

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008415.D
 Acq On : 15 Dec 2021 14:07
 Operator : CG/JU
 Sample : M5076-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-15-C

Quant Time: Dec 15 14:45:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

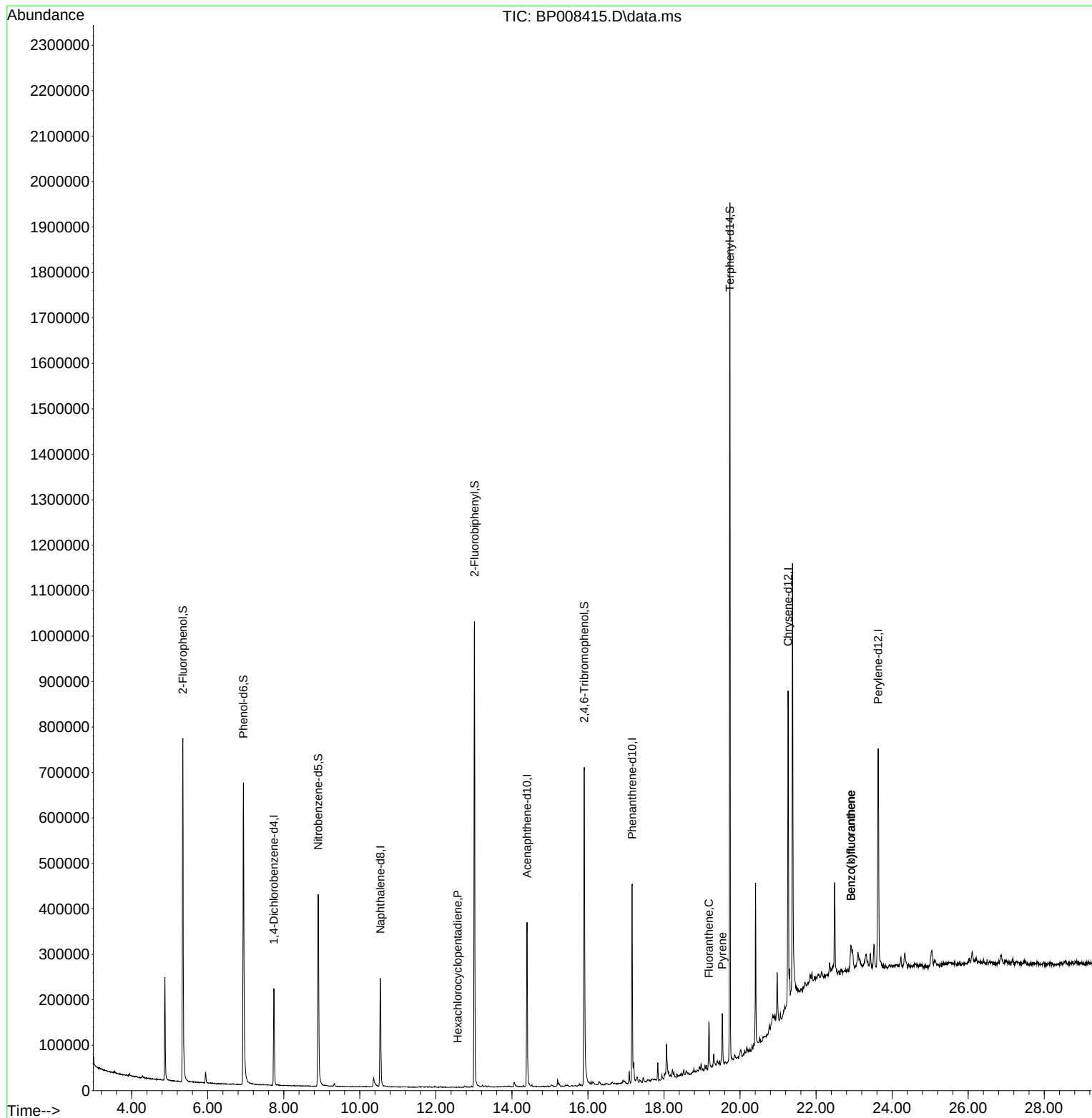
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	56175	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	200159	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	130417	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	277862	20.000	ng	0.00
76) Chrysene-d12	21.263	240	327578	20.000	ng	0.00
86) Perylene-d12	23.633	264	384550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	331650	93.236	ng	0.00
7) Phenol-d6	6.940	99	406348	85.056	ng	0.00
23) Nitrobenzene-d5	8.904	82	278016	58.844	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	163663	85.393	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	537568	52.398	ng	0.00
79) Terphenyl-d14	19.733	244	887846	47.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	55	Below Cal	#	1
9) Benzaldehyde	6.857	77	142	Below Cal	#	26
41) Hexachlorocyclopentadiene	12.575	237	27	8.669	ng	88
75) Fluoranthene	19.180	202	52271	3.076	ng	99
78) Pyrene	19.533	202	70548	3.010	ng	99
88) Benzo(b)fluoranthene	22.915	252	47150	2.038	ng	# 90
89) Benzo(k)fluoranthene	22.915	252	47150	2.021	ng	# 89

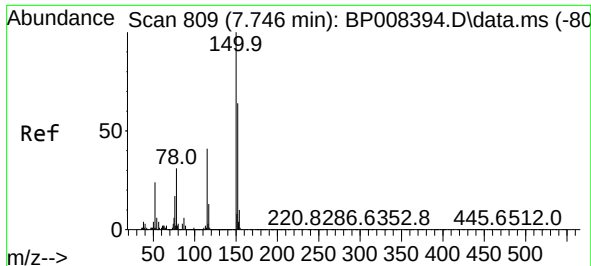
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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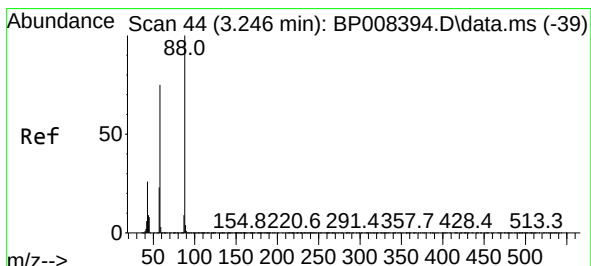
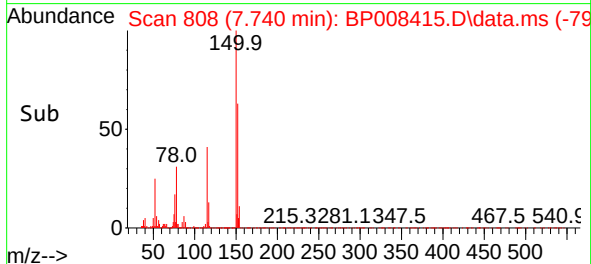
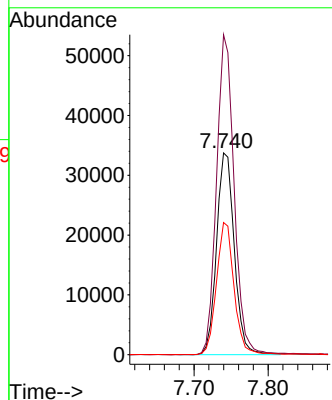
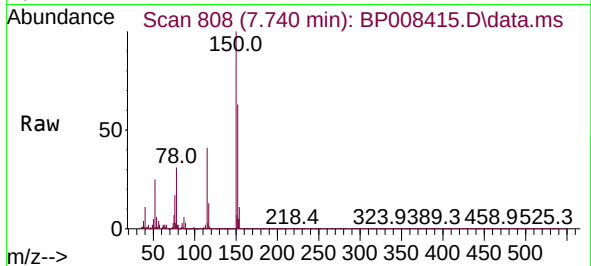




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

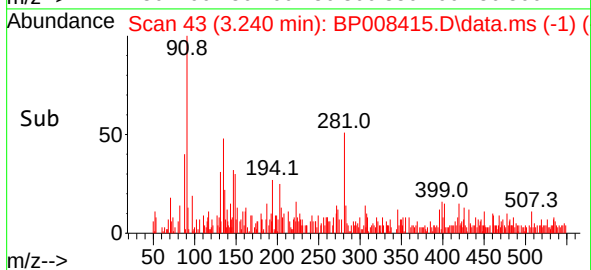
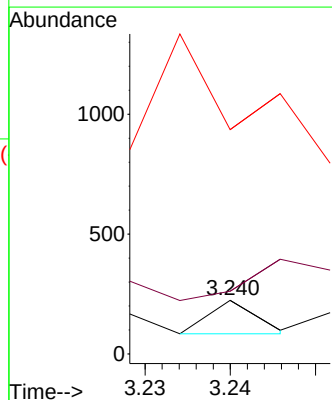
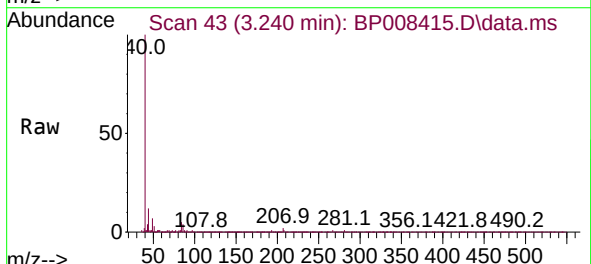
Instrument :
BNA_P
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SB-15-C

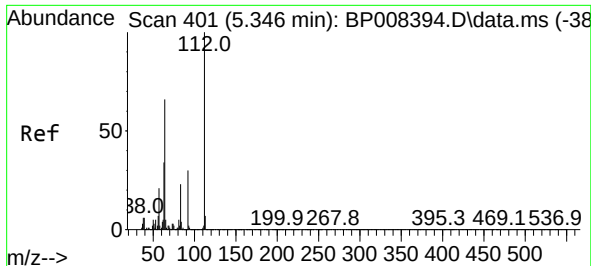
Tgt Ion:152 Resp: 56175
Ion Ratio Lower Upper
152 100
150 158.6 125.7 188.5
115 65.5 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 303.6 63.5 95.3#
43 1103.6 23.4 35.2#

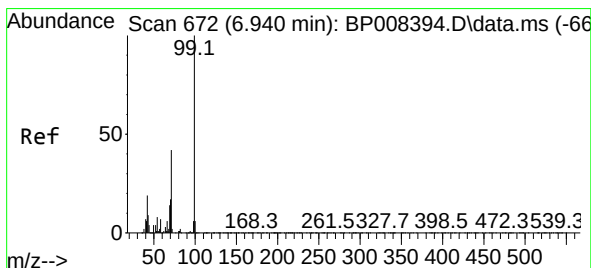
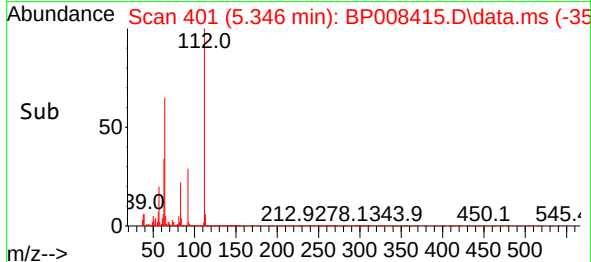
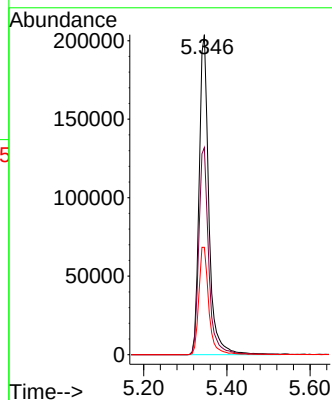
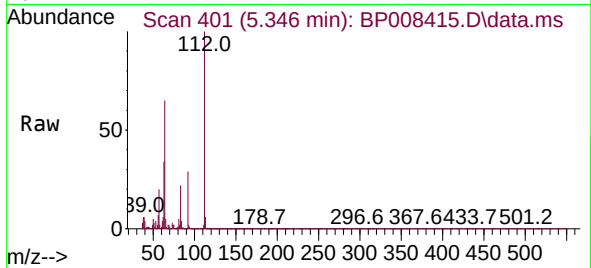




#5
2-Fluorophenol
Concen: 93.236 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

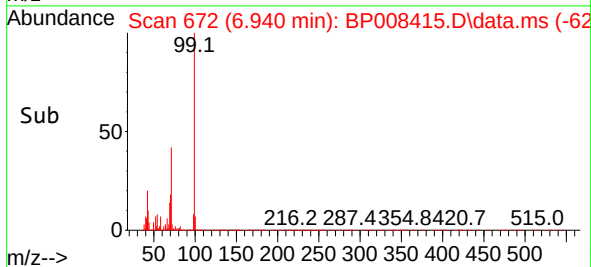
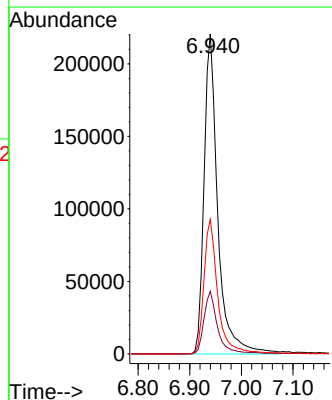
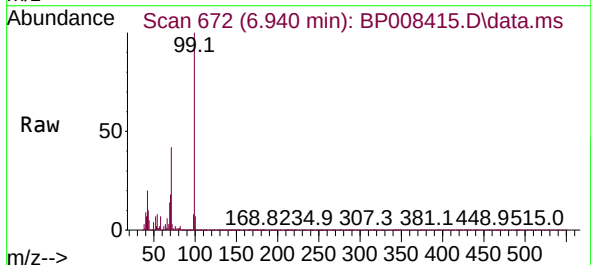
Instrument :
BNA_P
ClientSampleId :
SB-15-C

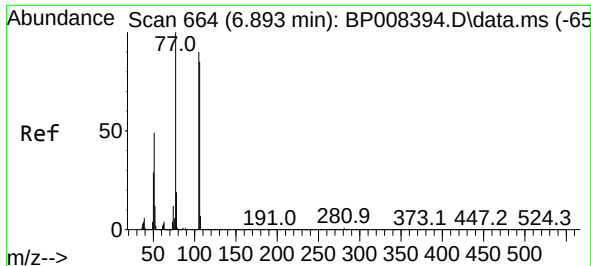
Tgt Ion:112 Resp: 331650
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 33.6 27.8 41.8



#7
Phenol-d6
Concen: 85.056 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion: 99 Resp: 406348
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 42.1 31.1 46.7

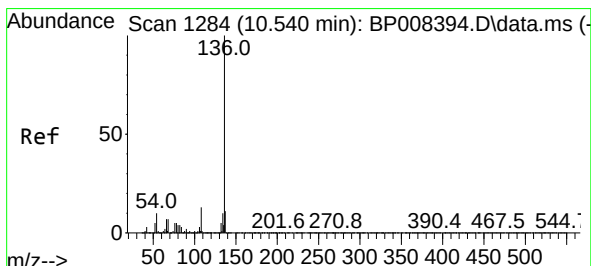
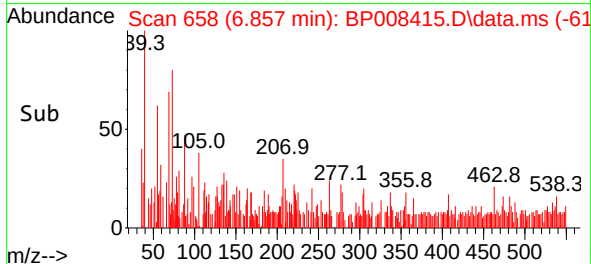
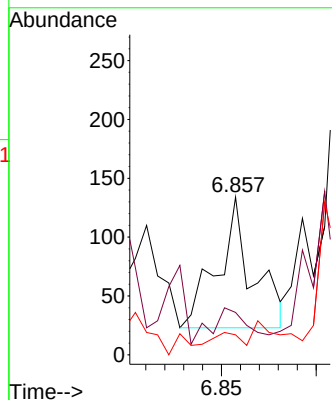
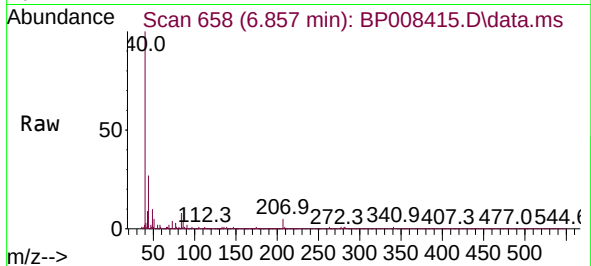




#9
Benzaldehyde
Concen: Below Cal
RT: 6.857 min Scan# 61
Delta R.T. -0.036 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

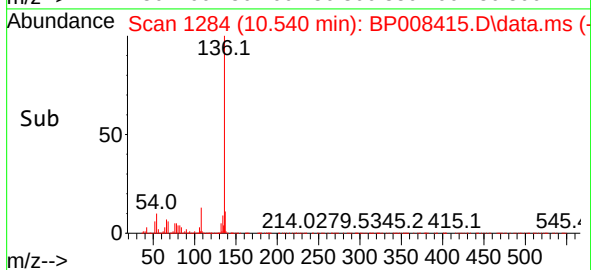
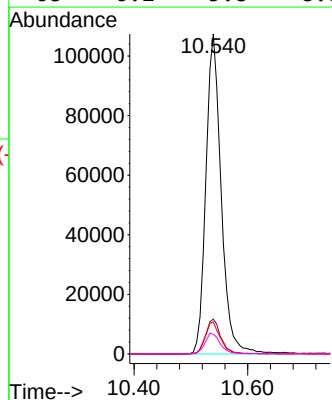
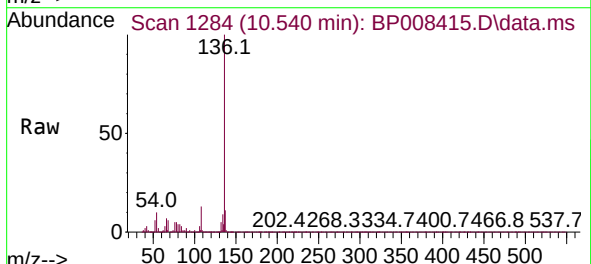
Instrument :
BNA_P
ClientSampleId :
SB-15-C

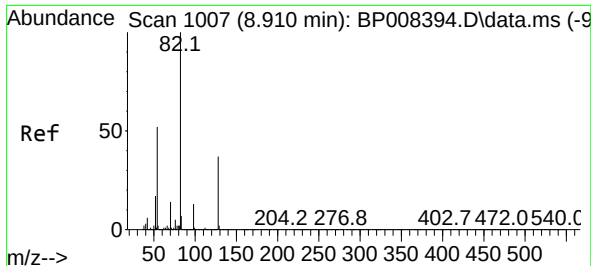
Tgt Ion: 77 Resp: 142
Ion Ratio Lower Upper
77 100
105 26.9 71.8 111.8#
106 12.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion:136 Resp: 200159
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.0 8.2 12.4
68 6.2 5.8 8.8

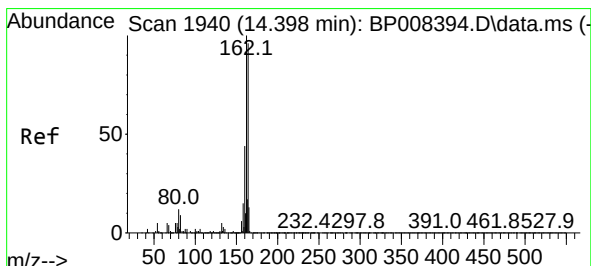
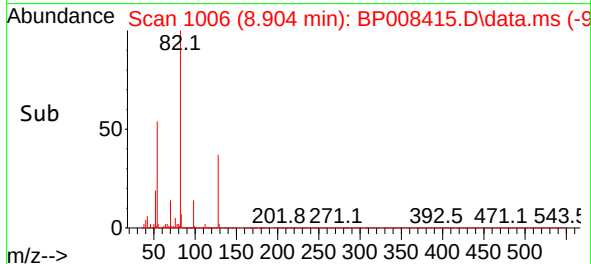
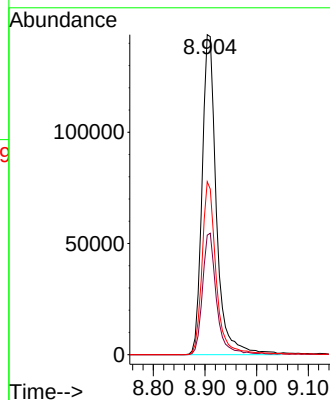
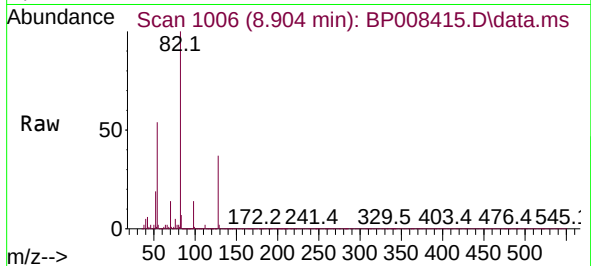




#23
Nitrobenzene-d5
Concen: 58.844 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

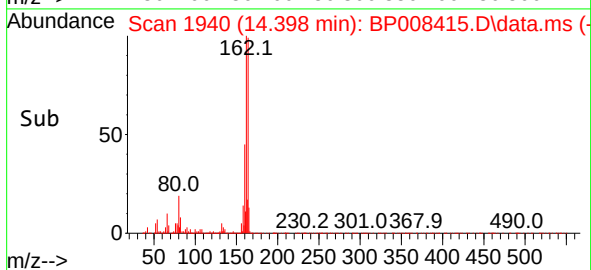
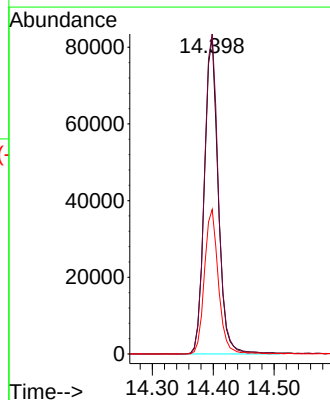
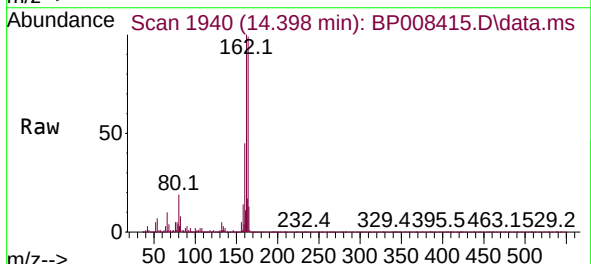
Instrument :
BNA_P
ClientSampleId :
SB-15-C

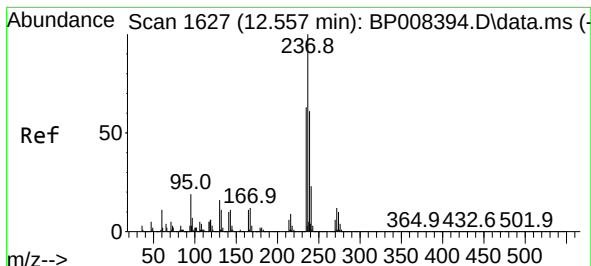
Tgt Ion: 82 Resp: 278016
Ion Ratio Lower Upper
82 100
128 37.4 29.6 44.4
54 54.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion: 164 Resp: 130417
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 45.8 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 8.669 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

Instrument :

BNA_P

ClientSampleId :

SB-15-C

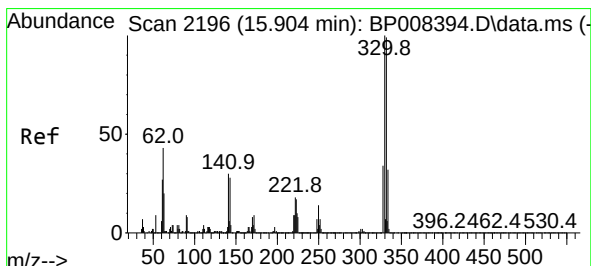
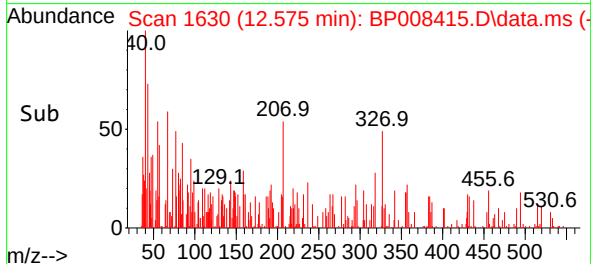
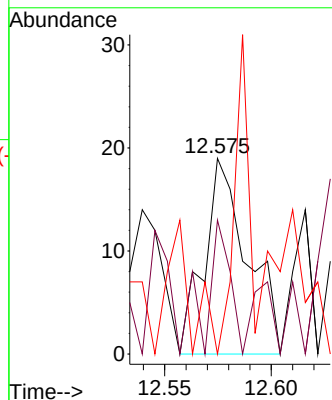
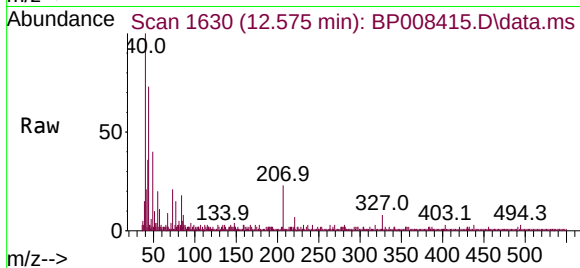
Tgt Ion:237 Resp: 27

Ion Ratio Lower Upper

237 100

235 68.4 42.3 82.3

272 0.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 85.393 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

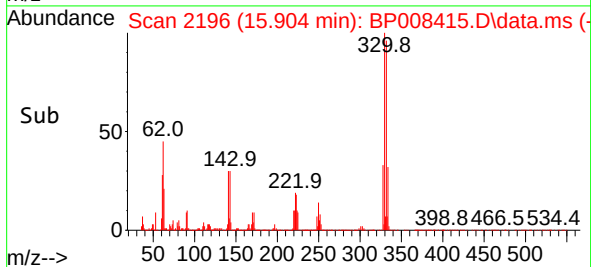
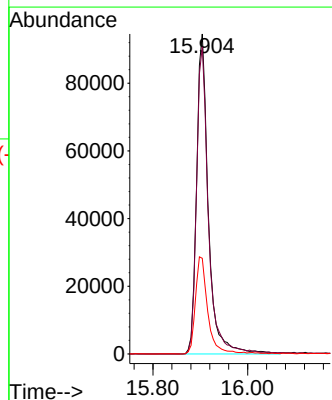
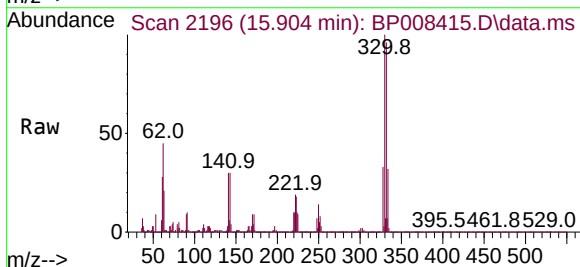
Tgt Ion:330 Resp: 163663

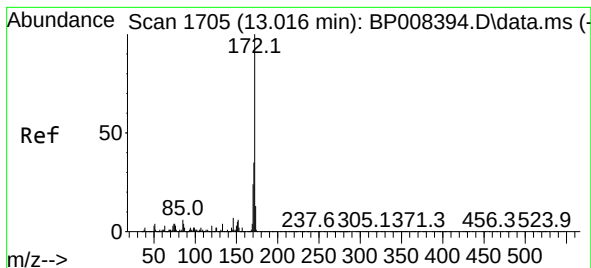
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 32.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 52.398 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

Instrument :

BNA_P

ClientSampleId :

SB-15-C

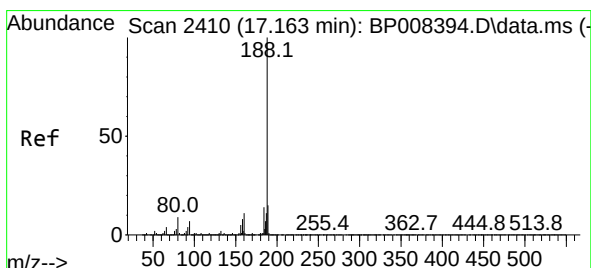
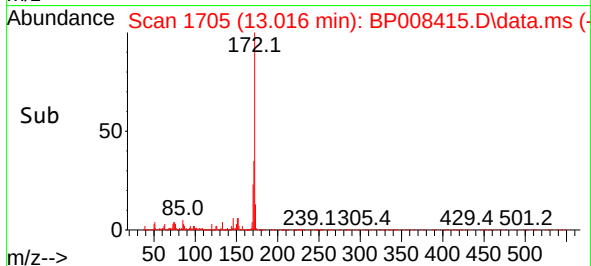
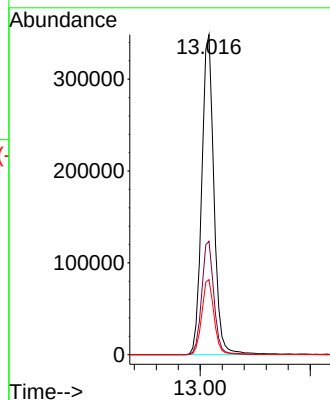
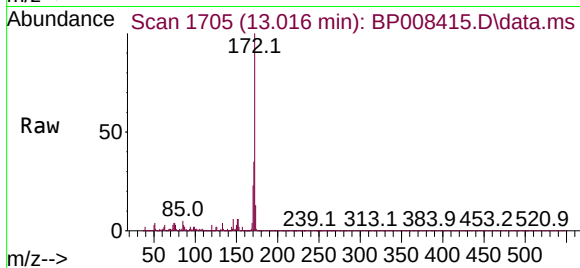
Tgt Ion:172 Resp: 537568

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.5 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

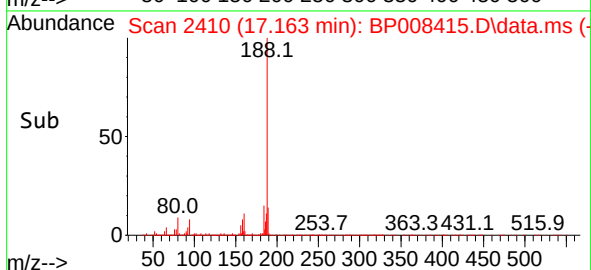
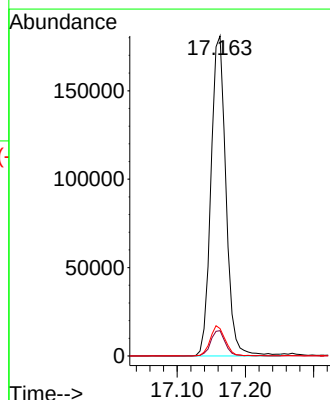
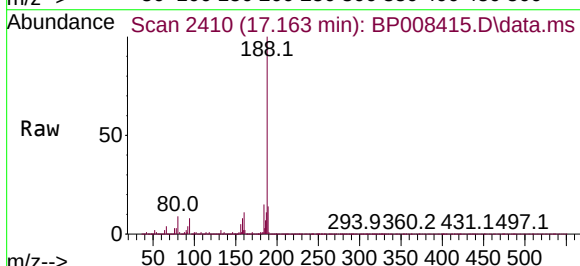
Tgt Ion:188 Resp: 277862

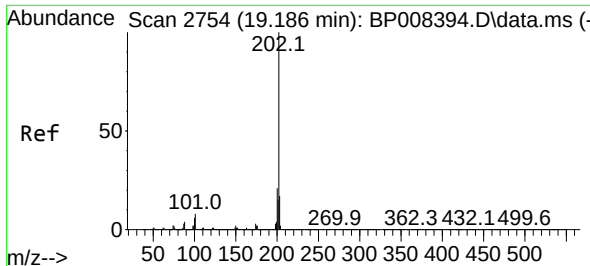
Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

80 8.5 8.2 12.4

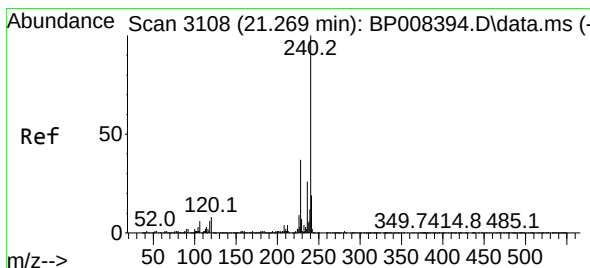
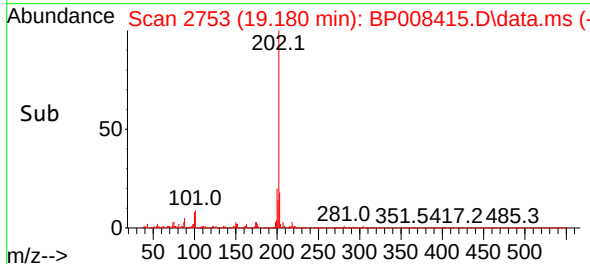
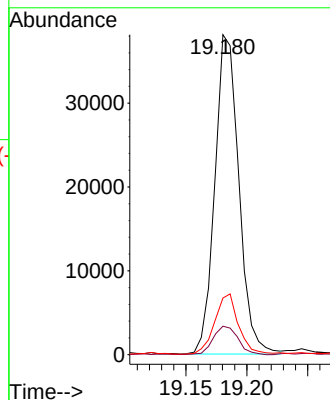
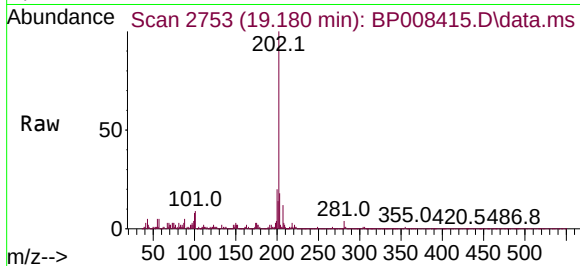




#75
Fluoranthene
Concen: 3.076 ng
RT: 19.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

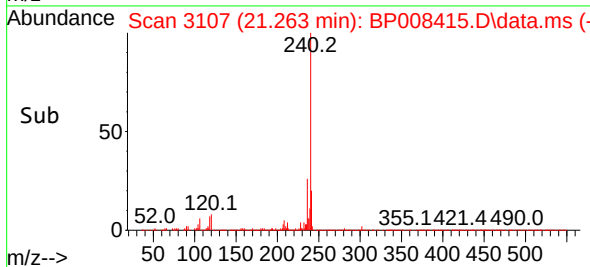
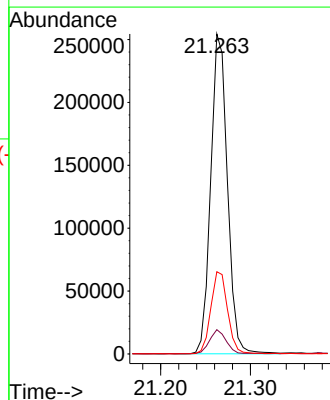
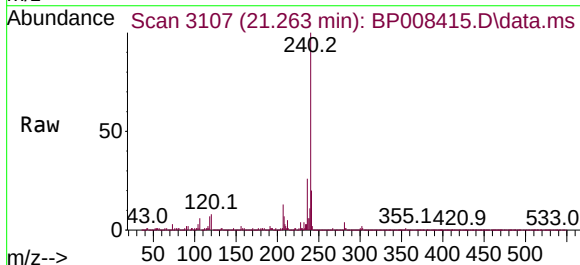
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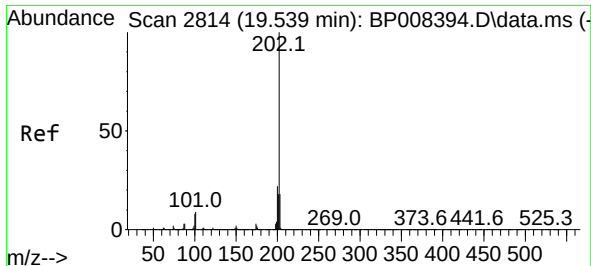
Tgt Ion:	202	Resp:	52271
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.8
203	17.7	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion:	240	Resp:	327578
Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.3	10.9
236	25.7	21.4	32.2

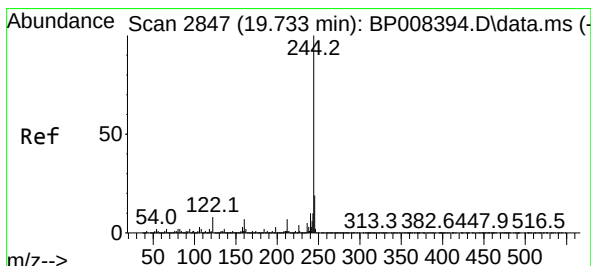
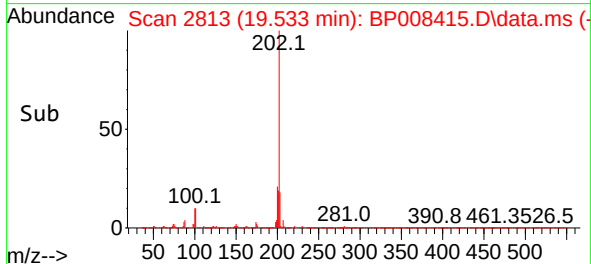
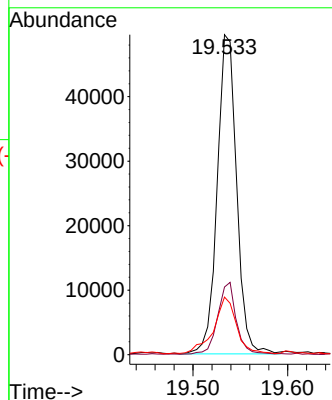
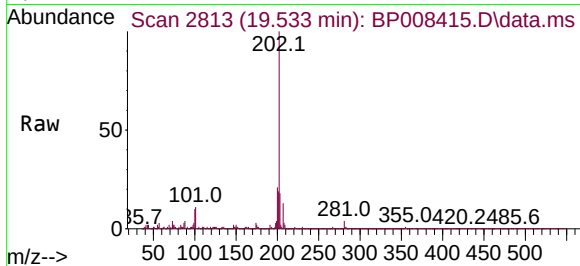




#78
Pyrene
Concen: 3.010 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

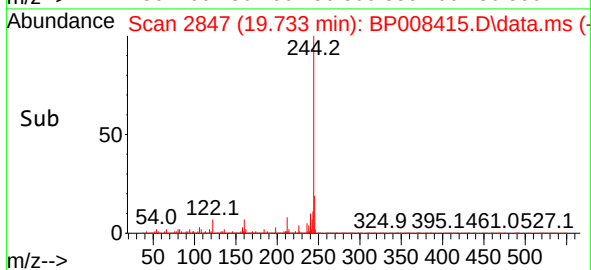
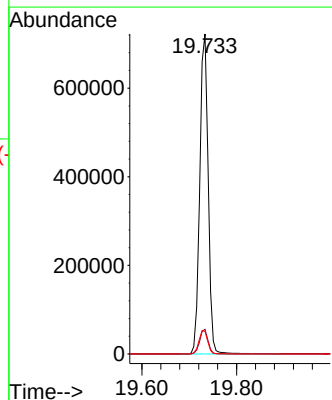
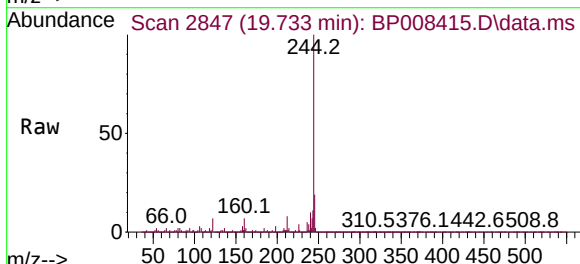
Instrument :
BNA_P
ClientSampleId :
SB-15-C

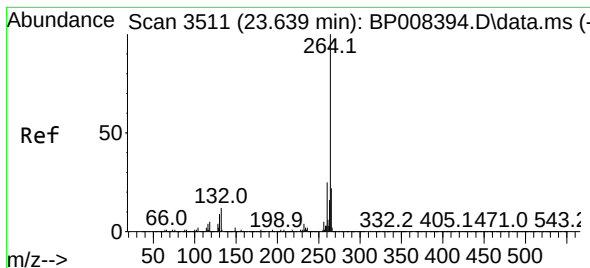
Tgt Ion:202 Resp: 70548
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 47.170 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008415.D
Acq: 15 Dec 2021 14:07

Tgt Ion:244 Resp: 887846
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.0 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.633 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

Instrument :

BNA_P

ClientSampleId :

SB-15-C

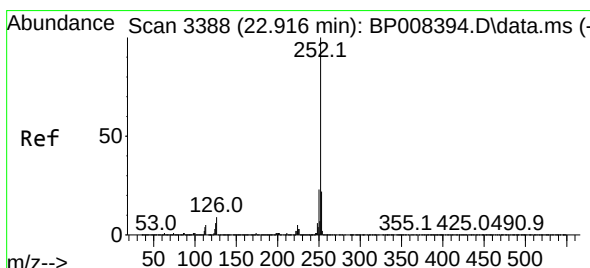
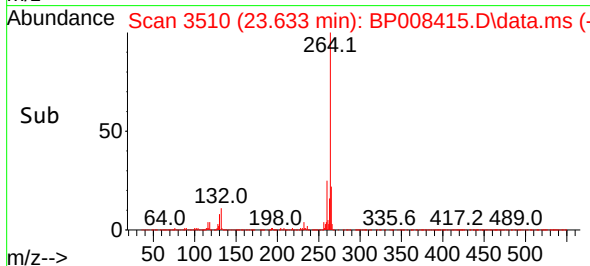
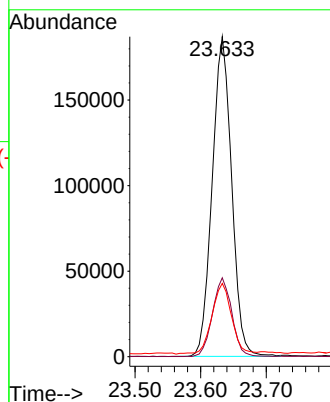
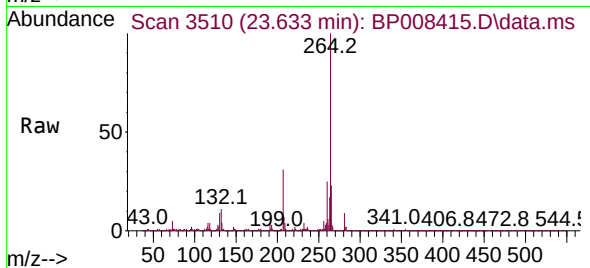
Tgt Ion:264 Resp: 384550

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.9 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.038 ng

RT: 22.915 min Scan# 3388

Delta R.T. -0.000 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

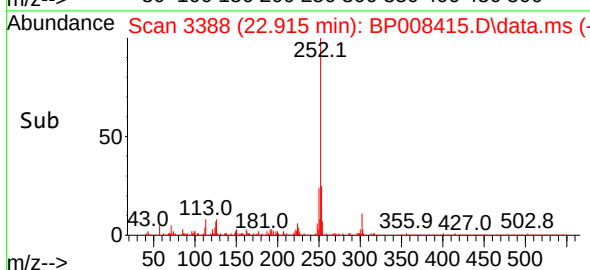
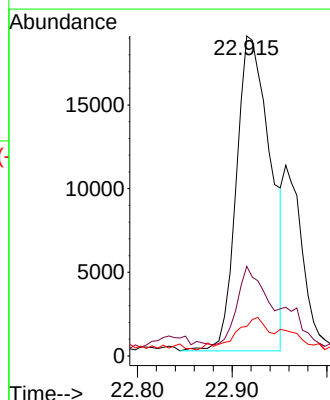
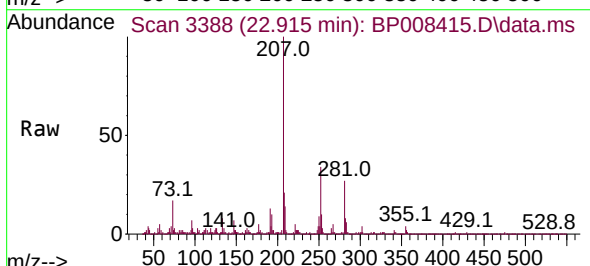
Tgt Ion:252 Resp: 47150

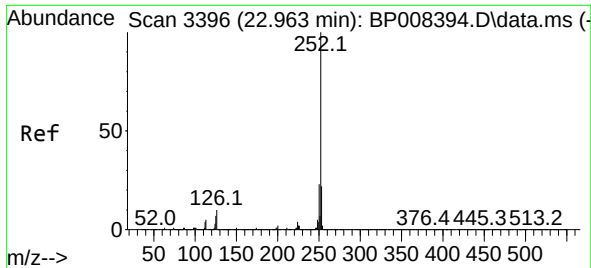
Ion Ratio Lower Upper

252 100

253 28.0 17.7 26.5

125 9.2 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 2.021 ng

RT: 22.915 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP008415.D

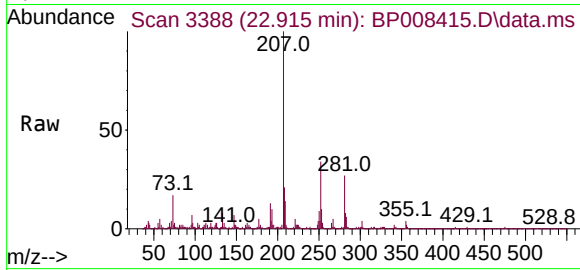
Acq: 15 Dec 2021 14:07

Instrument :

BNA_P

ClientSampleId :

SB-15-C



Tgt Ion:252 Resp: 47150

Ion Ratio Lower Upper

252 100

253 28.0 17.3 25.9#

125 9.2 6.5 9.7

