzo(b)fluoranthene	22.992	252	126653	3.292	ng	100
89) Benzo(k)fluoranthene	23.039	252	125868	3.275	ng	96
90) Benzo(a)pyrene	23.616	252	74907	2.277	ng	98

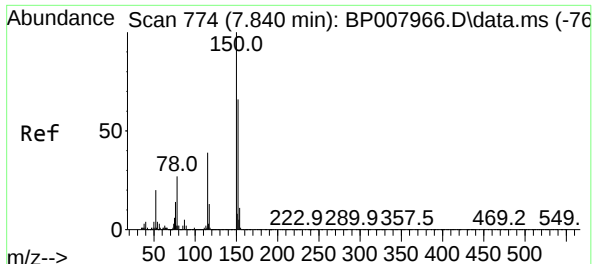
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
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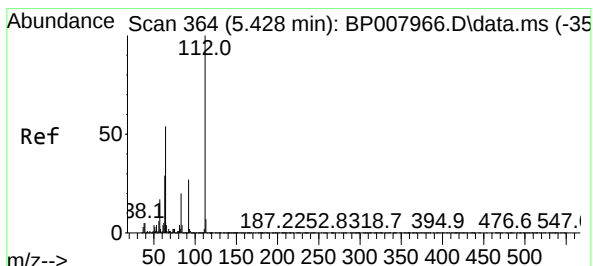
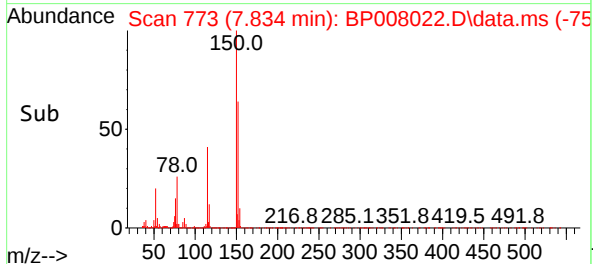
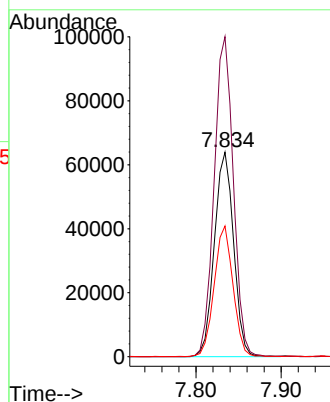
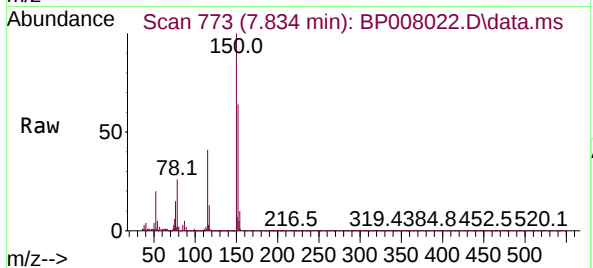




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

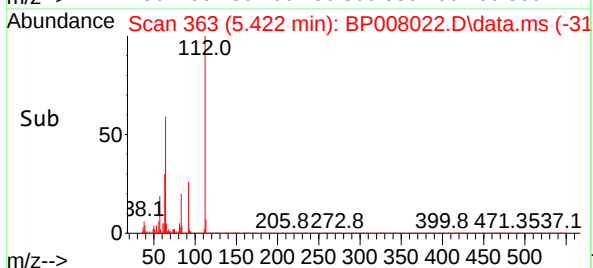
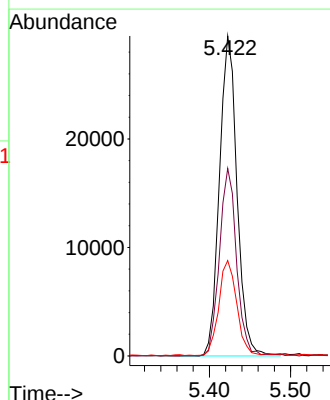
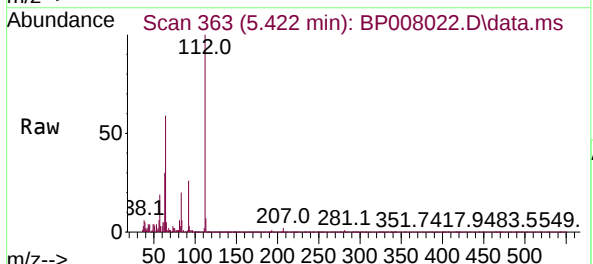
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

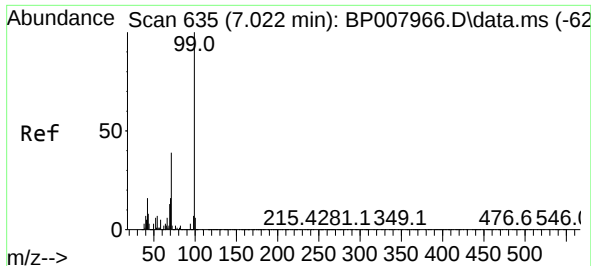
Tgt Ion:152 Resp: 100390
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 63.9 48.1 72.1



#5
2-Fluorophenol
Concen: 7.189 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:112 Resp: 44486
Ion Ratio Lower Upper
112 100
64 58.6 46.6 70.0
63 29.8 25.0 37.6

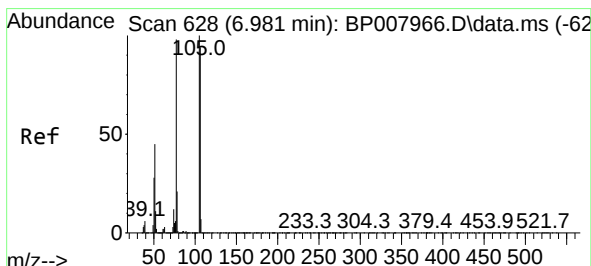
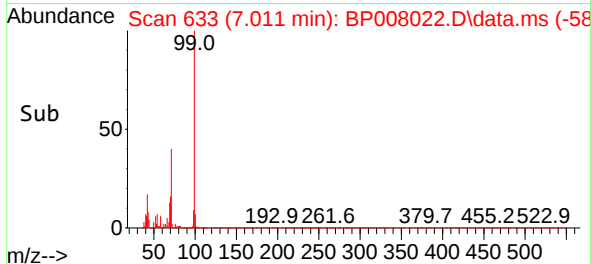
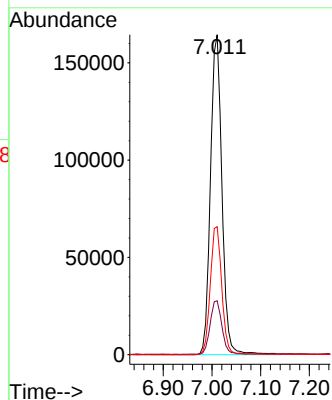
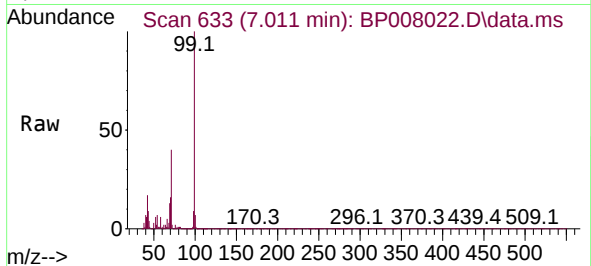




#7
Phenol-d6
Concen: 32.553 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

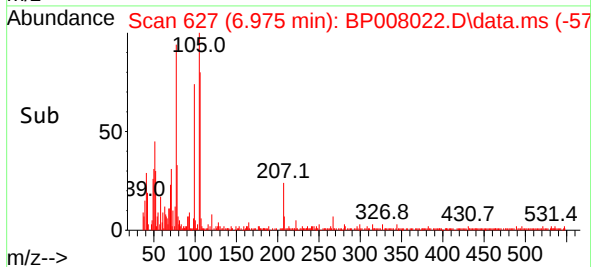
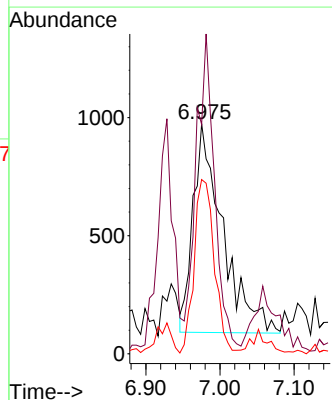
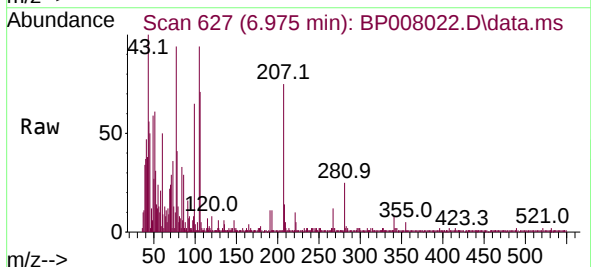
Instrument :
BNA_P
ClientSampleId :
CONCRETE

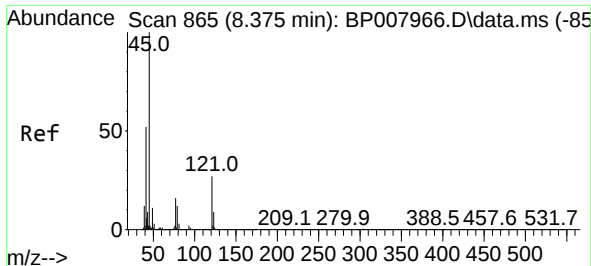
Tgt Ion: 99 Resp: 268001
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 40.0 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.975 min Scan# 627
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion: 77 Resp: 2447
Ion Ratio Lower Upper
77 100
105 99.6 77.5 117.5
106 75.7 72.1 112.1

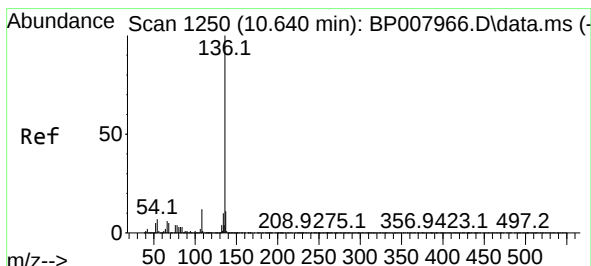
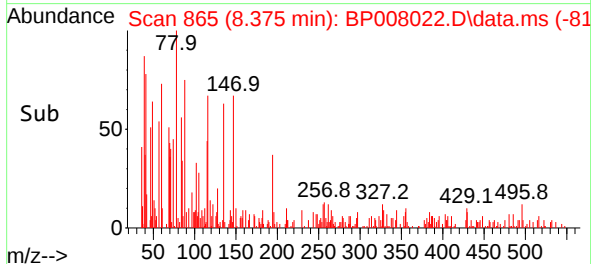
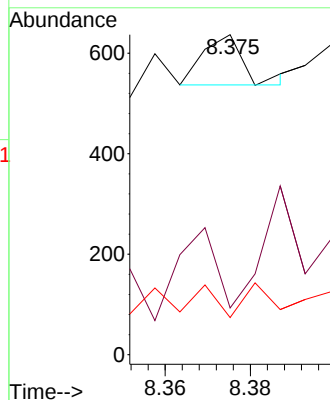
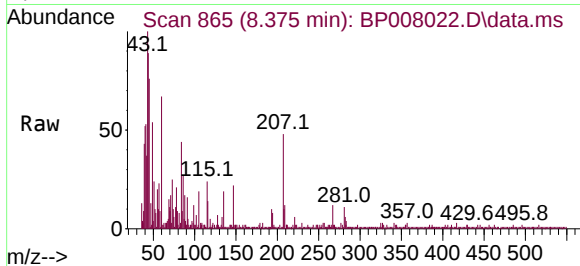




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

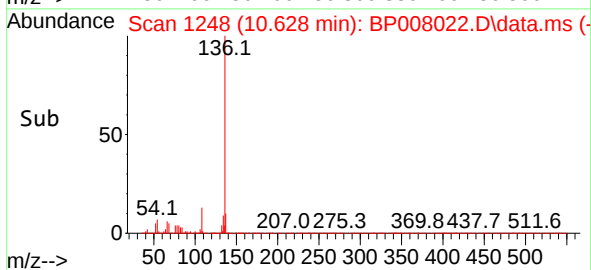
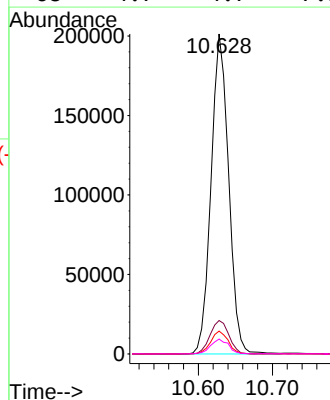
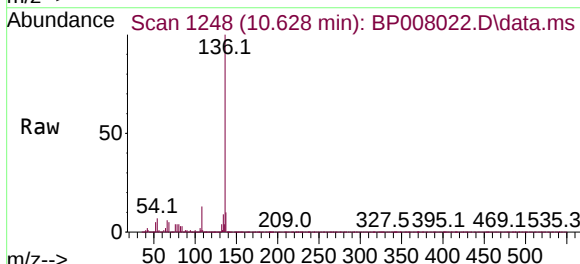
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

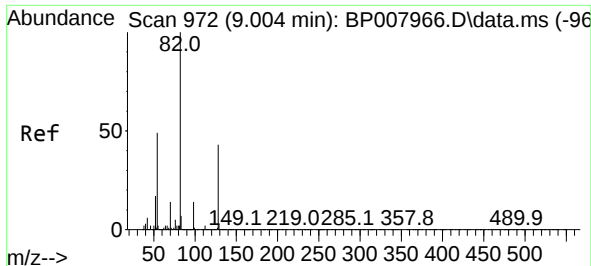
Tgt Ion: 45	Resp: 68	
Ion Ratio	Lower	Upper
45	100	
77	14.6	0.0 34.9
79	11.6	0.0 31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt	Ion:136	Resp:	331533
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.2	6.2	9.4
68	4.7	4.7	7.1#

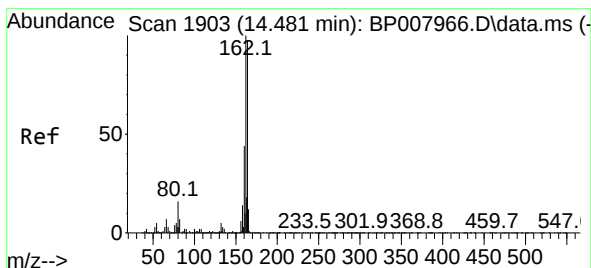
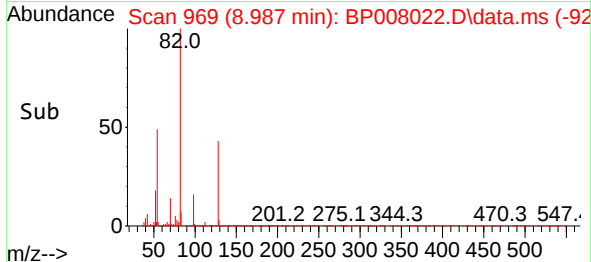
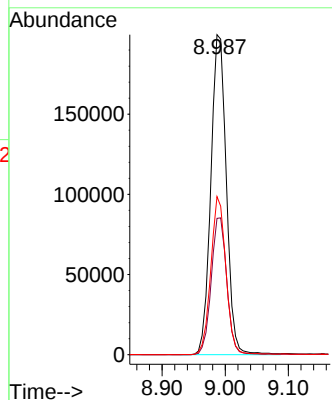
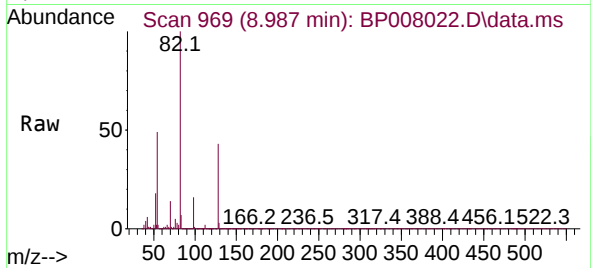




#23
Nitrobenzene-d5
Concen: 55.015 ng
RT: 8.987 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

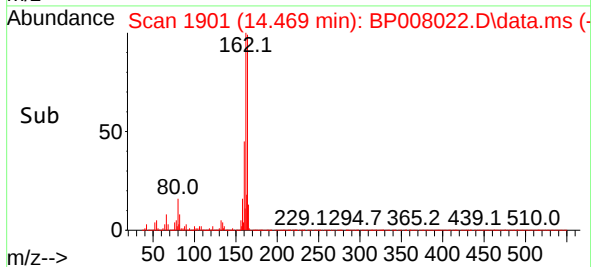
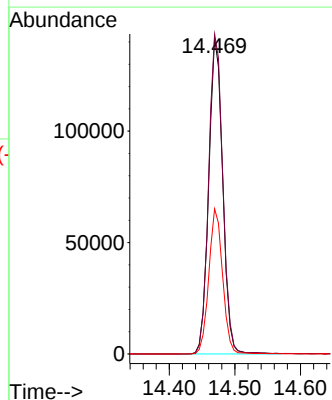
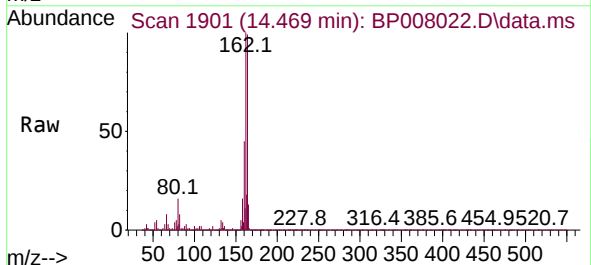
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

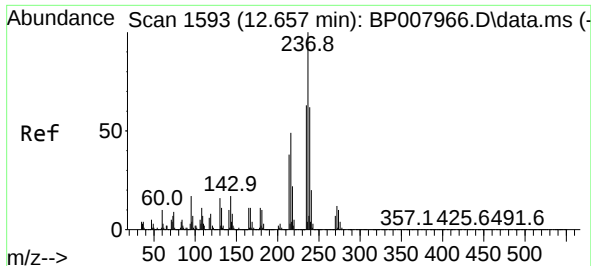
Tgt Ion: 82 Resp: 340836
Ion Ratio Lower Upper
82 100
128 42.6 32.6 48.8
54 49.4 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion: 164 Resp: 210017
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 45.9 36.0 54.0

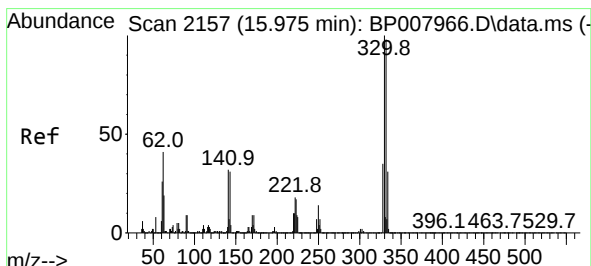
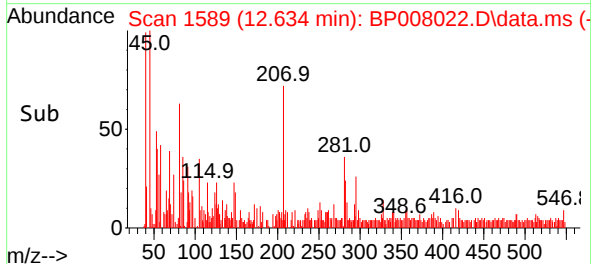
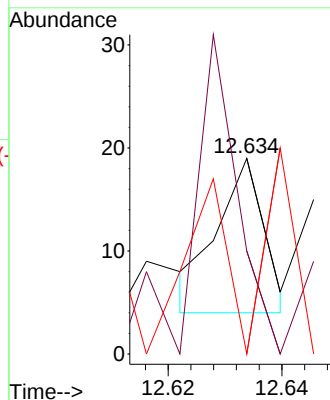
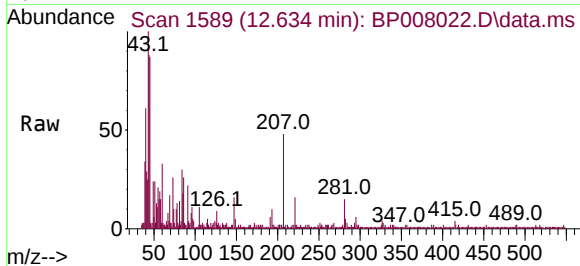




#41
Hexachlorocyclopentadiene
Concen: 3.072 ng
RT: 12.634 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

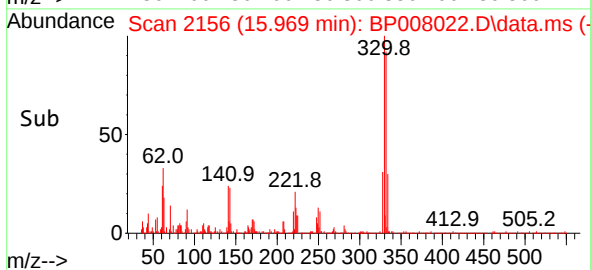
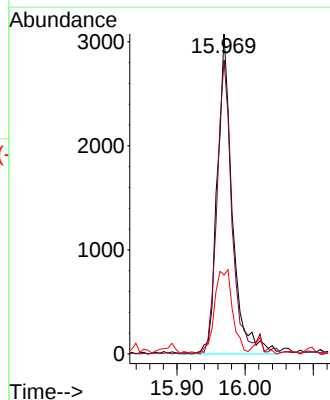
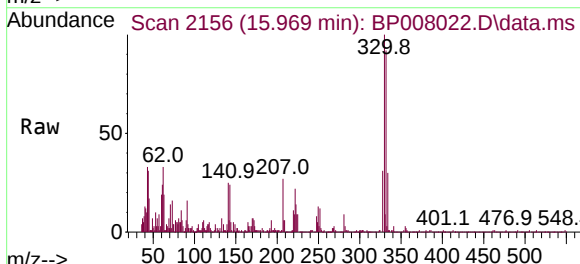
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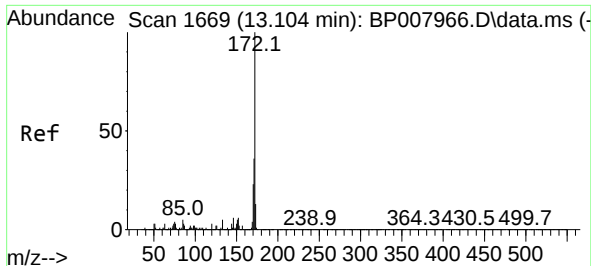
Tgt Ion:237	Resp:	8
Ion Ratio	Lower	Upper
237	100	
235	52.6	41.2 81.2
272	0.0	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 1.438 ng
RT: 15.969 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:330	Resp:	4752
Ion Ratio	Lower	Upper
330	100	
332	89.5	78.9 118.3
141	31.4	30.7 46.1

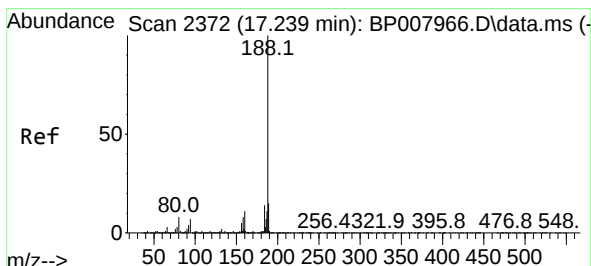
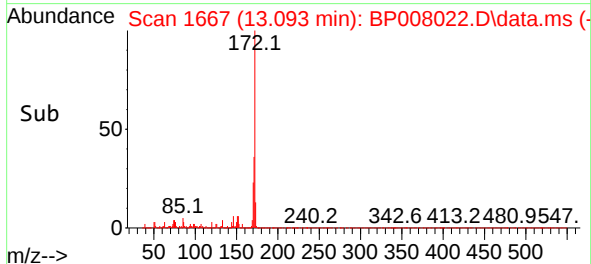
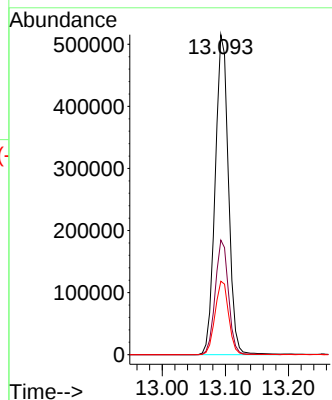
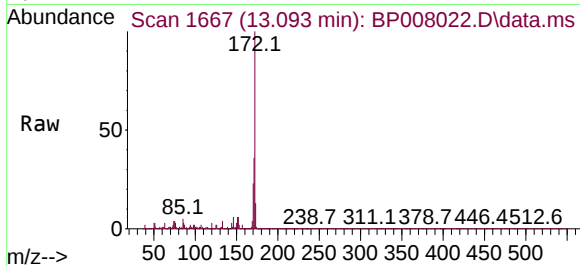




#45
2-Fluorobiphenyl
Concen: 50.268 ng
RT: 13.093 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

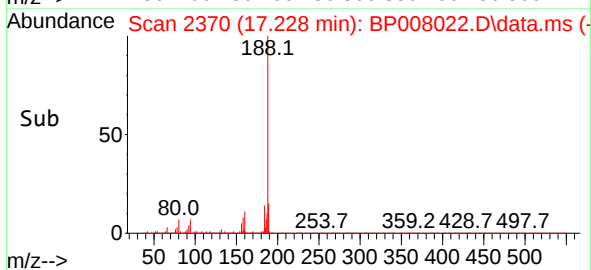
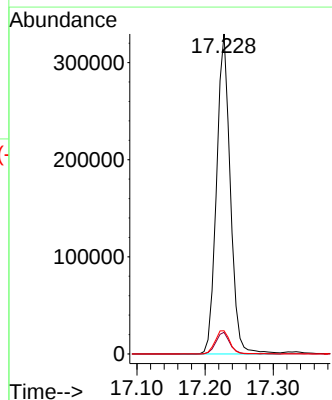
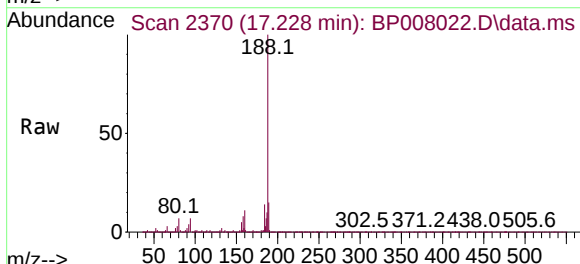
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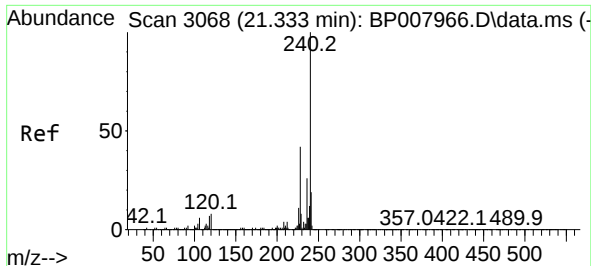
Tgt Ion:172 Resp: 752623
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.0 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:188 Resp: 463313
Ion Ratio Lower Upper
188 100
94 6.7 7.1 10.7#
80 7.3 7.8 11.6#

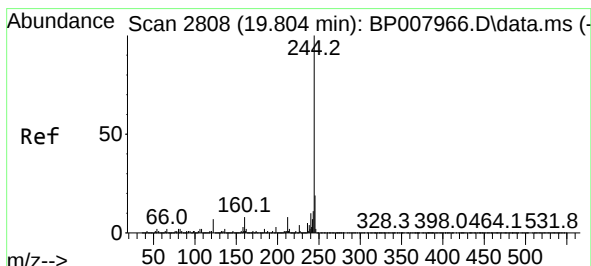
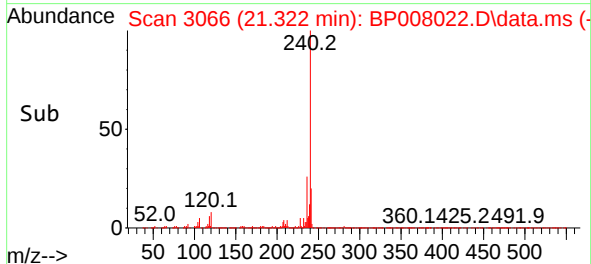
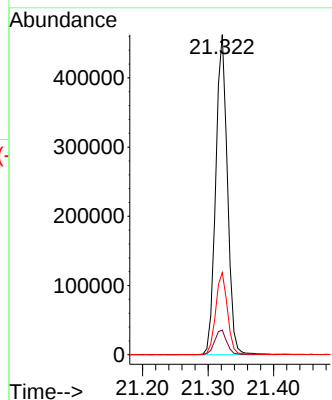
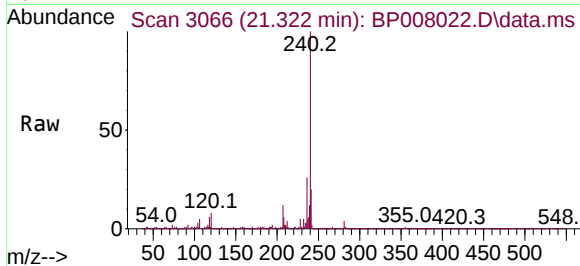




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

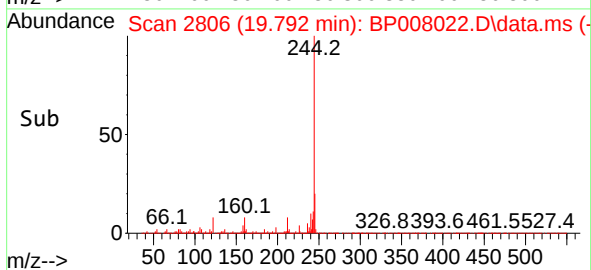
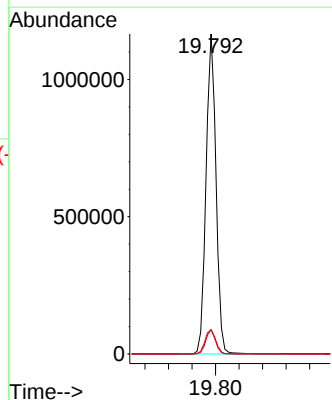
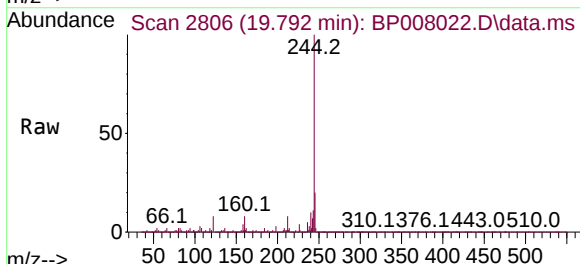
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

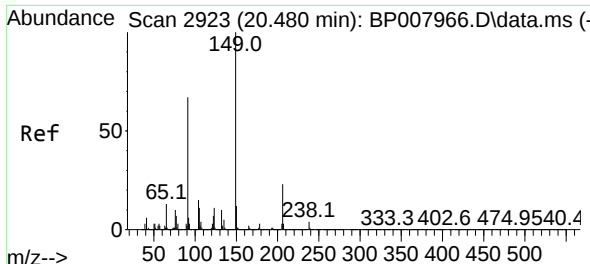
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Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.8#
236 25.7 20.6 30.8



#79
Terphenyl-d14
Concen: 48.515 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:244 Resp: 1367104
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 7.6 7.8 11.8#

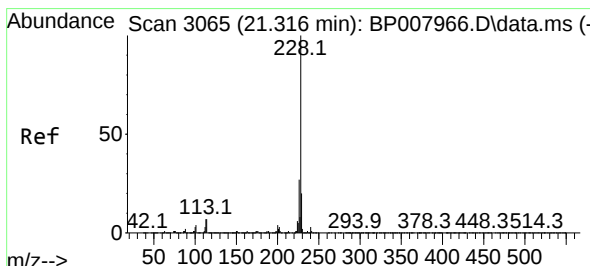
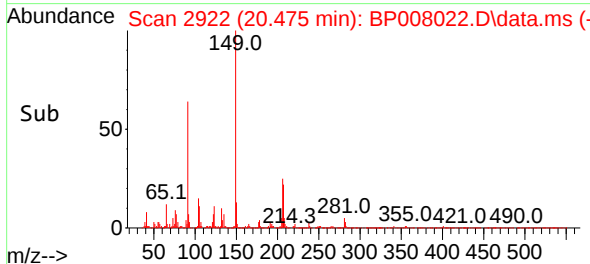
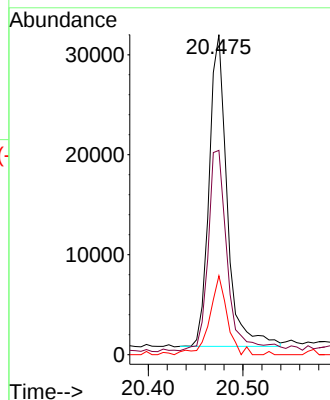
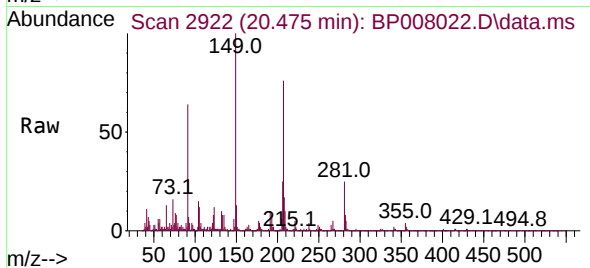




#80
Butylbenzylphthalate
Concen: 2.912 ng
RT: 20.475 min Scan# 2923
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

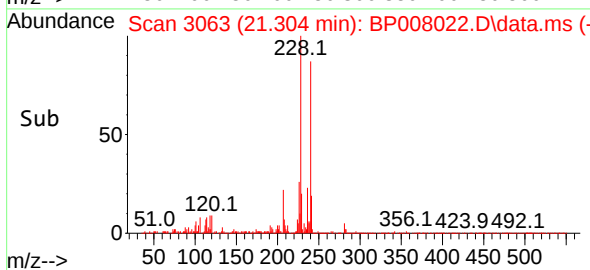
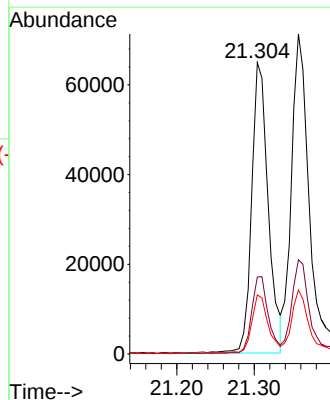
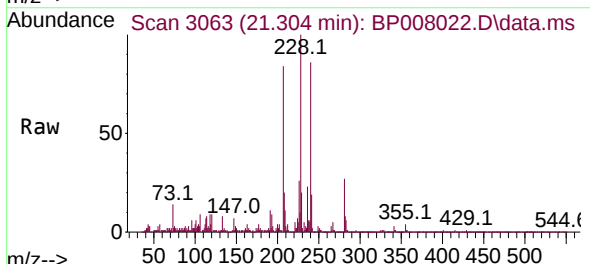
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

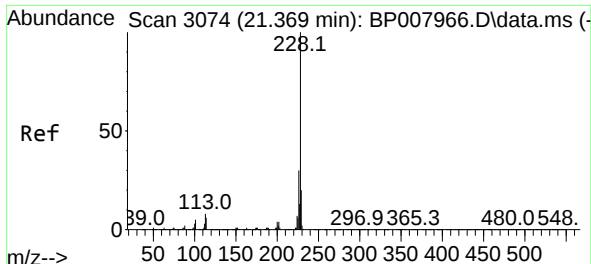
Tgt Ion:149 Resp: 41089
Ion Ratio Lower Upper
149 100
91 63.9 56.6 85.0
206 24.6 17.4 26.2



#81
Benzo(a)anthracene
Concen: 2.558 ng
RT: 21.304 min Scan# 3063
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:228 Resp: 96209
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.6
229 20.3 15.7 23.5

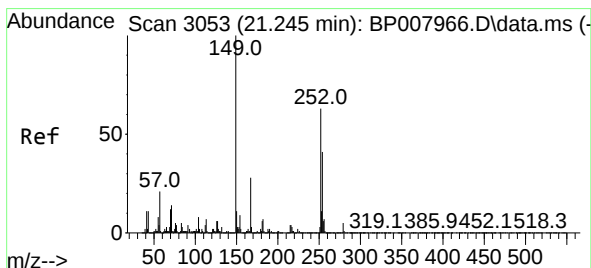
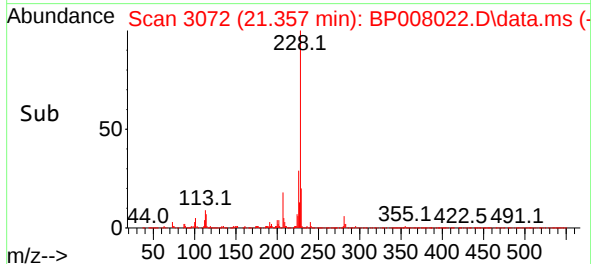
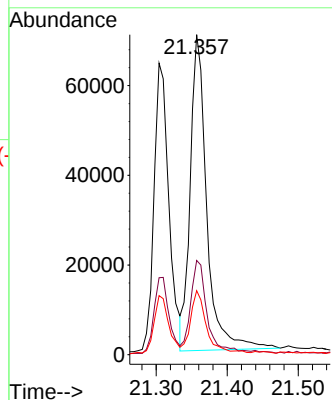
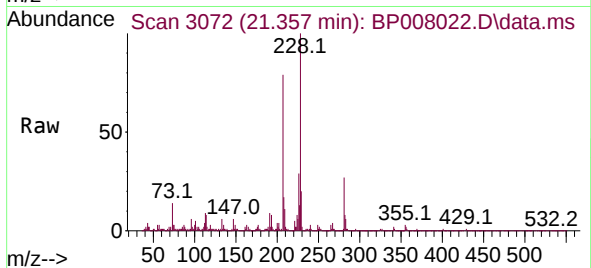




#83
Chrysene
Concen: 3.164 ng
RT: 21.357 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

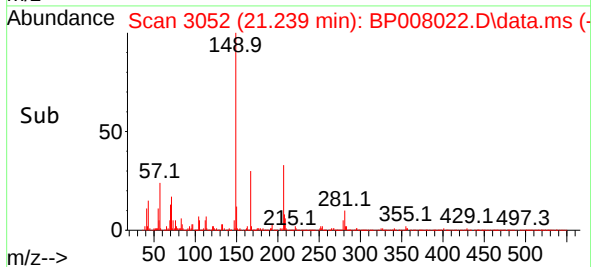
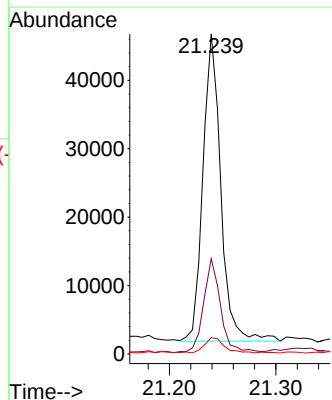
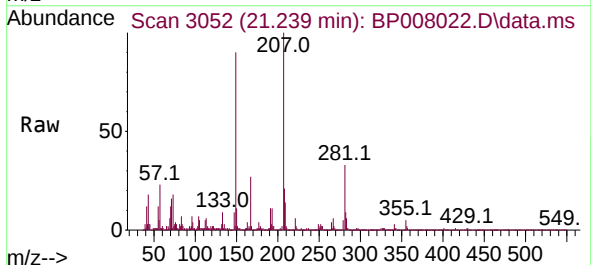
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

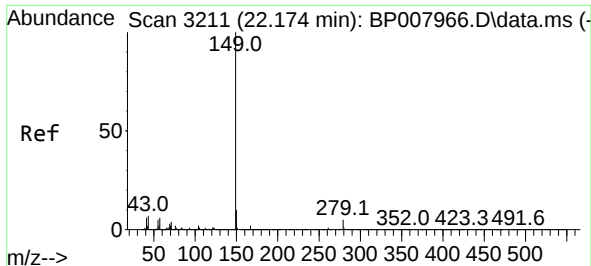
Tgt Ion:228 Resp: 114082
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.606 ng
RT: 21.239 min Scan# 3052
Delta R.T. -0.006 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:149 Resp: 52501
Ion Ratio Lower Upper
149 100
167 29.7 21.6 32.4
279 5.1 3.3 4.9#

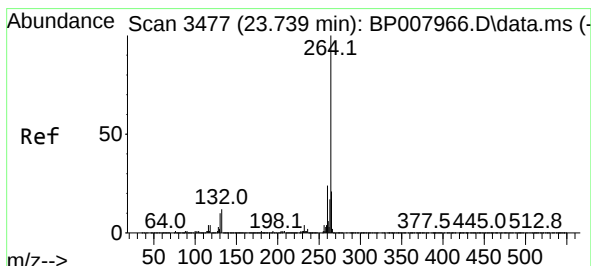
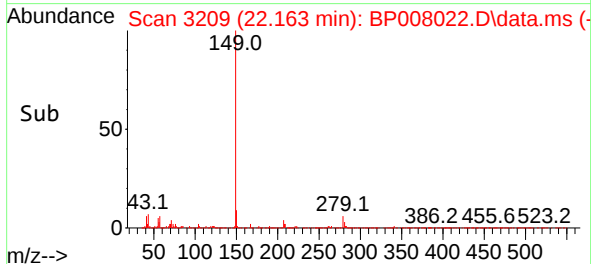
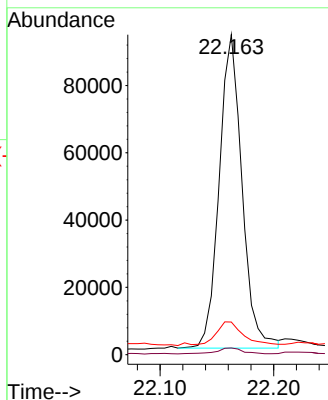
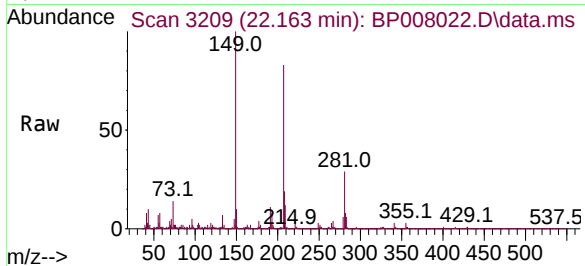




#85
Di-n-octyl phthalate
Concen: 3.507 ng
RT: 22.163 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

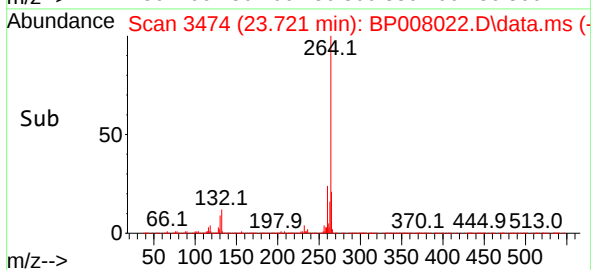
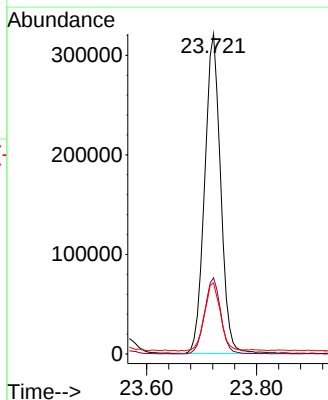
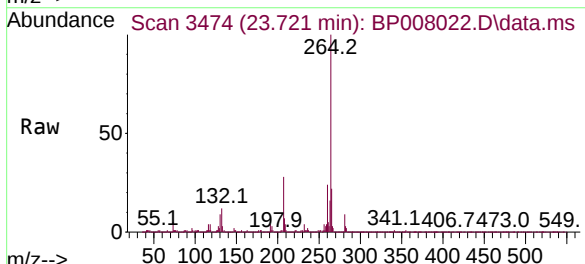
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

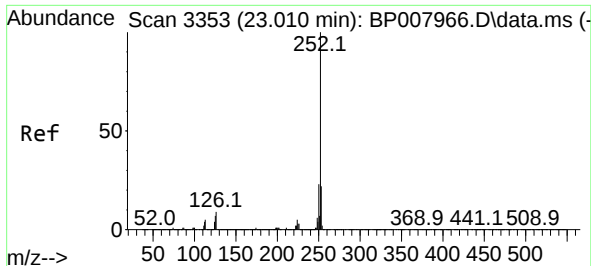
Tgt Ion:149 Resp: 130197
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9#
43 8.7 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3474
Delta R.T. -0.017 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:264 Resp: 646239
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.2 16.7 25.1

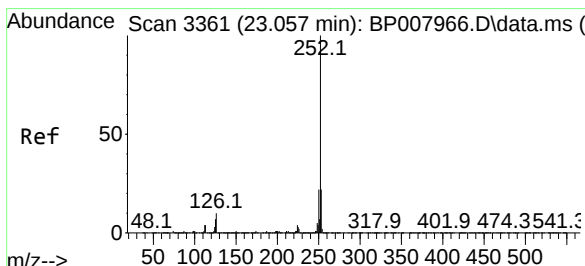
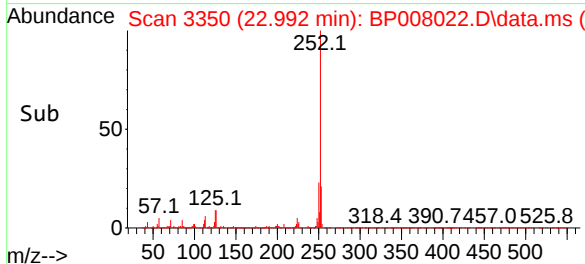
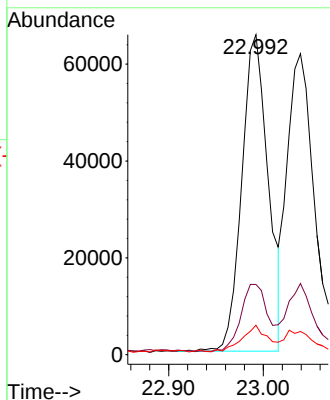
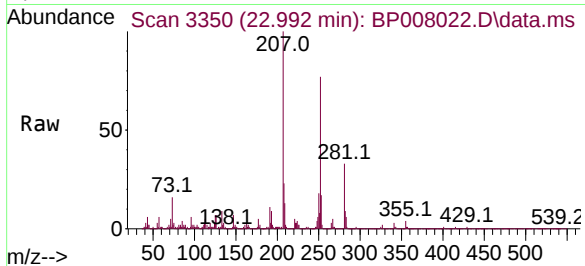




#88
Benzo(b)fluoranthene
Concen: 3.292 ng
RT: 22.992 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

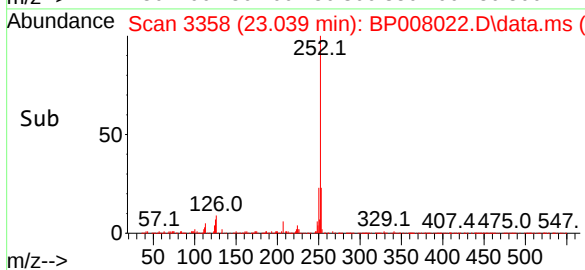
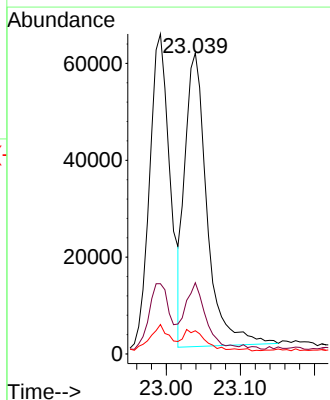
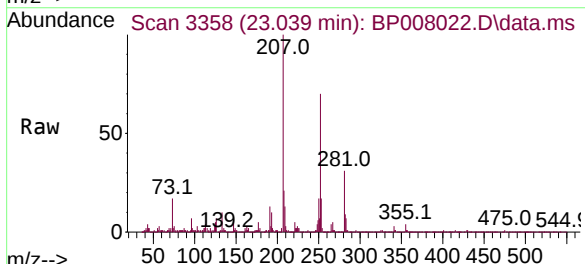
Instrument :
BNA_P
ClientSampleId :
CONCRETERE

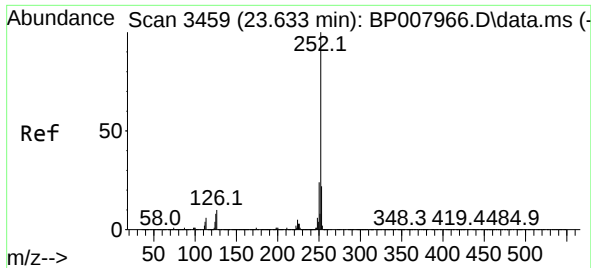
Tgt Ion:252 Resp: 126653
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.2 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 3.275 ng
RT: 23.039 min Scan# 3358
Delta R.T. -0.018 min
Lab File: BP008022.D
Acq: 18 Nov 2021 18:27

Tgt Ion:252 Resp: 125868
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 7.7 7.4 11.0





#90
 Benzo(a)pyrene
 Concen: 2.277 ng
 RT: 23.616 min Scan# 34
 Delta R.T. -0.017 min
 Lab File: BP008022.D
 Acq: 18 Nov 2021 18:27

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETERE

Tgt Ion:252	Resp:	74907
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.6 26.4
125	9.1	8.4 12.6

