

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009586.D
 Acq On : 29 Mar 2022 02:45
 Operator : CG/JU
 Sample : N2102-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-32422

Quant Time: Mar 29 04:55:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

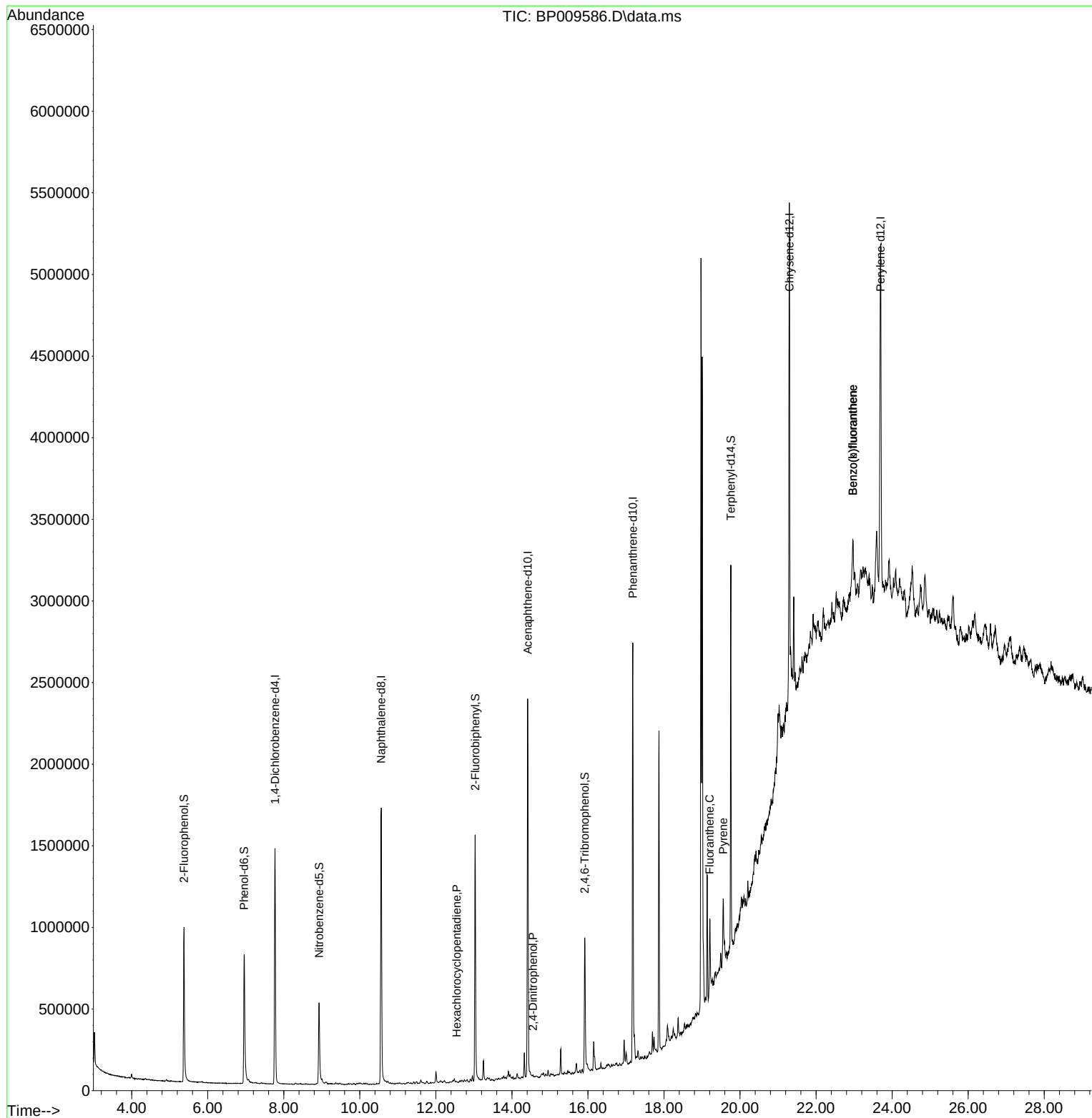
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	451166	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1666630	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	903701	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1665652	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1604594	20.000	ng	0.00
86) Perylene-d12	23.698	264	1769746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	528575	20.455	ng	0.00
7) Phenol-d6	6.957	99	649537	18.587	ng	0.00
23) Nitrobenzene-d5	8.928	82	392774	12.524	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	209235	14.031	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	925247	14.193	ng	0.00
79) Terphenyl-d14	19.757	244	1179677	13.196	ng	0.00
Target Compounds						
9) Benzaldehyde	6.922	77	96	Below Cal	Qvalue #	64
41) Hexachlorocyclopentadiene	12.545	237	44	7.291 ng		89
54) 2,4-Dinitrophenol	14.557	184	116	4.545 ng	#	1
75) Fluoranthene	19.204	202	245705	2.276 ng		99
78) Pyrene	19.557	202	241918	2.288 ng		97
88) Benzo(b)fluoranthene	22.968	252	261038	2.471 ng	#	57
89) Benzo(k)fluoranthene	22.968	252	261038	2.524 ng	#	57

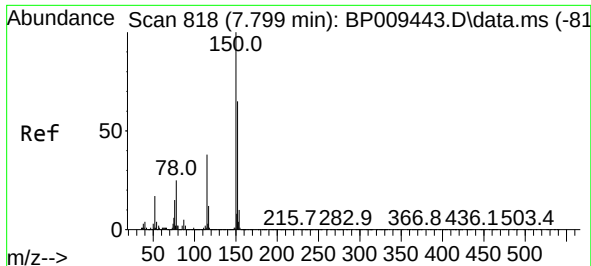
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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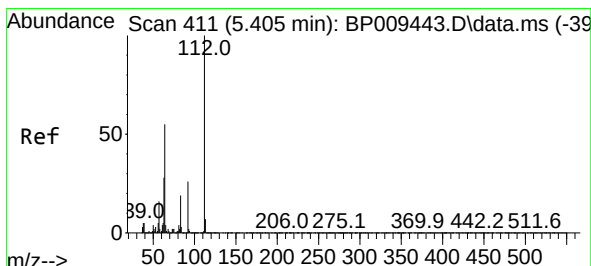
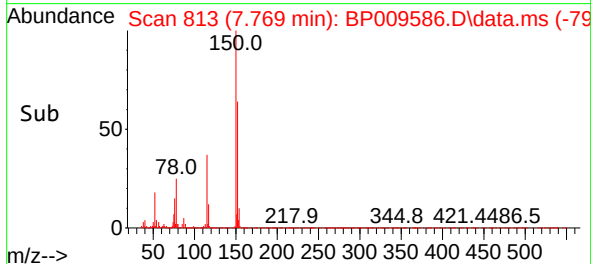
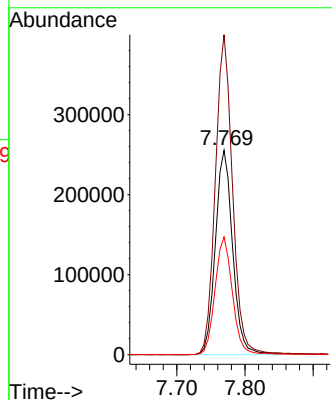
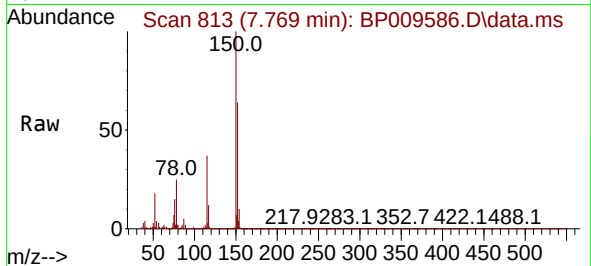




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009586.D
 Acq: 29 Mar 2022 02:45

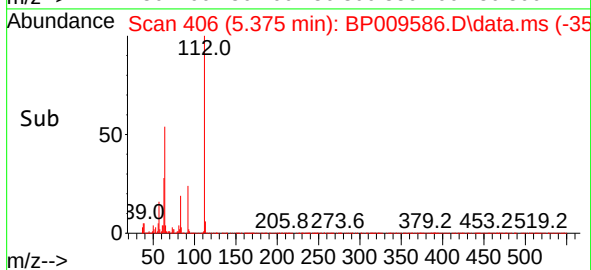
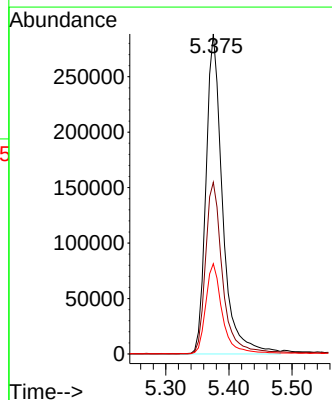
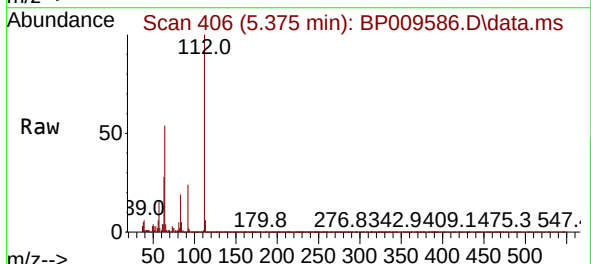
Instrument :
 BNA_P
 ClientSampleId :
 HD-02-32422

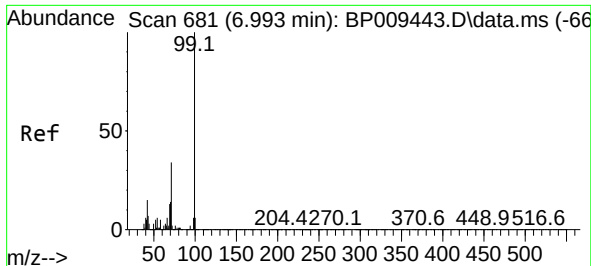
Tgt Ion:152 Resp: 451166
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.5 186.7
 115 57.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 20.455 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: BP009586.D
 Acq: 29 Mar 2022 02:45

Tgt Ion:112 Resp: 528575
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.0 67.4
 63 28.2 23.0 34.6

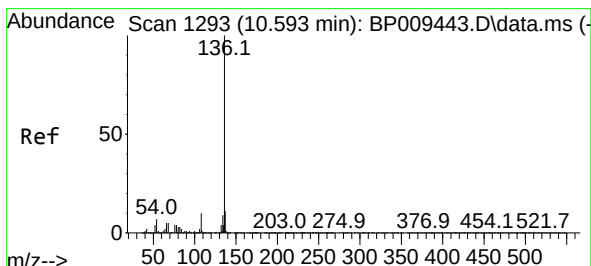
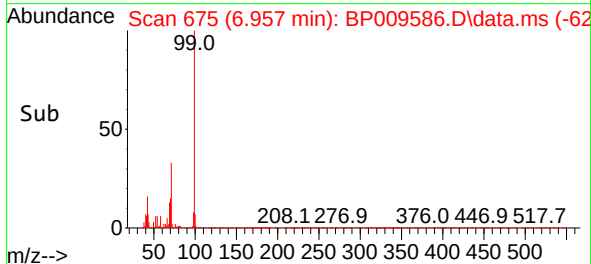
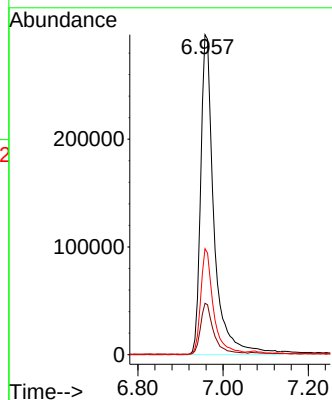
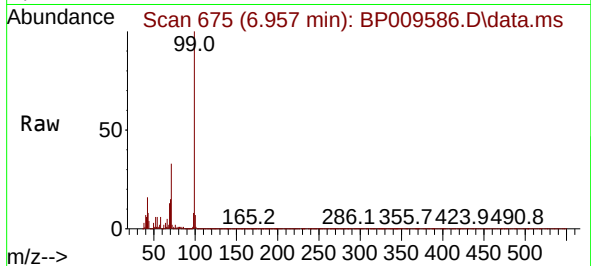




#7
Phenol-d6
Concen: 18.587 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

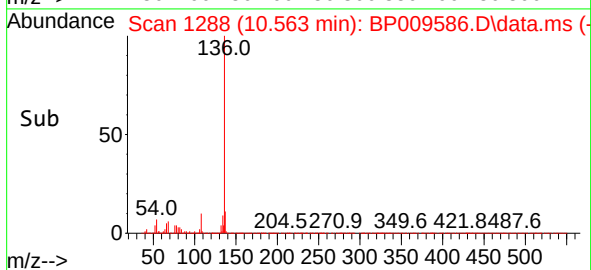
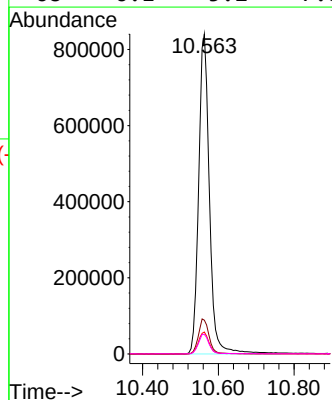
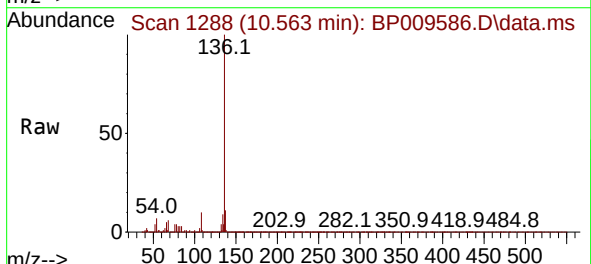
Instrument :
BNA_P
ClientSampleId :
HD-02-32422

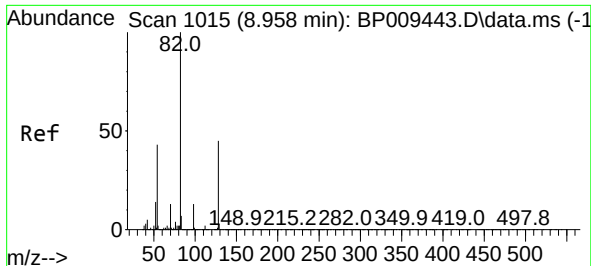
Tgt Ion: 99 Resp: 649537
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 33.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion: 136 Resp: 1666630
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.8 5.8 8.8
68 6.1 5.2 7.8

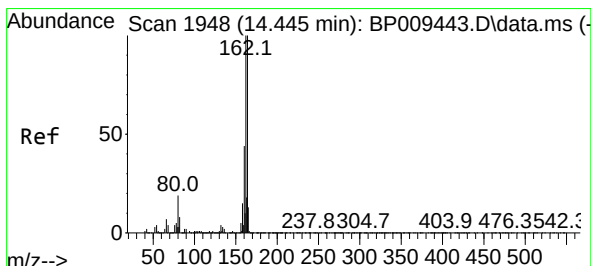
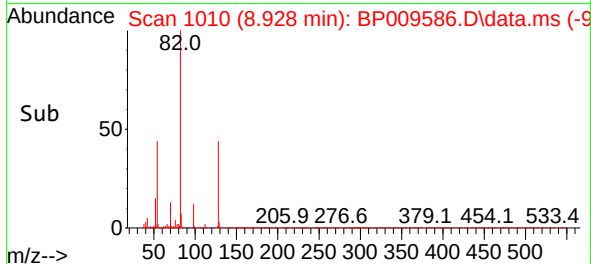
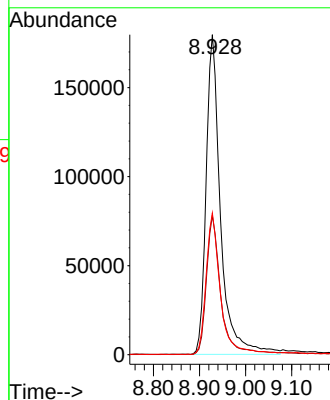
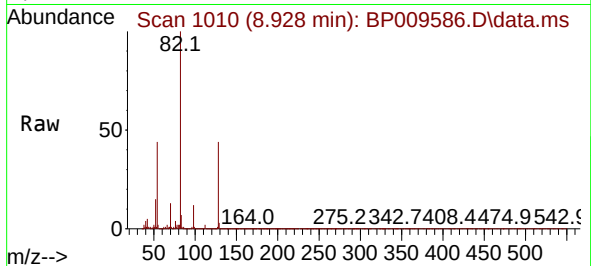




#23
Nitrobenzene-d5
Concen: 12.524 ng
RT: 8.928 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

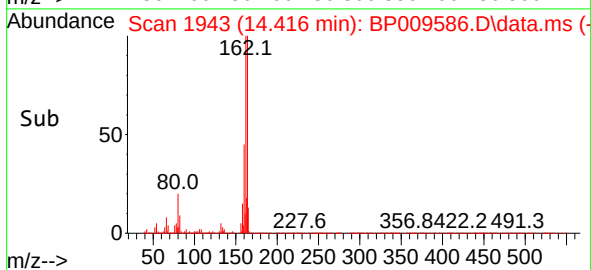
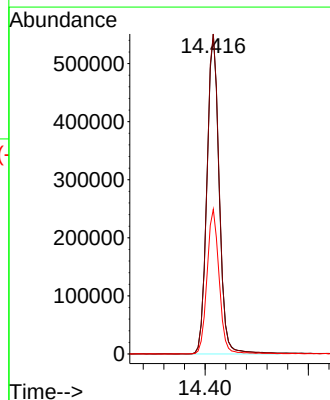
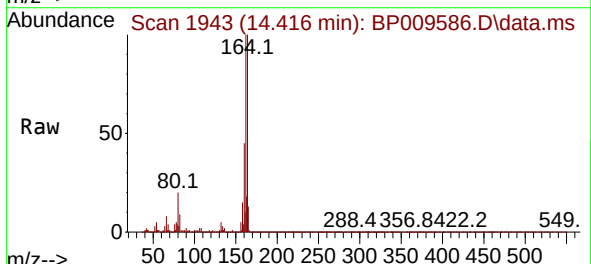
Instrument :
BNA_P
ClientSampleId :
HD-02-32422

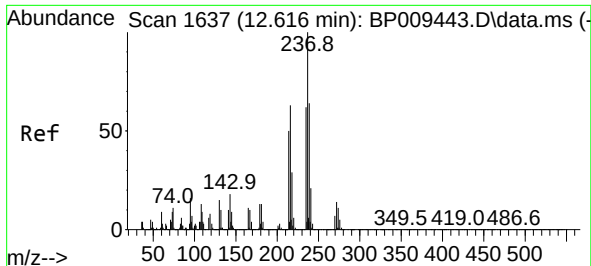
Tgt Ion: 82 Resp: 392774
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 44.3 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion: 164 Resp: 903701
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 45.2 34.9 52.3

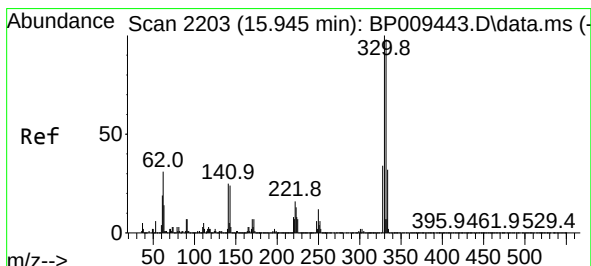
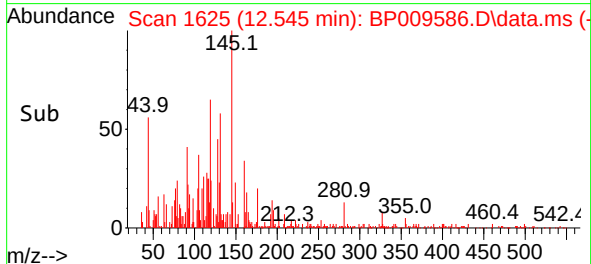
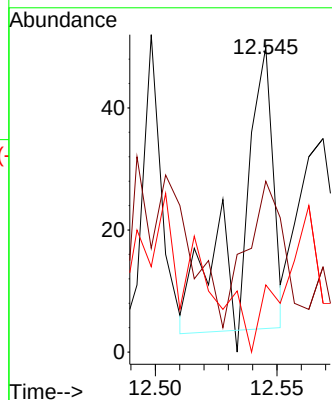
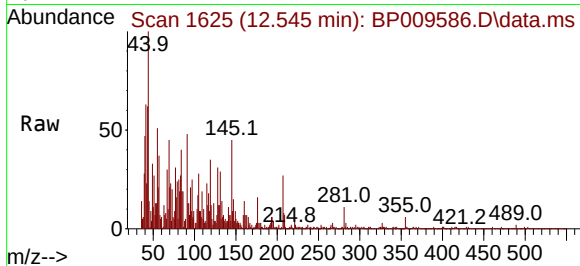




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

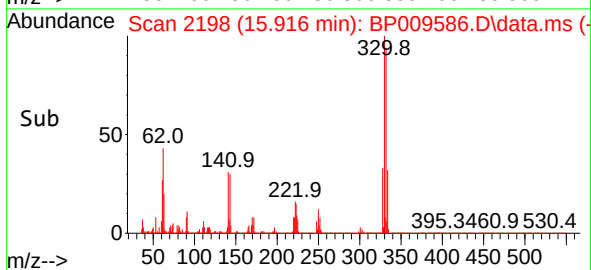
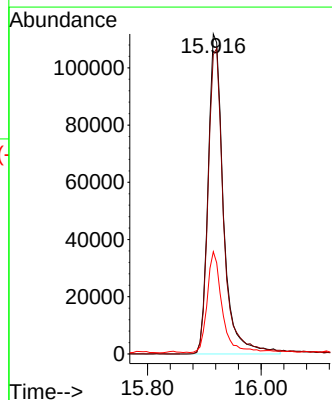
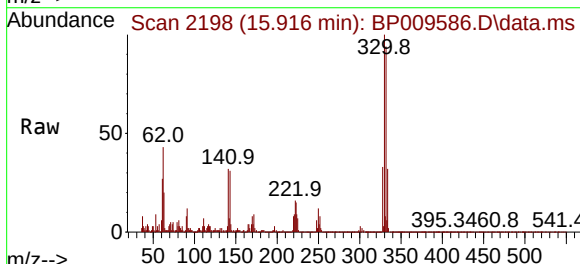
Instrument :
BNA_P
ClientSampleId :
HD-02-32422

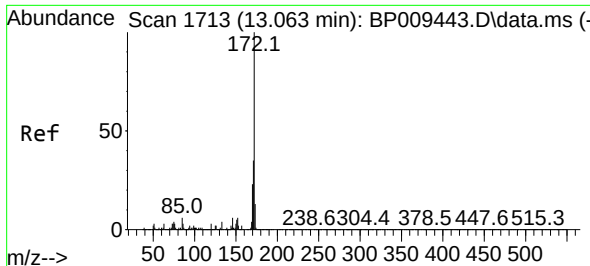
Tgt Ion:237	Resp:	44
Ion Ratio	Lower	Upper
237	100	
235	56.0	42.6 82.6
272	22.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 14.031 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion:330	Resp:	209235
Ion Ratio	Lower	Upper
330	100	
332	97.4	77.0 115.6
141	30.4	27.6 41.4

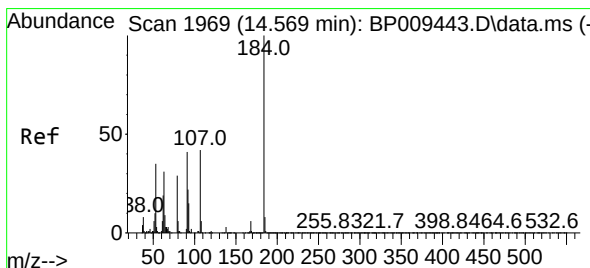
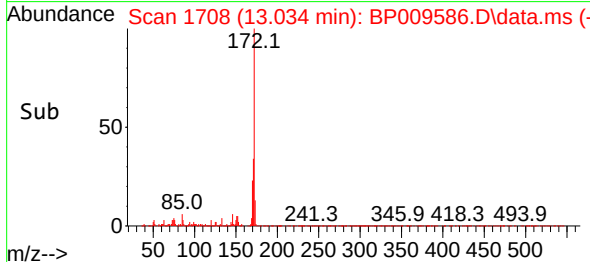
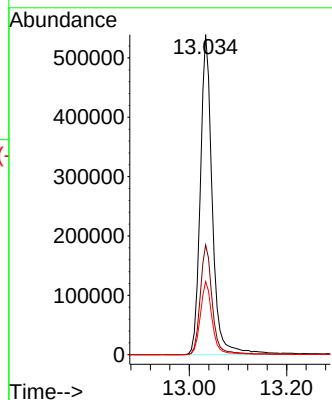
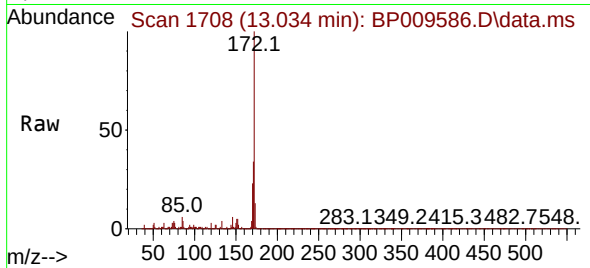




#45
2-Fluorobiphenyl
Concen: 14.193 ng
RT: 13.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

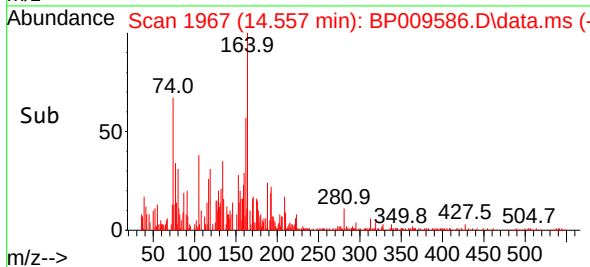
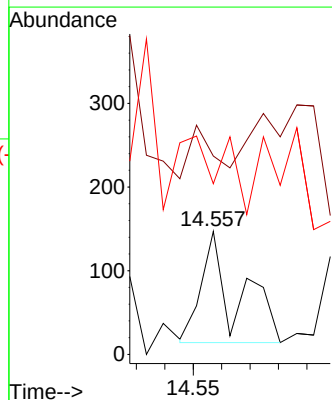
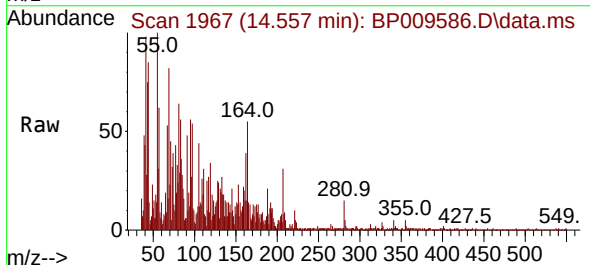
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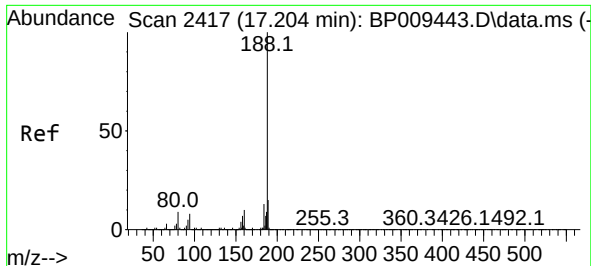
Tgt Ion:172 Resp: 925247
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 22.9 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.545 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 161.2 46.3 69.5#
154 138.8 45.8 68.6#

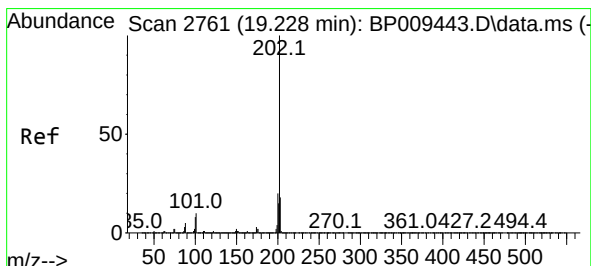
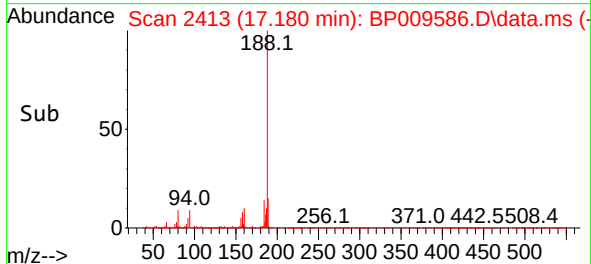
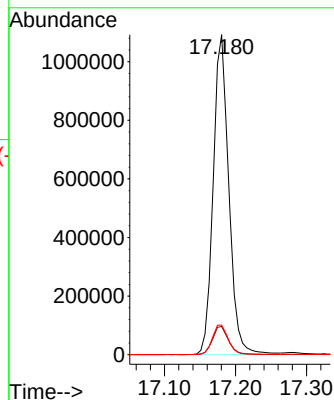
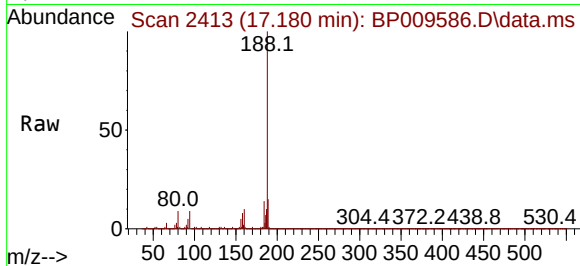




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

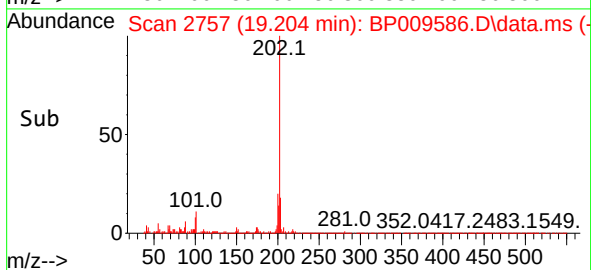
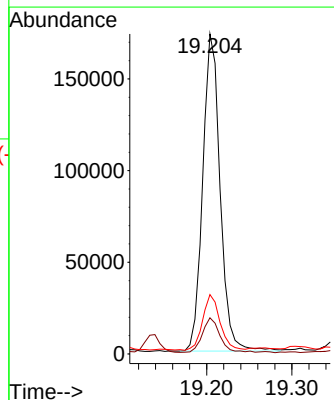
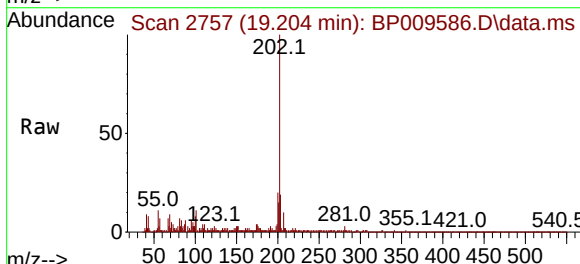
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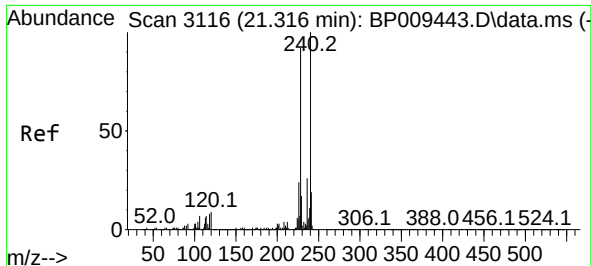
Tgt Ion:188 Resp: 1665652
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.3 8.8 13.2



#75
Fluoranthene
Concen: 2.276 ng
RT: 19.204 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion:202 Resp: 245705
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.5
203 18.5 0.0 37.8

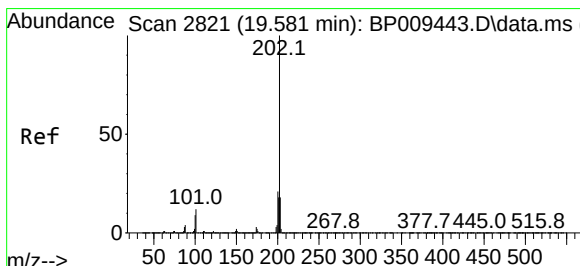
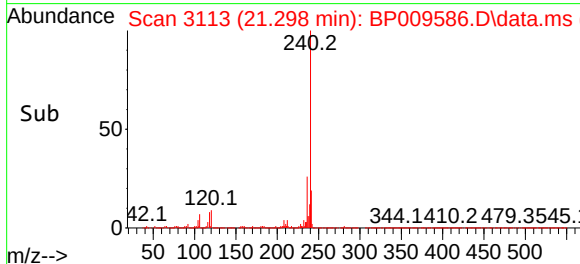
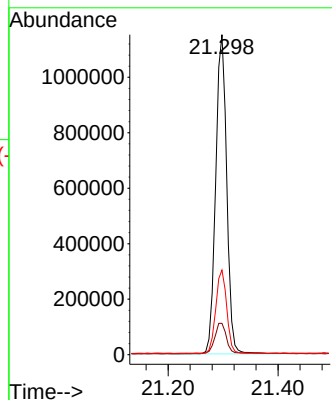
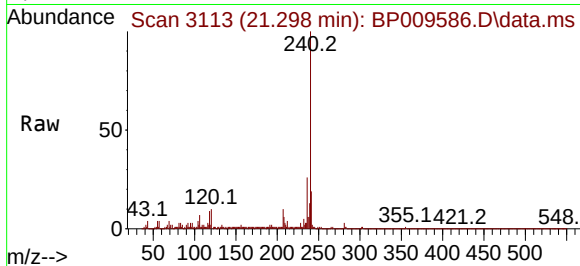




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

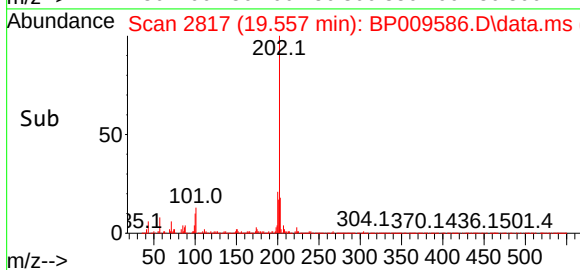
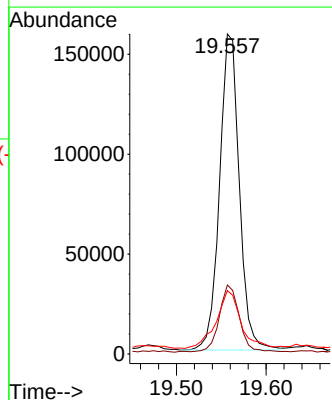
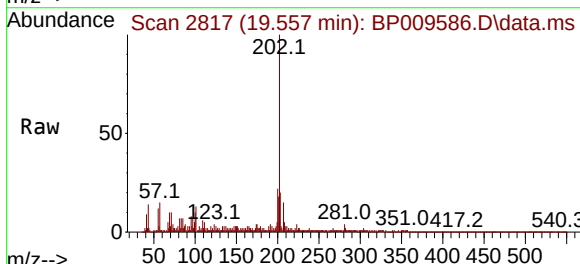
Instrument :
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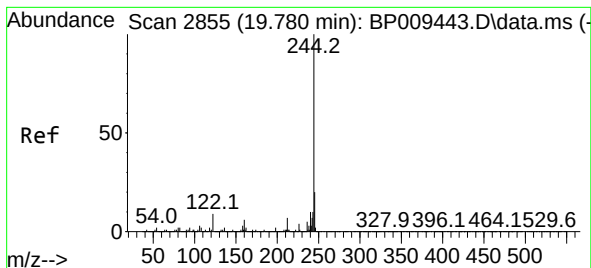
Tgt Ion:240 Resp: 1604594
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.4 20.6 30.8



#78
Pyrene
Concen: 2.288 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP009586.D
Acq: 29 Mar 2022 02:45

Tgt Ion:202 Resp: 241918
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 19.8 14.2 21.4





#79

Terphenyl-d14

Concen: 13.196 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

Instrument :

BNA_P

ClientSampleId :

HD-02-32422

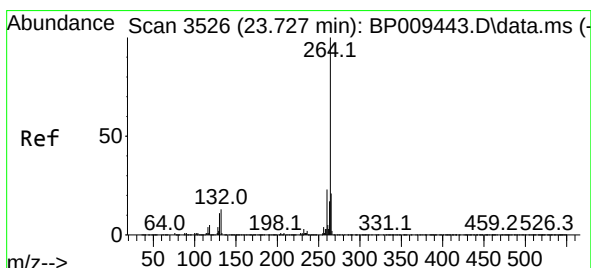
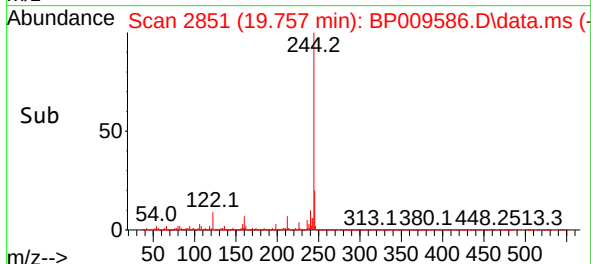
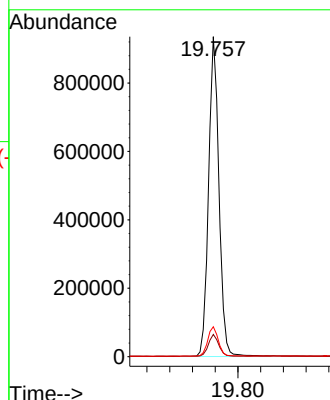
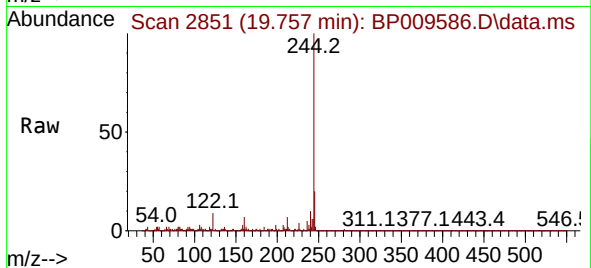
Tgt Ion:244 Resp: 1179677

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

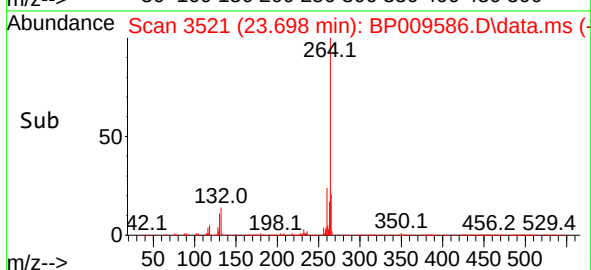
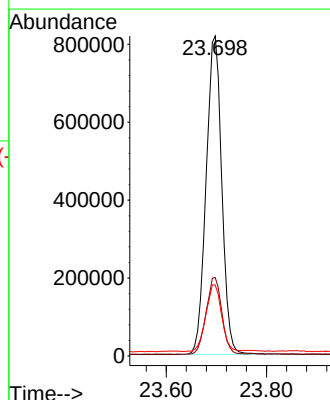
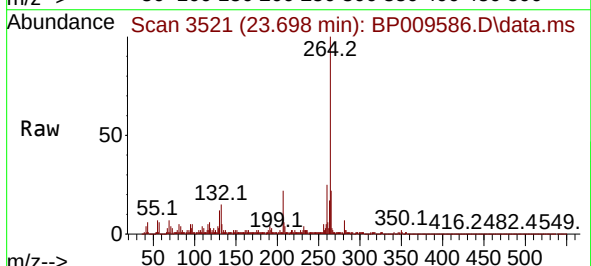
Tgt Ion:264 Resp: 1769746

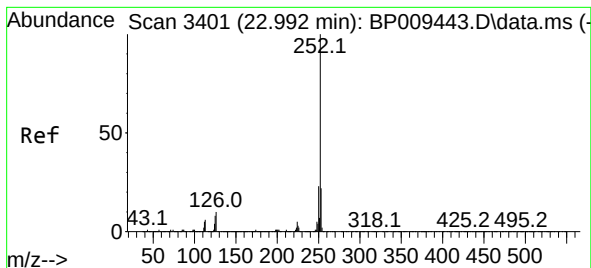
Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.2 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.471 ng

RT: 22.968 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

Instrument :

BNA_P

ClientSampleId :

HD-02-32422

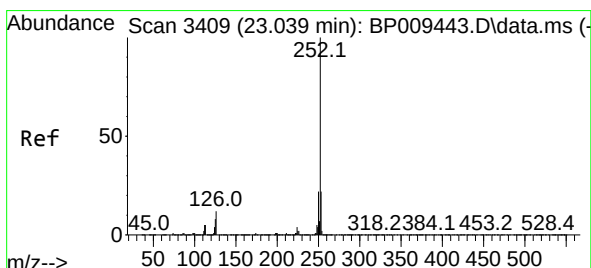
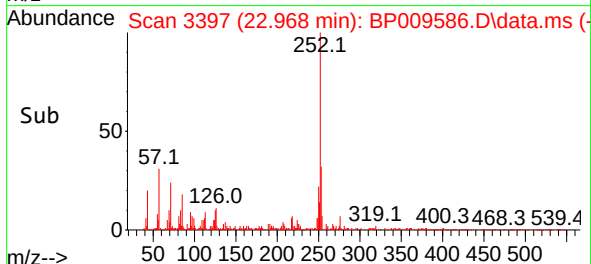
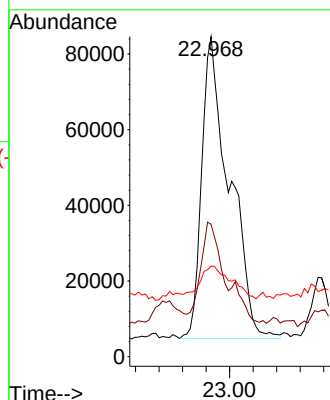
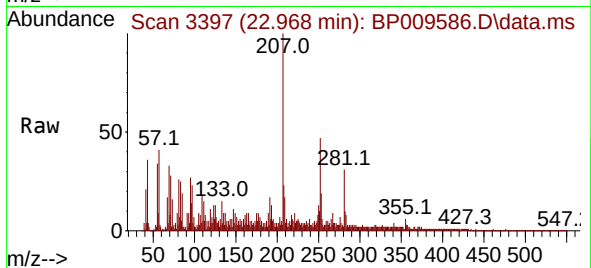
Tgt Ion:252 Resp: 261038

Ion Ratio Lower Upper

252 100

253 41.4 17.8 26.8#

125 28.3 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 2.524 ng

RT: 22.968 min Scan# 3397

Delta R.T. -0.041 min

Lab File: BP009586.D

Acq: 29 Mar 2022 02:45

Tgt Ion:252 Resp: 261038

Ion Ratio Lower Upper

252 100

253 41.4 17.5 26.3#

125 28.3 8.3 12.5#

