

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009434.D
 Acq On : 16 Mar 2022 21:42
 Operator : CG/JU
 Sample : N1956-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TPK-2

Quant Time: Mar 17 01:10:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

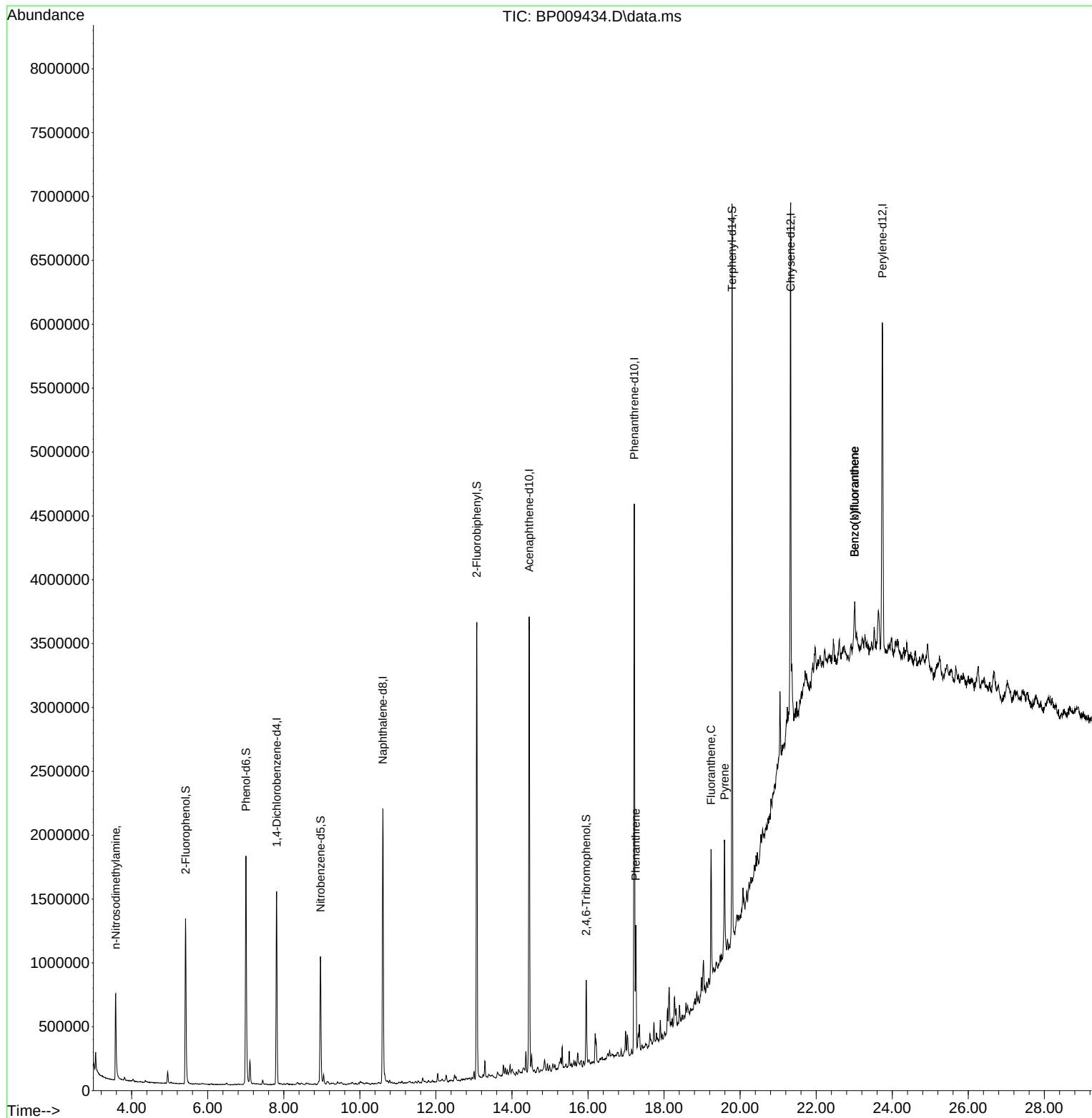
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	466735	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	2025470	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	1389486	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	2876171	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2166341	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	2193165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	716398	22.405	ng	0.00
7) Phenol-d6	7.005	99	1241327	30.549	ng	0.02
23) Nitrobenzene-d5	8.963	82	684370	18.610	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	167455	9.981	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2143388	21.214	ng	-0.01
79) Terphenyl-d14	19.786	244	3113288	27.120	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.581	42	25316	2.093	ng	# 1
71) Phenanthrene	17.257	178	654069	3.957	ng	99
75) Fluoranthene	19.233	202	581562	3.048	ng	97
78) Pyrene	19.592	202	590481	4.037	ng	98
88) Benzo(b)fluoranthene	23.010	252	331177	2.236	ng	# 65
89) Benzo(k)fluoranthene	23.010	252	331177	2.341	ng	# 64

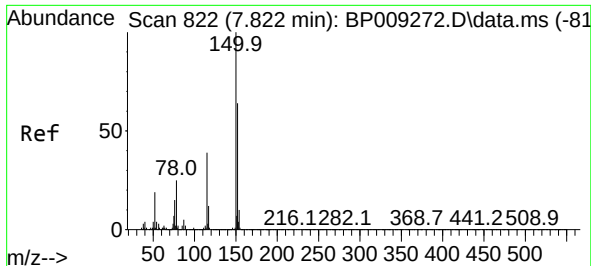
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009434.D
Acq On : 16 Mar 2022 21:42
Operator : CG/JU
Sample : N1956-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TPK-2

Quant Time: Mar 17 01:10:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

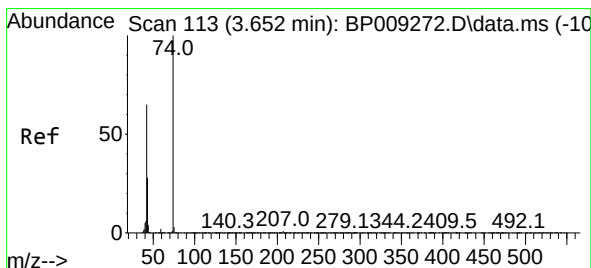
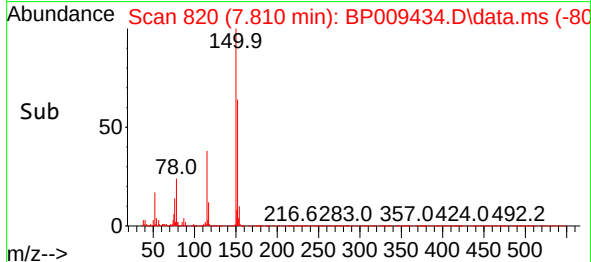
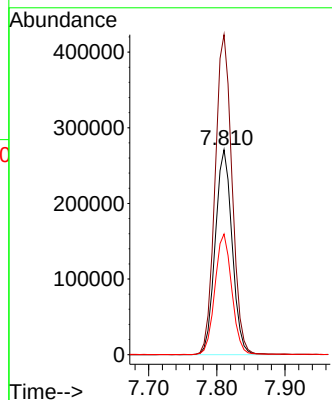
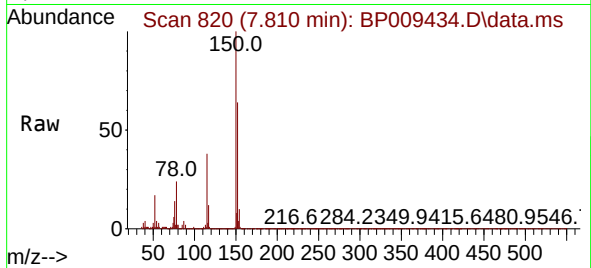




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

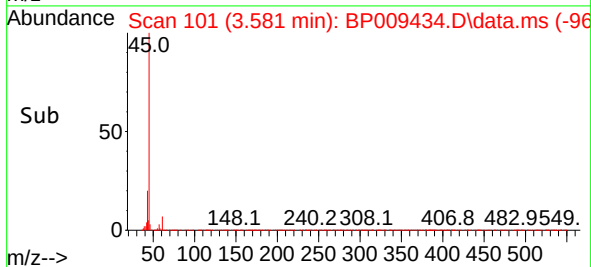
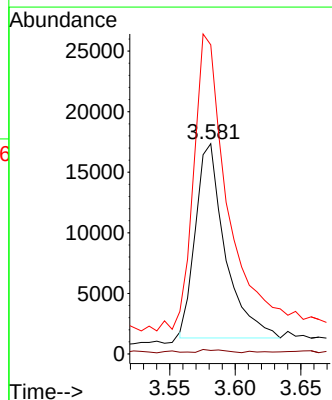
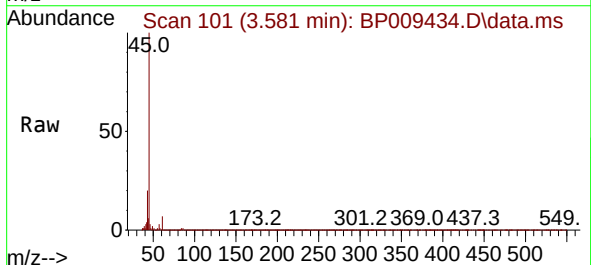
Instrument :
BNA_P
ClientSampleId :
TPK-2

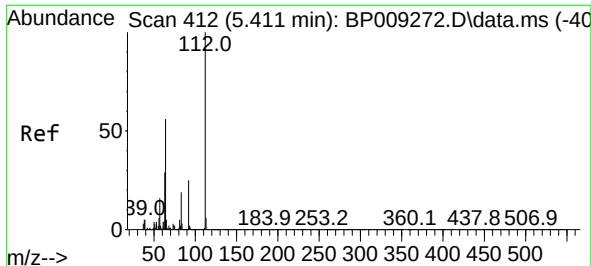
Tgt Ion:152 Resp: 466735
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 58.8 48.2 72.4



#4
n-Nitrosodimethylamine
Concen: 2.093 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.071 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion: 42 Resp: 25316
Ion Ratio Lower Upper
42 100
74 1.7 122.1 183.1#
44 147.0 5.8 8.8#

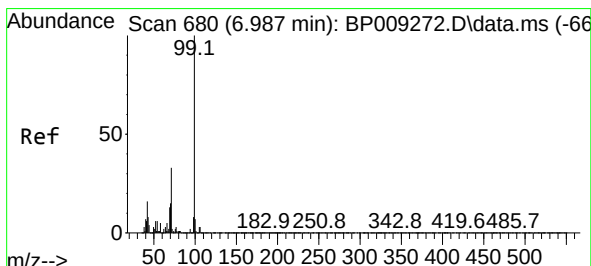
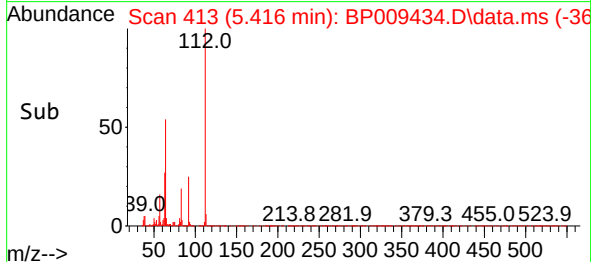
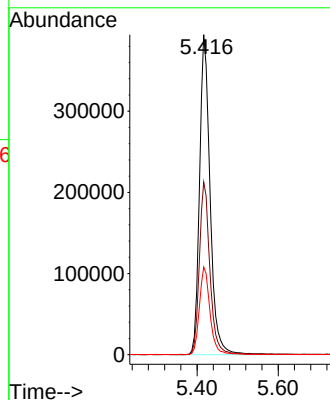
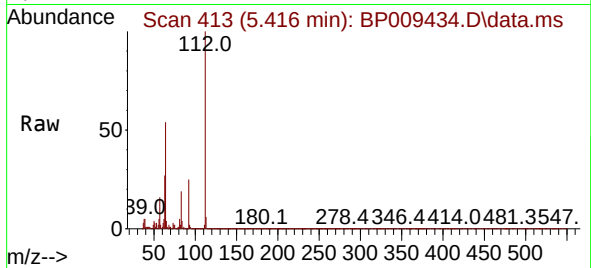




#5
2-Fluorophenol
Concen: 22.405 ng
RT: 5.416 min Scan# 412
Delta R.T. 0.005 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

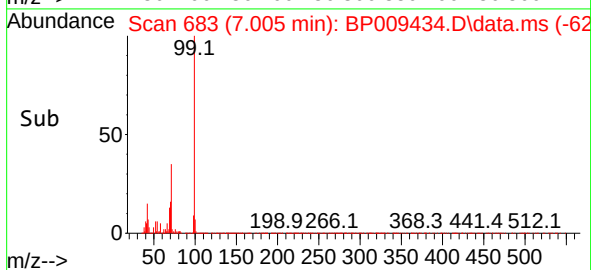
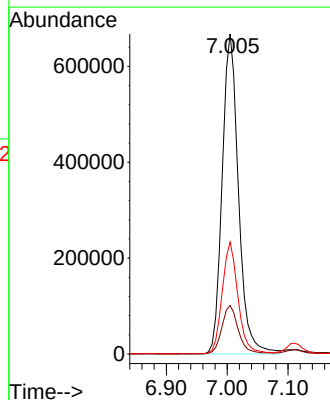
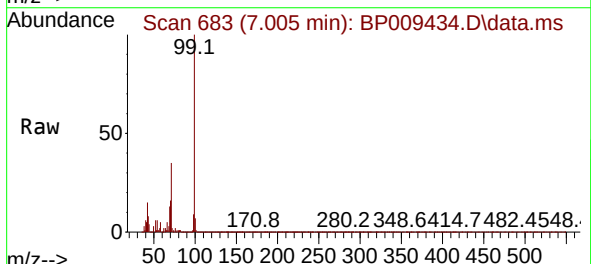
Instrument :
BNA_P
ClientSampleId :
TPK-2

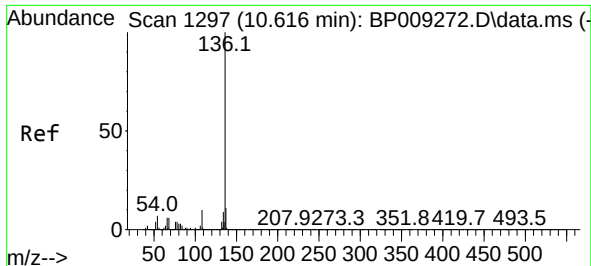
Tgt Ion:112 Resp: 716398
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 27.4 23.0 34.6



#7
Phenol-d6
Concen: 30.549 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.018 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion: 99 Resp: 1241327
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 35.0 26.3 39.5

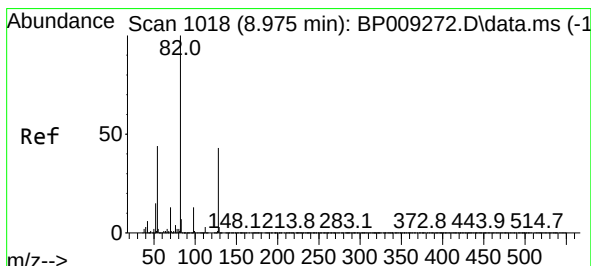
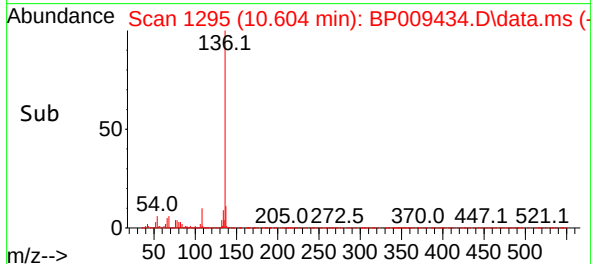
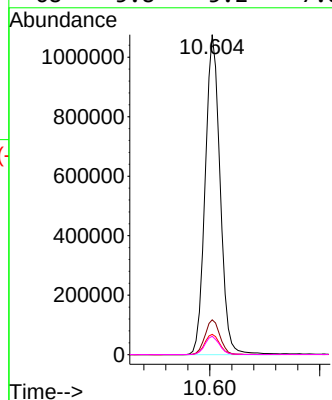
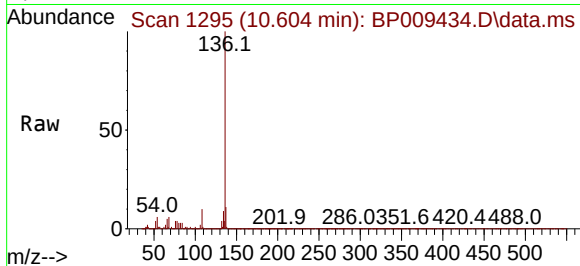




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

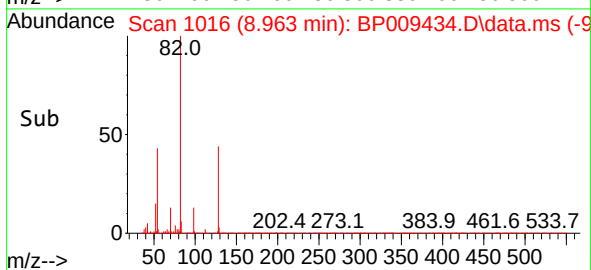
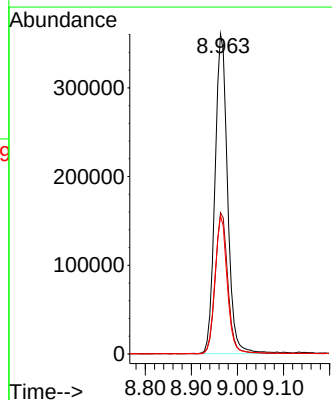
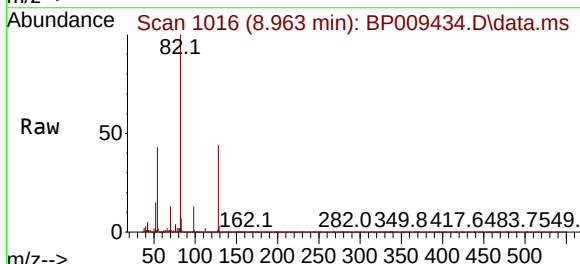
Instrument :
BNA_P
ClientSampleId :
TPK-2

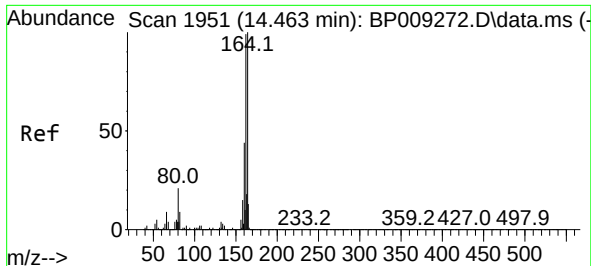
Tgt Ion:136 Resp: 2025470
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.3 5.8 8.8
68 5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 18.610 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion: 82 Resp: 684370
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 43.1 34.7 52.1

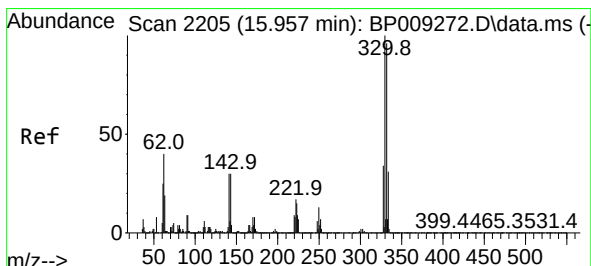
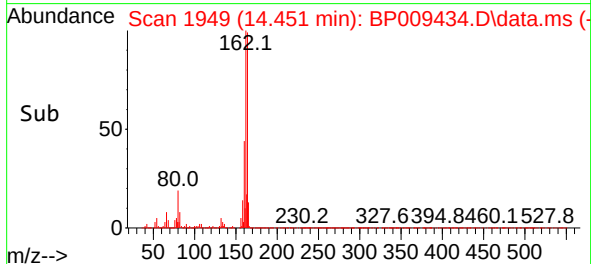
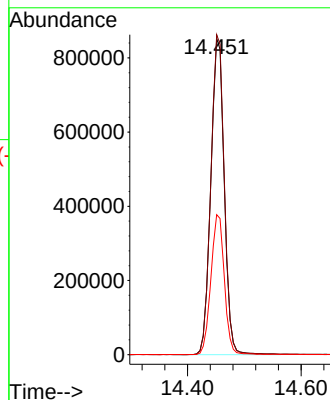
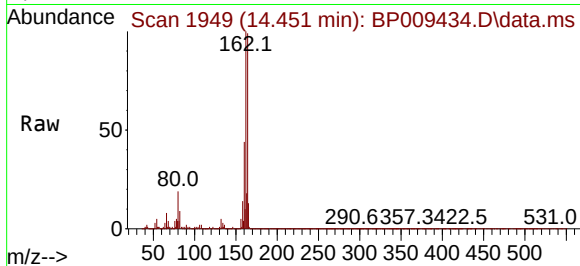




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

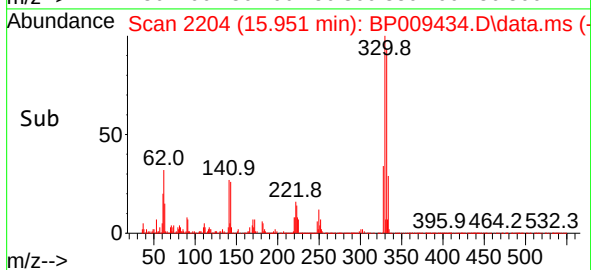
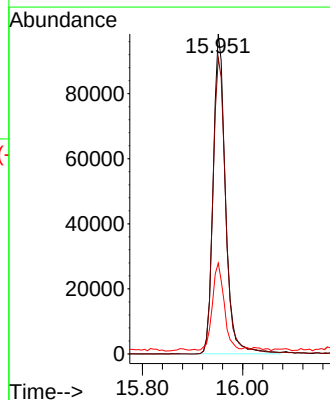
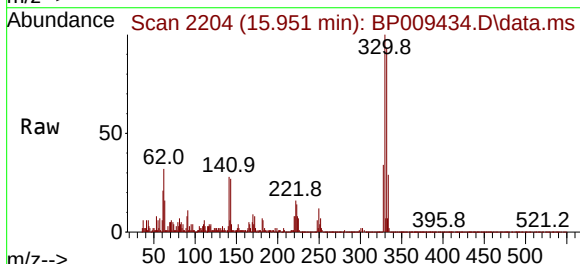
Instrument :
BNA_P
ClientSampleId :
TPK-2

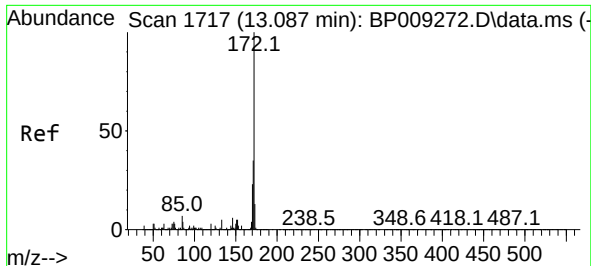
Tgt Ion:164 Resp: 1389486
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 9.981 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:330 Resp: 167455
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 26.8 27.6 41.4#

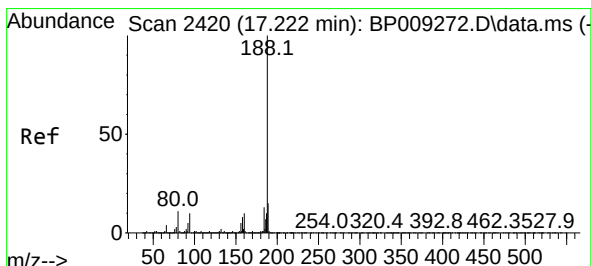
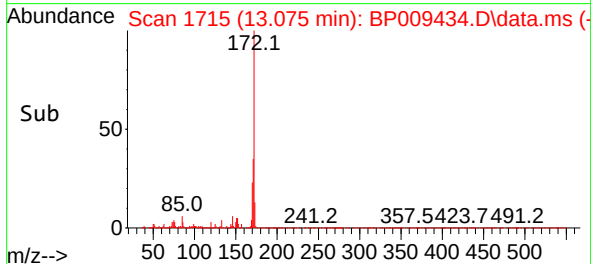
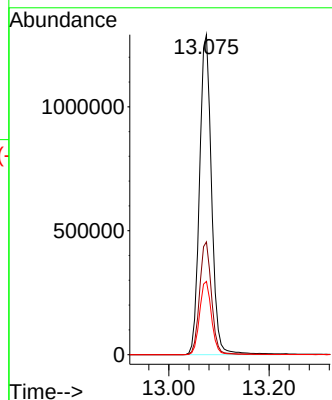
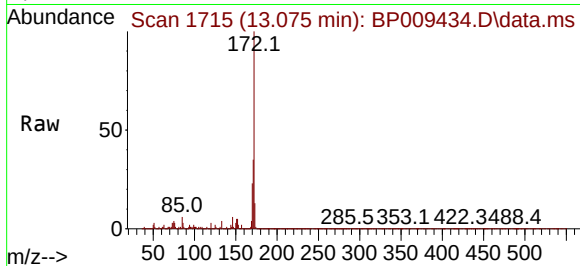




#45
2-Fluorobiphenyl
Concen: 21.214 ng
RT: 13.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

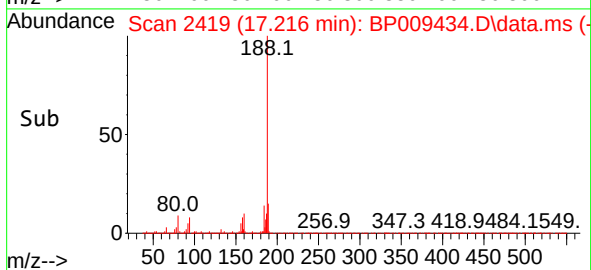
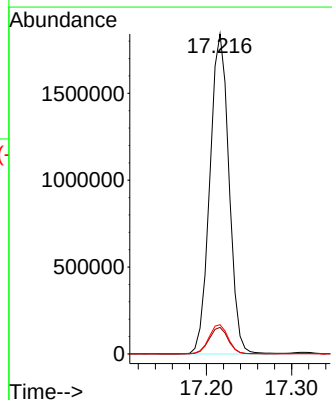
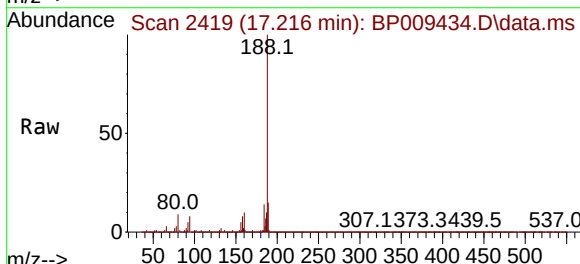
Instrument :
BNA_P
ClientSampleId :
TPK-2

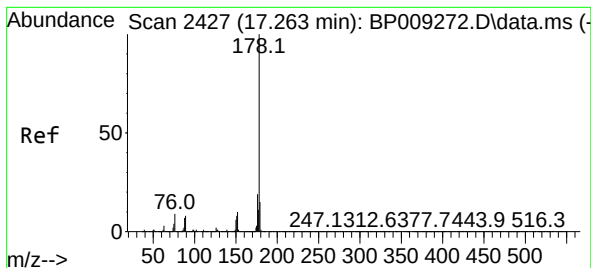
Tgt Ion:172 Resp: 2143388
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 22.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009434.D
Acq: 16 Mar 2022 21:42

Tgt Ion:188 Resp: 2876171
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.2 8.8 13.2





#71

Phenanthrene

Concen: 3.957 ng

RT: 17.257 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

Instrument :

BNA_P

ClientSampleId :

TPK-2

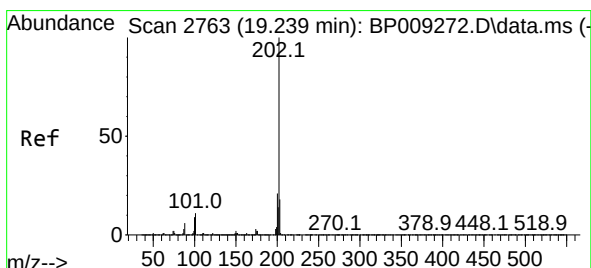
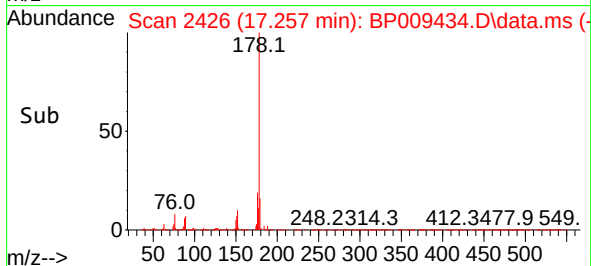
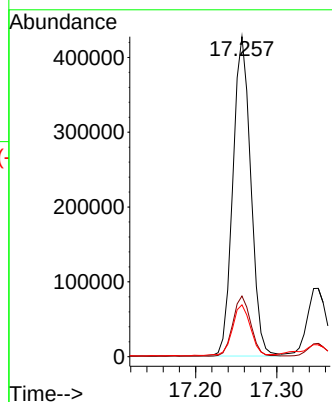
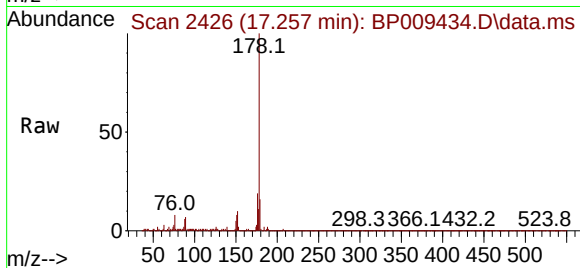
Tgt Ion:178 Resp: 654069

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 16.2 12.3 18.5



#75

Fluoranthene

Concen: 3.048 ng

RT: 19.233 min Scan# 2762

Delta R.T. -0.006 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

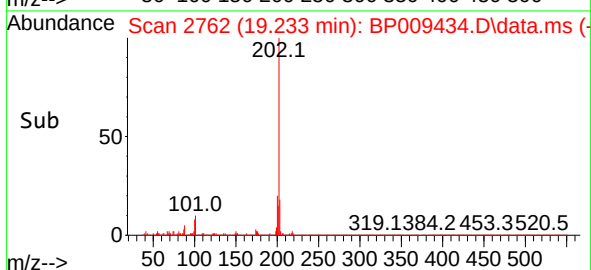
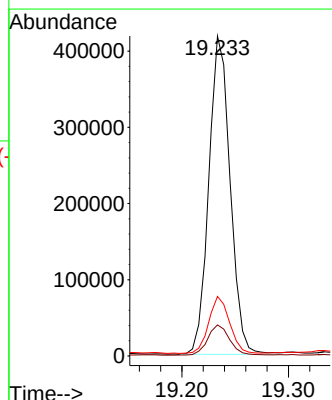
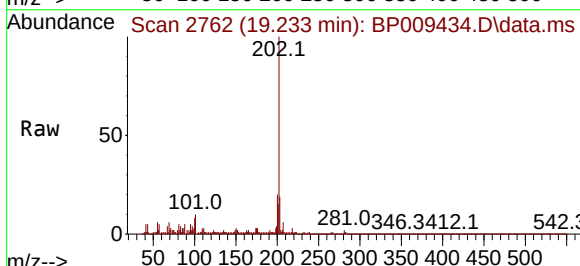
Tgt Ion:202 Resp: 581562

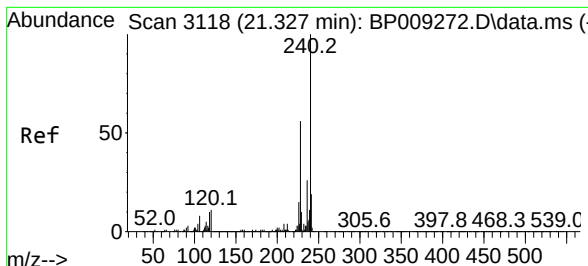
Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.5

203 18.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

Instrument :

BNA_P

ClientSampleId :

TPK-2

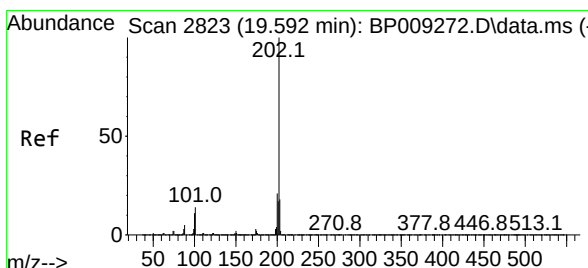
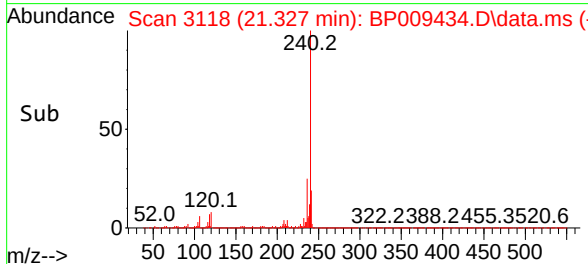
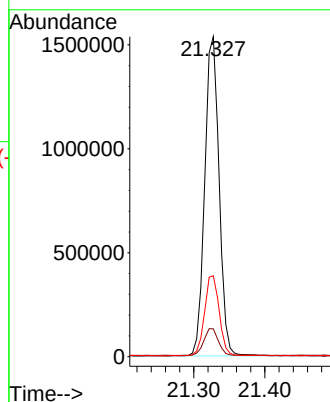
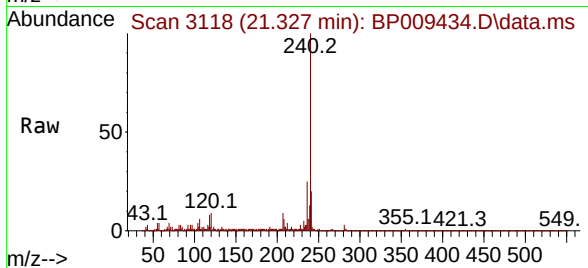
Tgt Ion:240 Resp: 2166341

Ion Ratio Lower Upper

240 100

120 8.7 9.0 13.4#

236 25.3 20.6 30.8



#78

Pyrene

Concen: 4.037 ng

RT: 19.592 min Scan# 2823

Delta R.T. -0.000 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

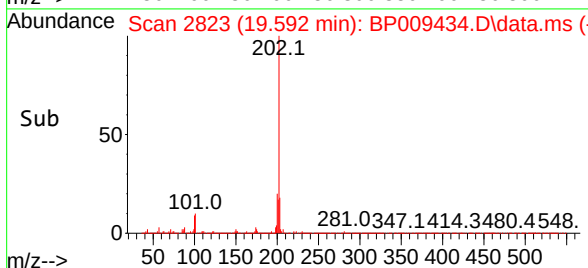
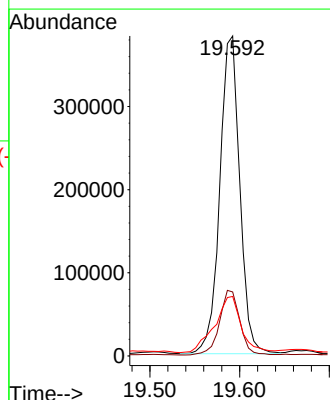
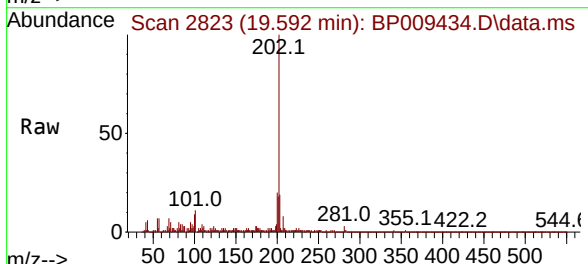
Tgt Ion:202 Resp: 590481

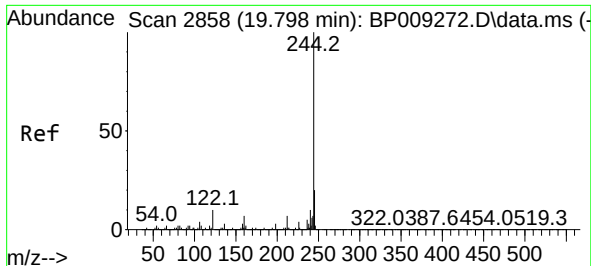
Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

203 18.6 14.2 21.4

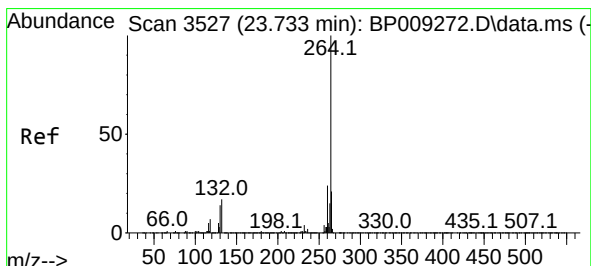
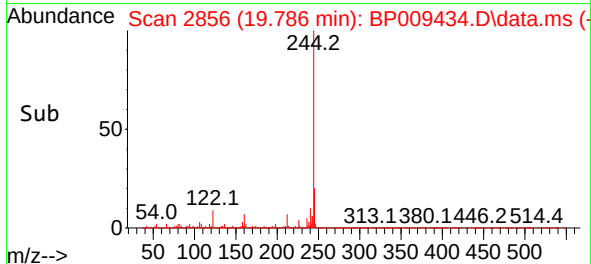
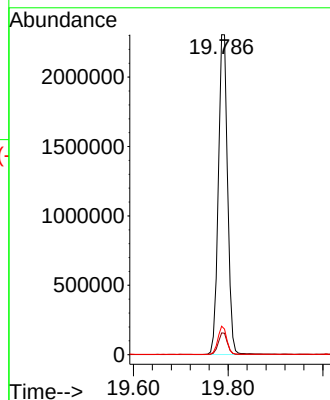
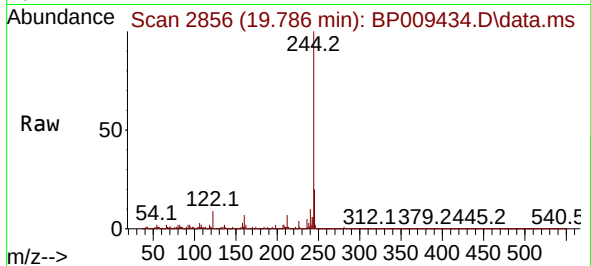




#79
 Terphenyl-d14
 Concen: 27.120 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009434.D
 Acq: 16 Mar 2022 21:42

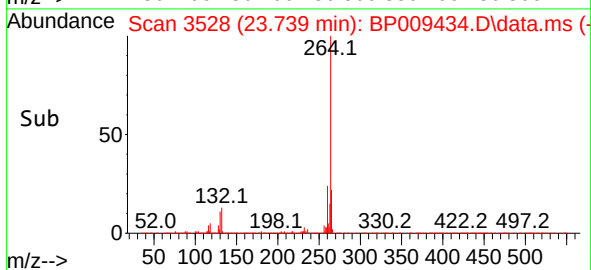
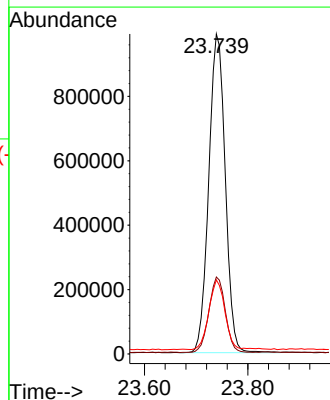
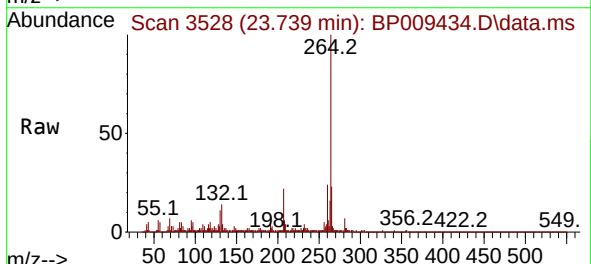
Instrument :
 BNA_P
 ClientSampleId :
 TPK-2

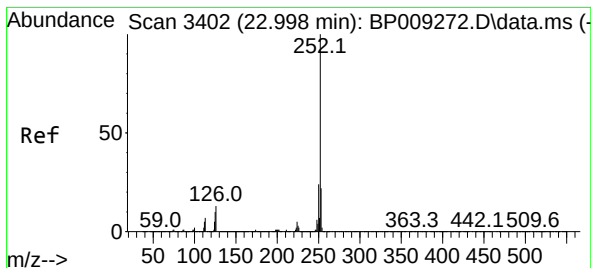
Tgt Ion:244 Resp: 3113288
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3528
 Delta R.T. 0.006 min
 Lab File: BP009434.D
 Acq: 16 Mar 2022 21:42

Tgt Ion:264 Resp: 2193165
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 23.2 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.236 ng

RT: 23.010 min Scan# 3404

Delta R.T. 0.012 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

Instrument :

BNA_P

ClientSampleId :

TPK-2

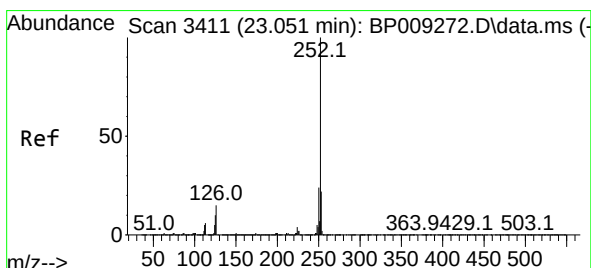
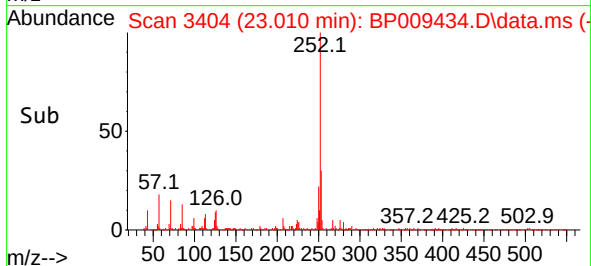
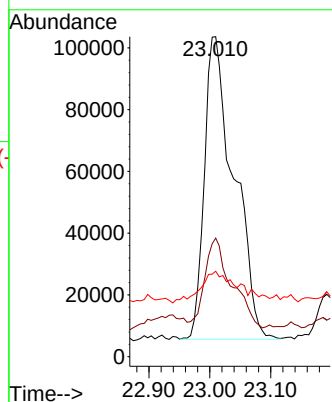
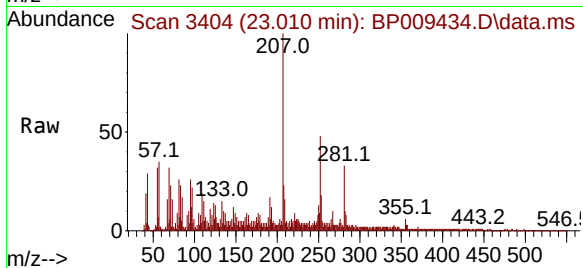
Tgt Ion:252 Resp: 331177

Ion Ratio Lower Upper

252 100

253 37.1 17.8 26.8#

125 26.7 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 2.341 ng

RT: 23.010 min Scan# 3404

Delta R.T. -0.041 min

Lab File: BP009434.D

Acq: 16 Mar 2022 21:42

Tgt Ion:252 Resp: 331177

Ion Ratio Lower Upper

252 100

253 37.1 17.5 26.3#

125 26.7 8.3 12.5#

