

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019756.D
 Acq On : 16 Feb 2024 21:29
 Operator : MA/JU
 Sample : P1472-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-021424

Quant Time: Feb 19 00:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

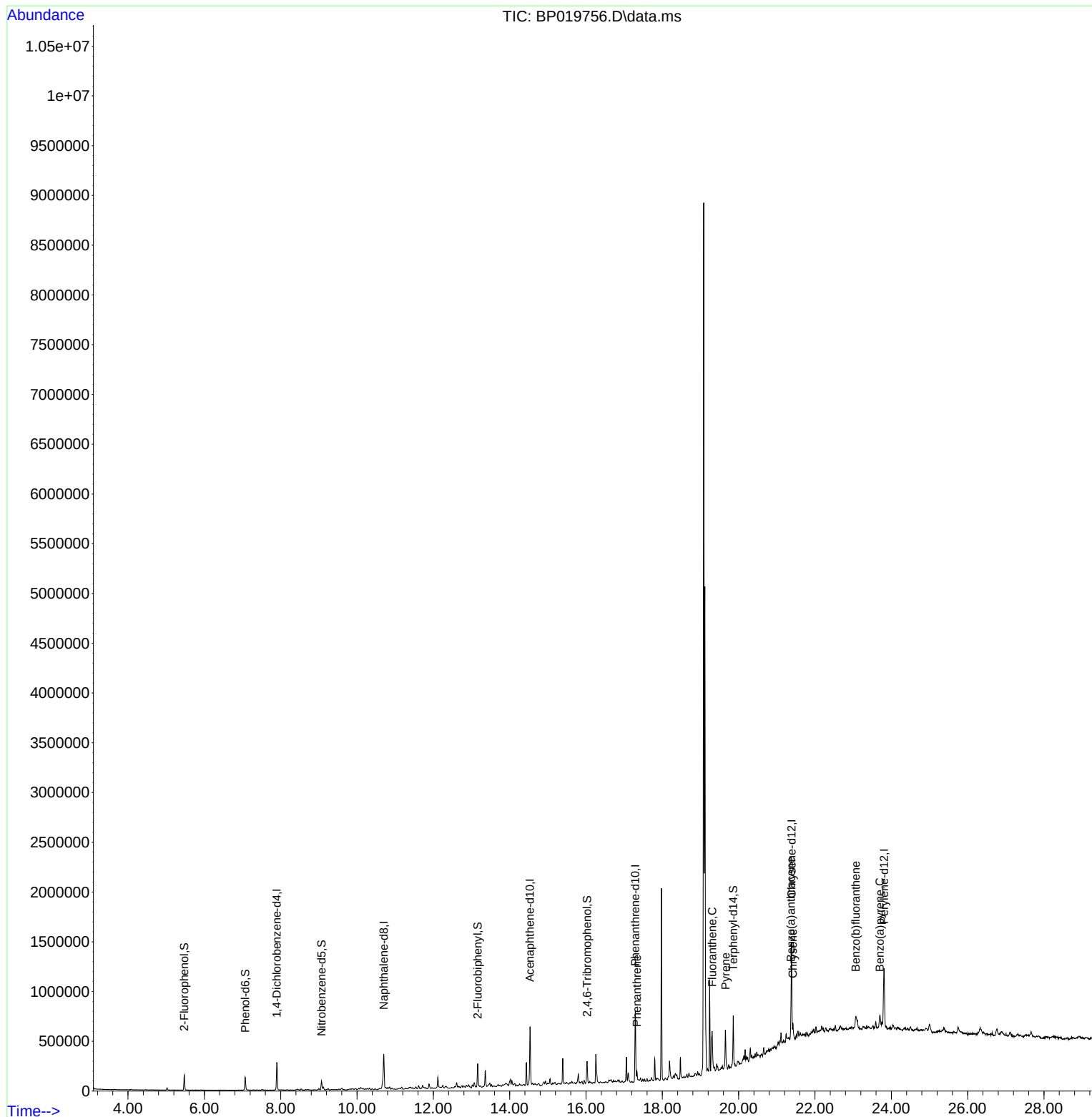
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	77113	20.000	ng	-0.02
21) Naphthalene-d8	10.698	136	286307	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	199235	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	456189	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	455138	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	519989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	62090	12.979	ng	-0.01
7) Phenol-d6	7.069	99	76353	11.837	ng	-0.02
23) Nitrobenzene-d5	9.069	82	53378	8.079	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	46882	16.116	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	132731	8.236	ng	-0.02
79) Terphenyl-d14	19.857	244	252601	9.127	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.333	178	60478	2.519	ng	97
75) Fluoranthene	19.304	202	155554	5.304	ng	98
78) Pyrene	19.657	202	175372	5.460	ng	98
81) Benzo(a)anthracene	21.368	228	104103	3.249	ng	# 93
83) Chrysene	21.421	228	99041	3.256	ng	# 91
88) Benzo(b)fluoranthene	23.068	252	113887	3.475	ng	# 81
90) Benzo(a)pyrene	23.698	252	93027	3.190	ng	# 86

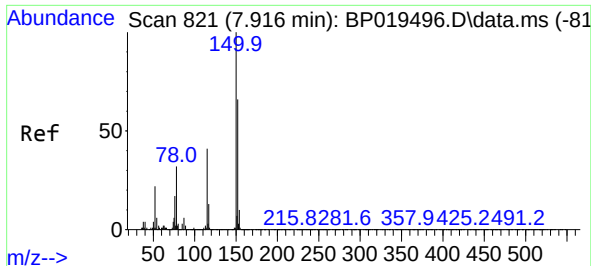
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
Data File : BP019756.D
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Operator : MA/JU
Sample : P1472-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Time: Feb 19 00:29:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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QLast Update : Thu Feb 01 00:51:48 2024
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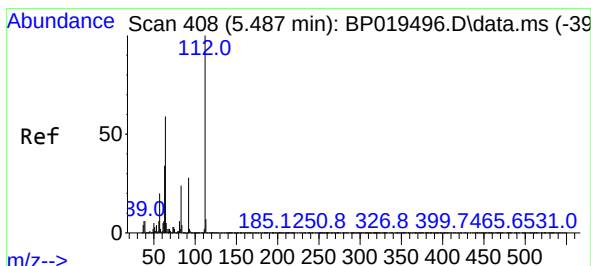
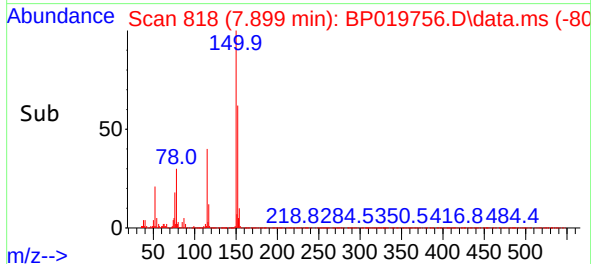
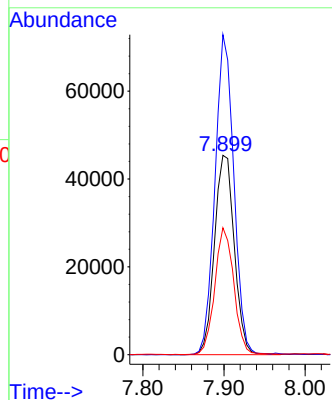
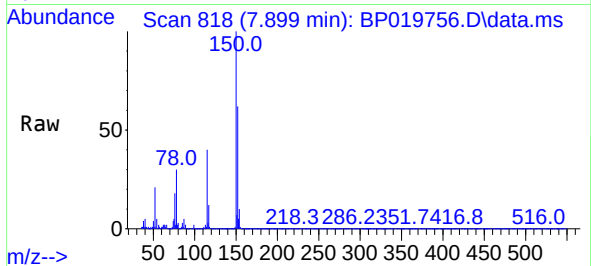




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

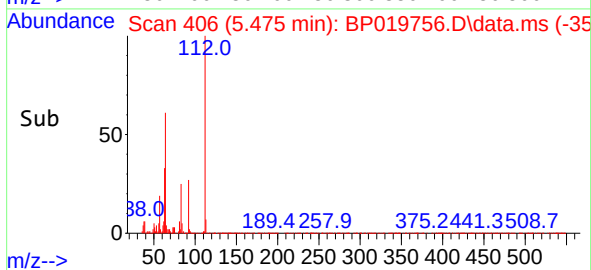
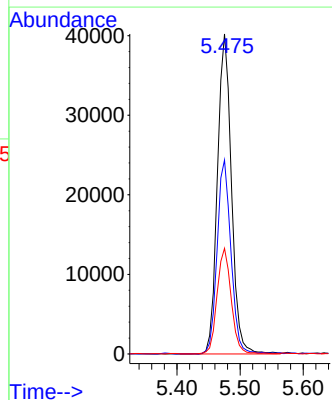
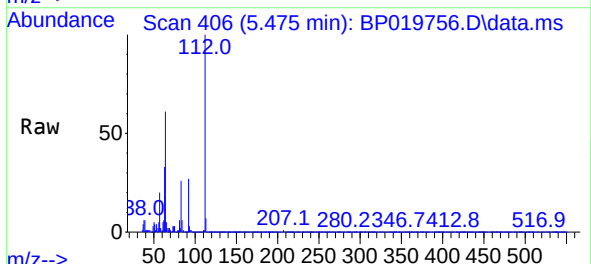
Instrument :
BNA_P
ClientSampleId :
TR-04-021424

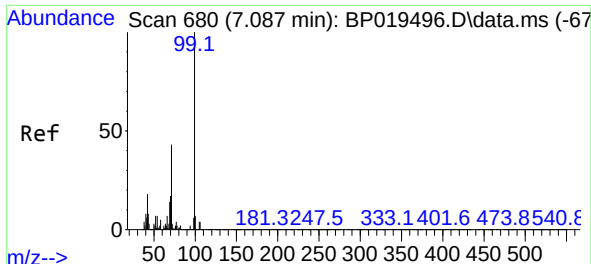
Tgt Ion:152 Resp: 77113
Ion Ratio Lower Upper
152 100
150 160.6 121.8 182.8
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 12.979 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:112 Resp: 62090
Ion Ratio Lower Upper
112 100
64 60.6 47.4 71.0
63 33.0 27.0 40.6



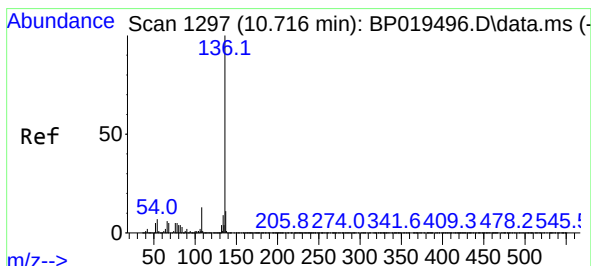
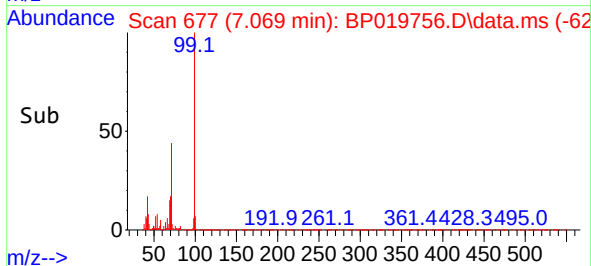
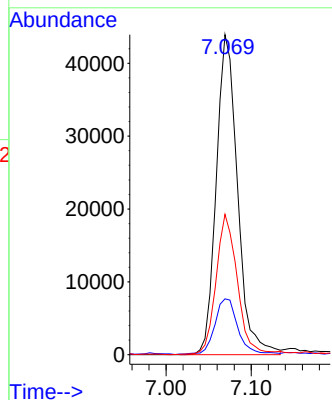
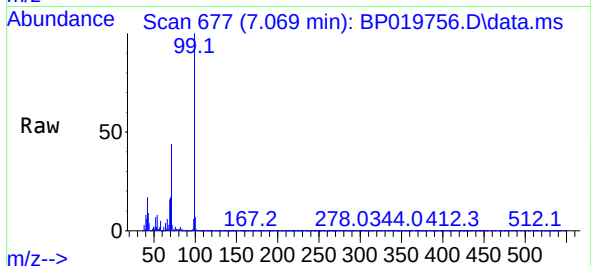


#7
Phenol-d6
Concen: 11.837 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Instrument :
BNA_P
ClientSampleId :
TR-04-021424

Tgt Ion: 99 Resp: 76353

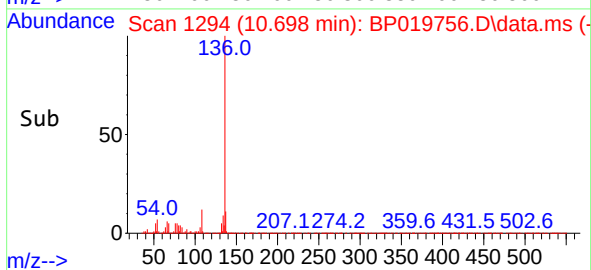
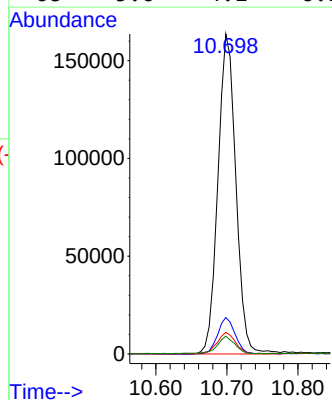
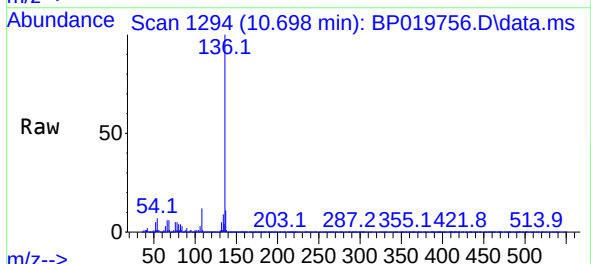
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.7	22.1
71	43.8	34.8	52.2

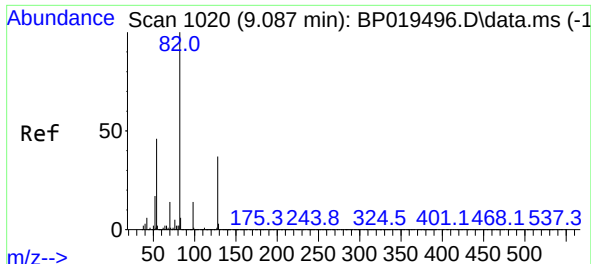


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion: 136 Resp: 286307

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.3	7.9
68	5.6	4.1	6.1

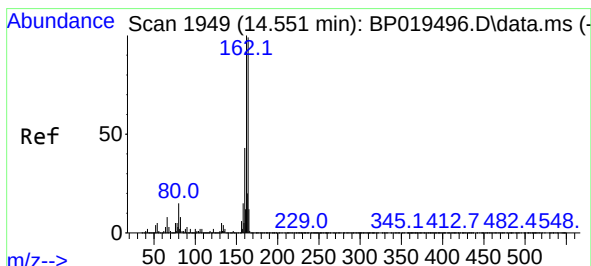
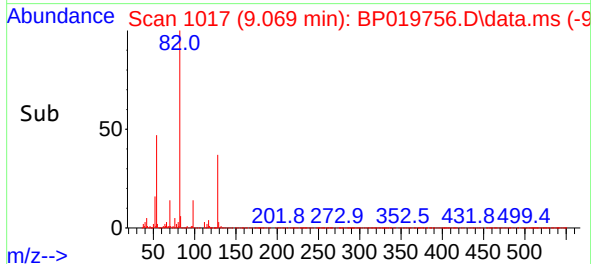
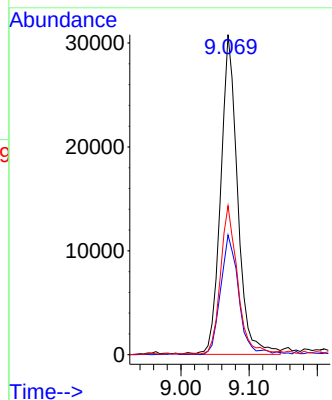
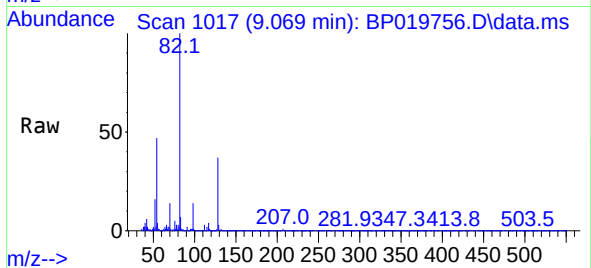




#23
Nitrobenzene-d5
Concen: 8.079 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

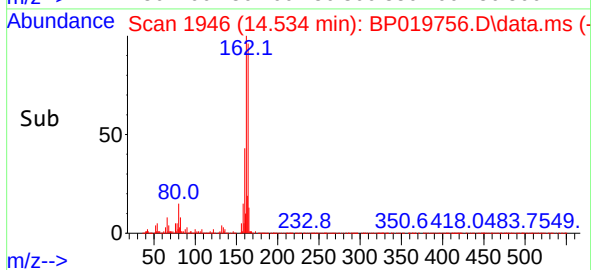
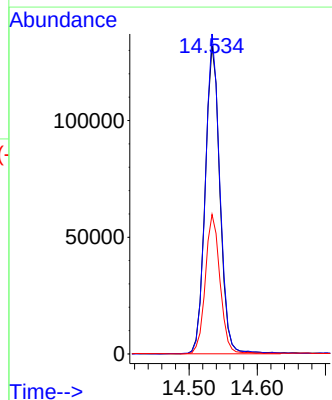
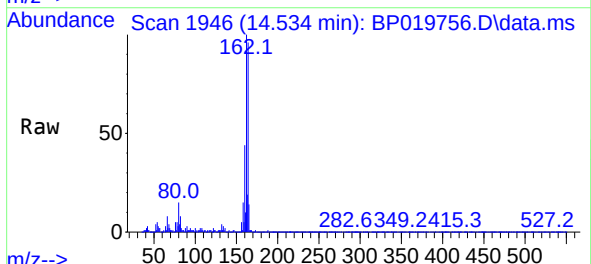
Instrument :
BNA_P
ClientSampleId :
TR-04-021424

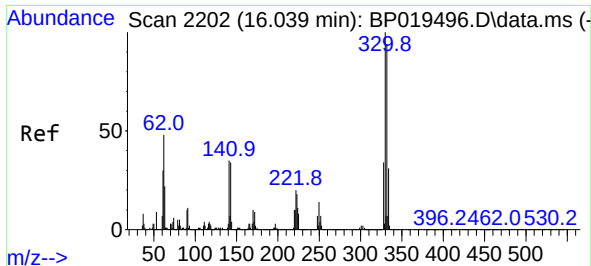
Tgt Ion: 82 Resp: 53378
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 46.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion: 164 Resp: 199235
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 45.3 35.1 52.7

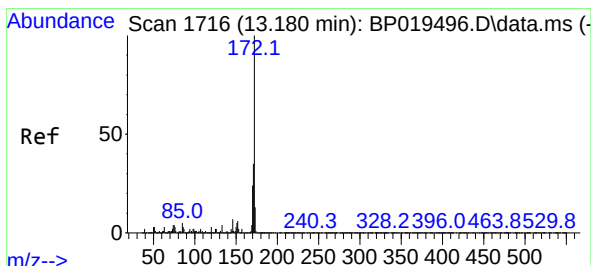
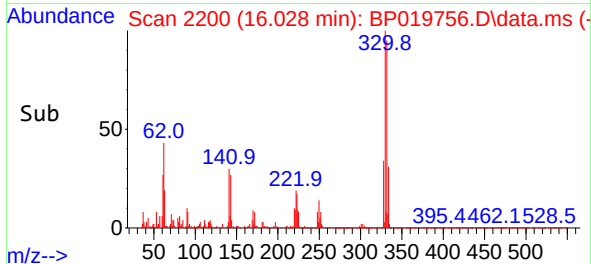
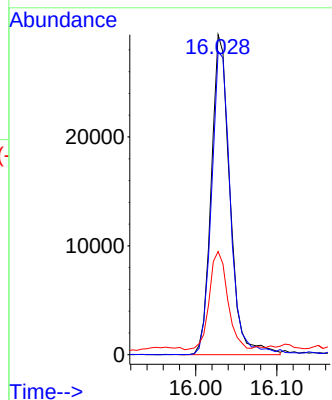
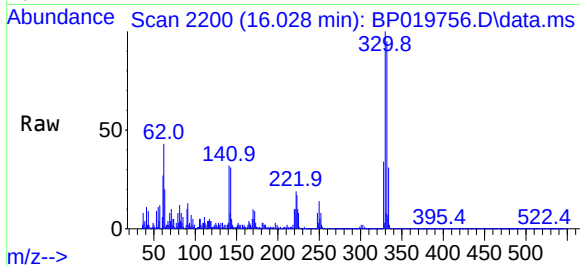




#42
2,4,6-Tribromophenol
Concen: 16.116 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

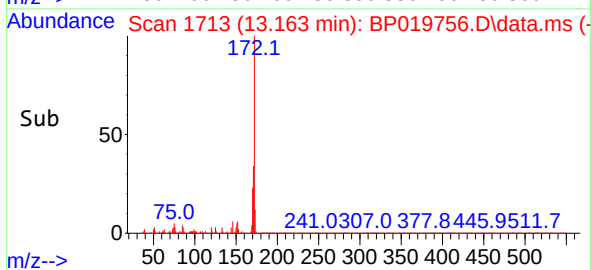
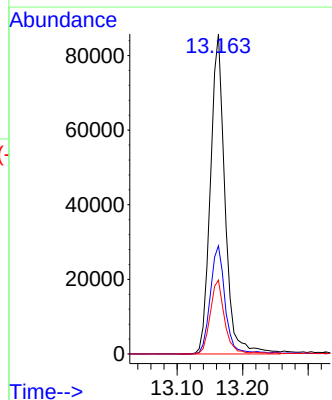
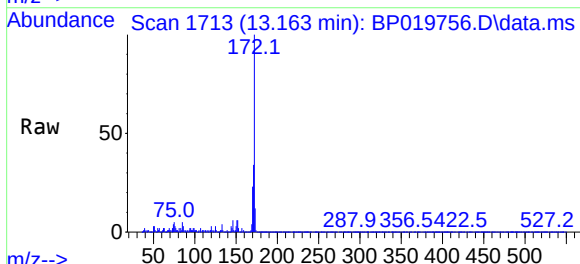
Instrument :
BNA_P
ClientSampleId :
TR-04-021424

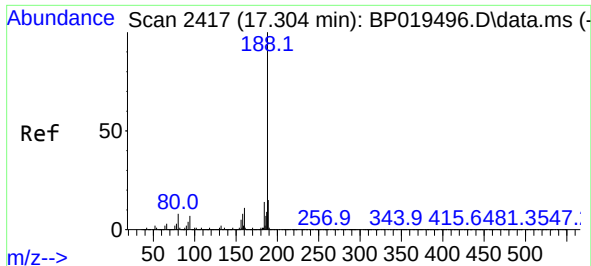
Tgt Ion:	330	Resp:	46882
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	30.3	27.0	40.4



#45
2-Fluorobiphenyl
Concen: 8.236 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:	172	Resp:	132731
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.4
170	23.1	18.9	28.3

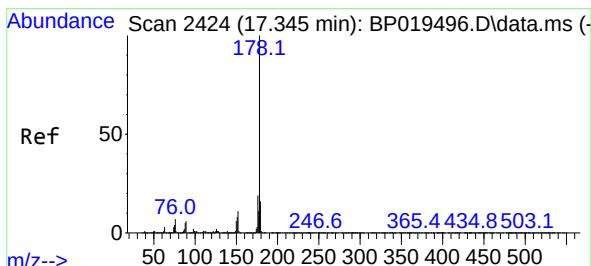
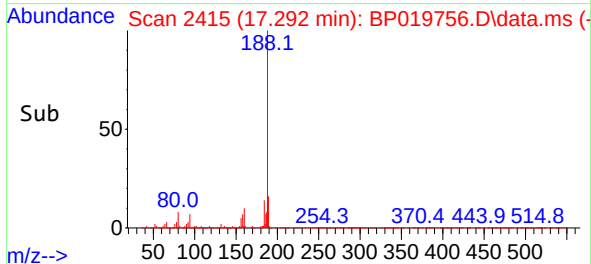
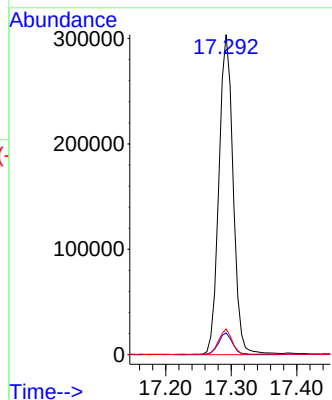
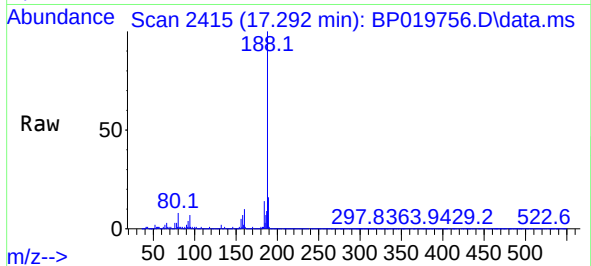




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

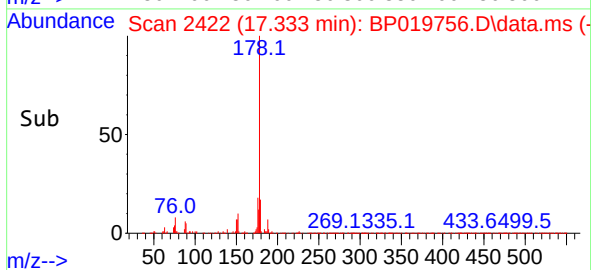
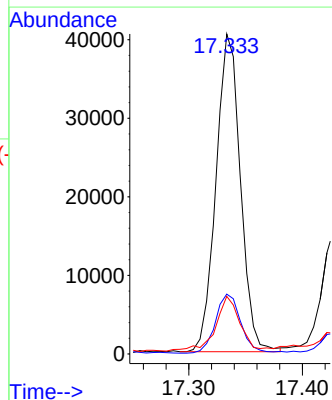
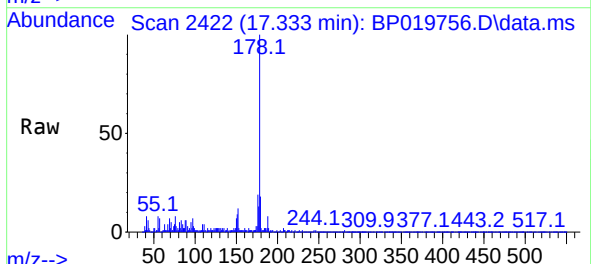
Instrument :
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ClientSampleId :
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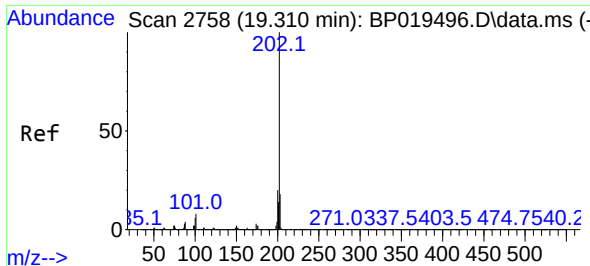
Tgt Ion:188 Resp: 456189
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.0 6.3 9.5



#71
Phenanthrene
Concen: 2.519 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:178 Resp: 60478
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 18.0 12.6 19.0

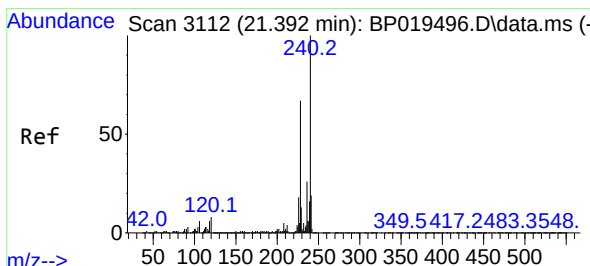
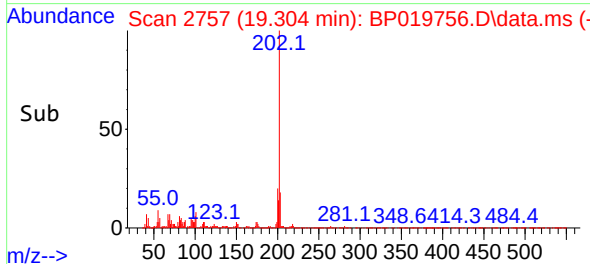
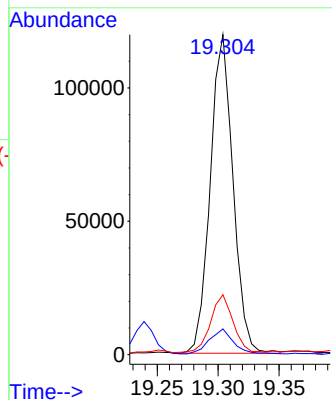
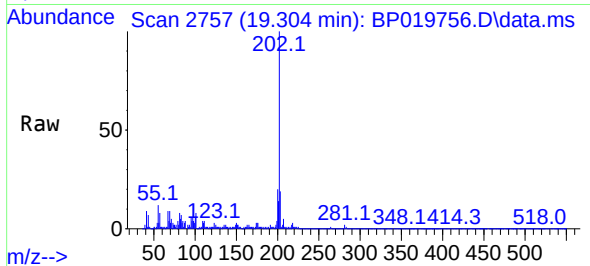




#75
Fluoranthene
Concen: 5.304 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

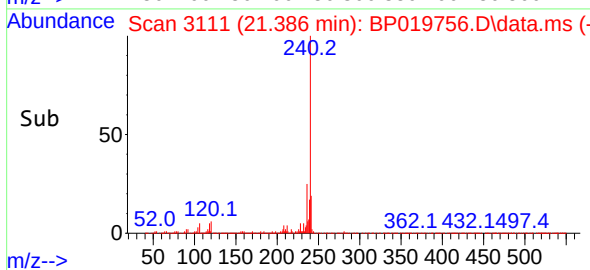
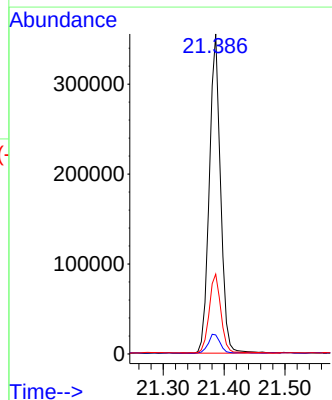
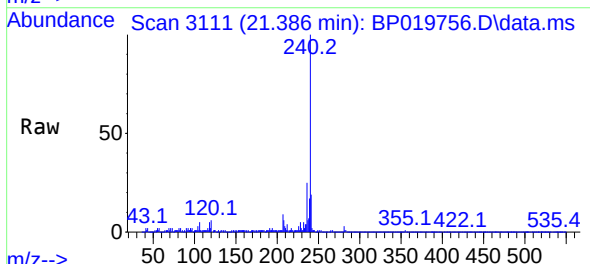
Instrument :
BNA_P
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TR-04-021424

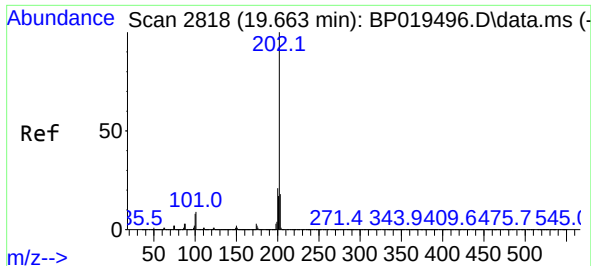
Tgt Ion:	202	Resp:	155554
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.7
203	18.8	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:	240	Resp:	455138
Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.1	9.1#
236	24.9	20.7	31.1

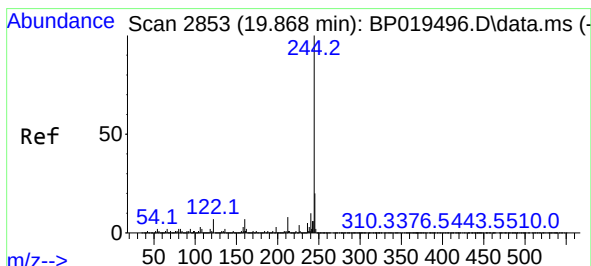
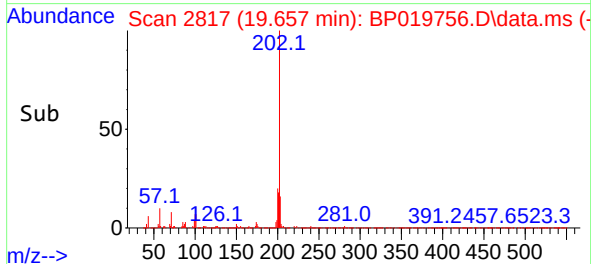
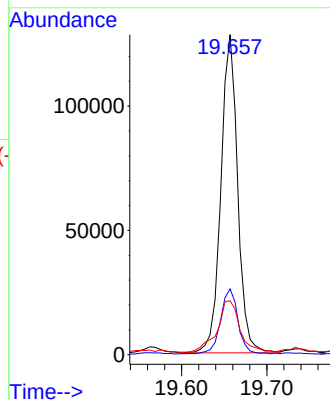
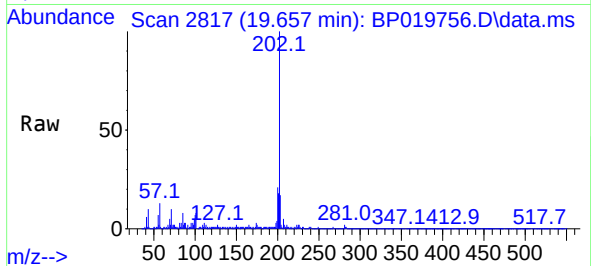




#78
Pyrene
Concen: 5.460 ng
RT: 19.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

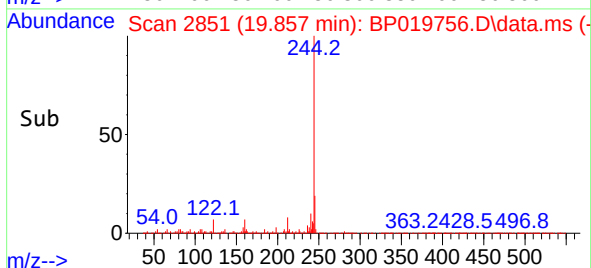
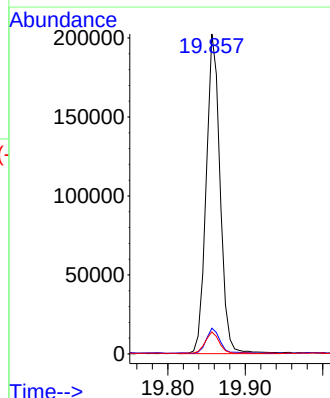
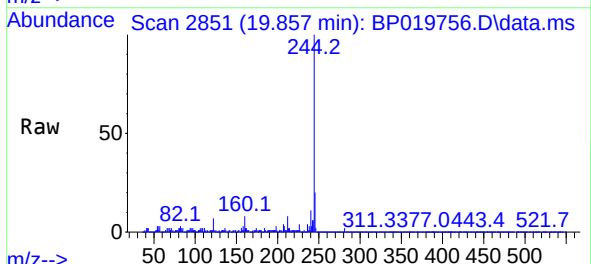
Instrument :
BNA_P
ClientSampleId :
TR-04-021424

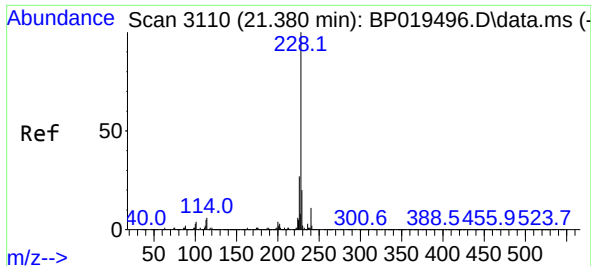
Tgt Ion:	202	Resp:	175372
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.8	14.2	21.2



#79
Terphenyl-d14
Concen: 9.127 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:	244	Resp:	252601
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	6.9	5.9	8.9

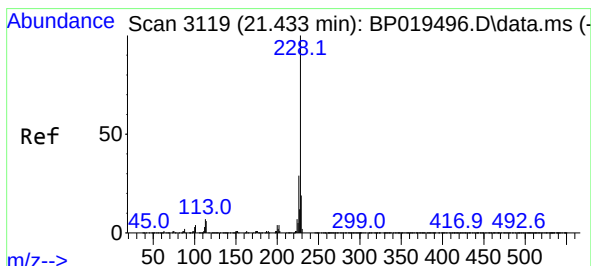
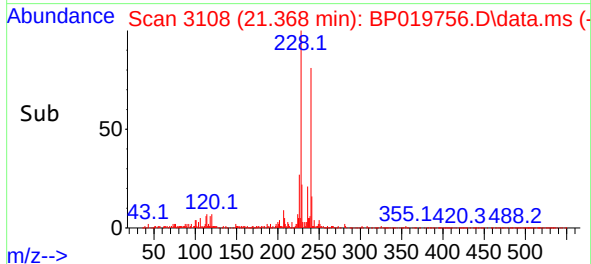
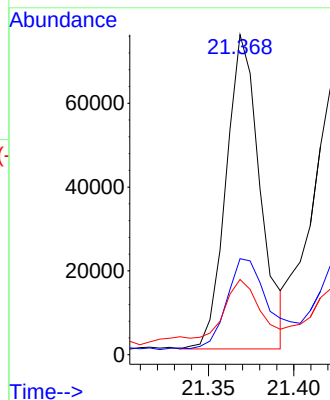
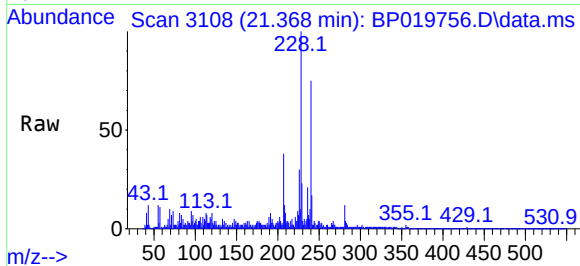




#81
Benzo(a)anthracene
Concen: 3.249 ng
RT: 21.368 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

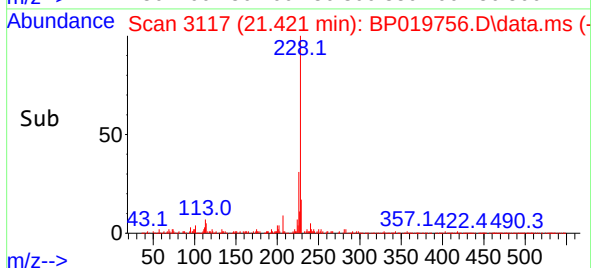
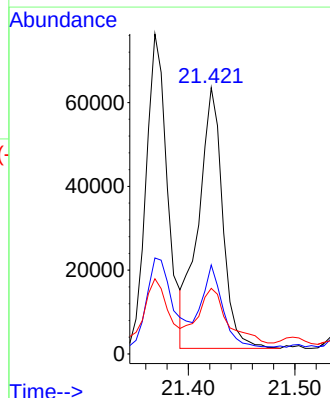
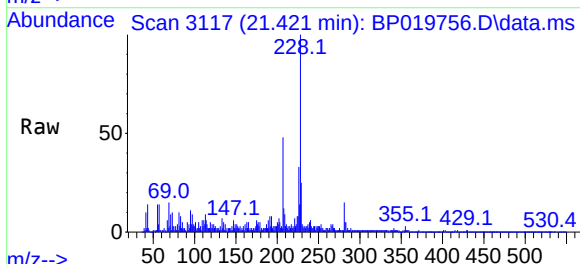
Instrument :
BNA_P
ClientSampleId :
TR-04-021424

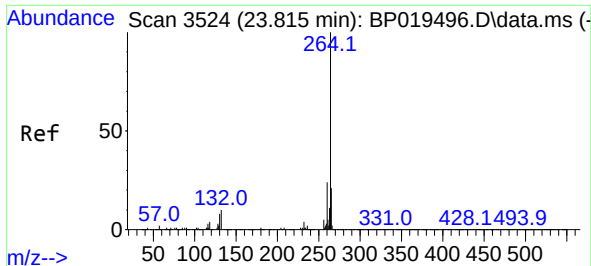
Tgt Ion:228 Resp: 104103
Ion Ratio Lower Upper
228 100
226 30.0 21.7 32.5
229 23.5 15.6 23.4#



#83
Chrysene
Concen: 3.256 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Tgt Ion:228 Resp: 99041
Ion Ratio Lower Upper
228 100
226 33.4 23.4 35.2
229 24.6 15.6 23.4#

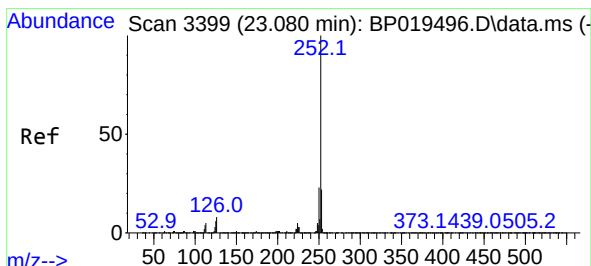
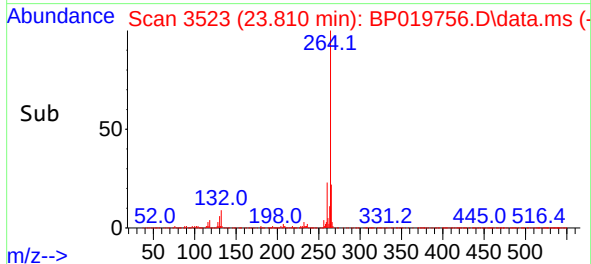
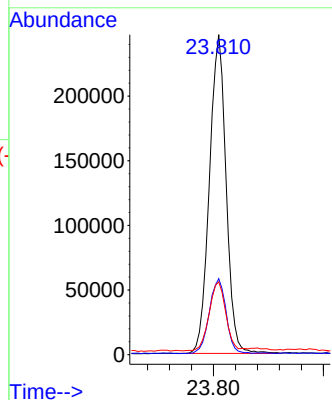
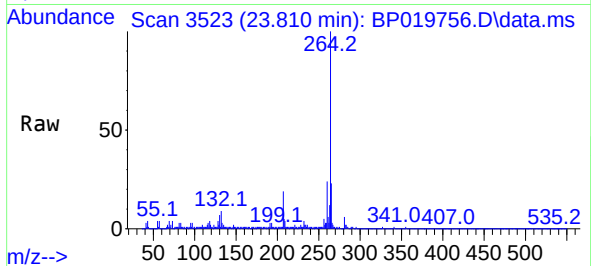




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.810 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP019756.D
 Acq: 16 Feb 2024 21:29

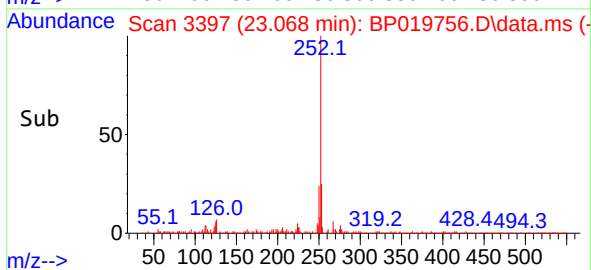
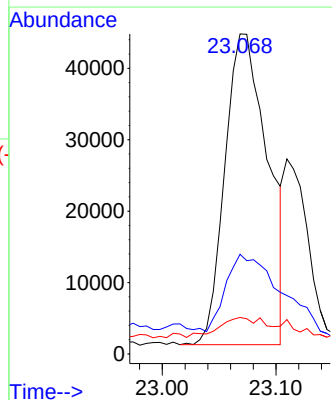
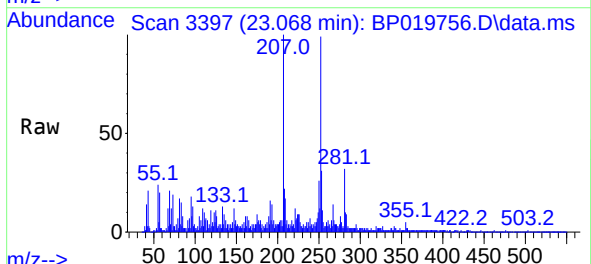
Instrument :
 BNA_P
 ClientSampleId :
 TR-04-021424

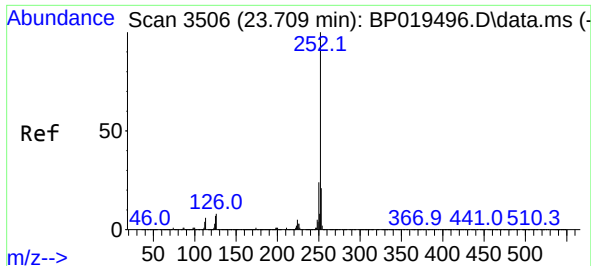
Tgt Ion:264 Resp: 519989
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.7 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 3.475 ng
 RT: 23.068 min Scan# 3397
 Delta R.T. -0.012 min
 Lab File: BP019756.D
 Acq: 16 Feb 2024 21:29

Tgt Ion:252 Resp: 113887
 Ion Ratio Lower Upper
 252 100
 253 31.2 17.3 25.9#
 125 11.4 4.9 7.3#





#90
Benzo(a)pyrene
Concen: 3.190 ng
RT: 23.698 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019756.D
Acq: 16 Feb 2024 21:29

Instrument :
BNA_P
ClientSampleId :
TR-04-021424

Tgt Ion:252 Resp: 93027
Ion Ratio Lower Upper
252 100
253 27.4 17.1 25.7#
125 12.6 5.6 8.4#

