

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009055.D
 Acq On : 08 Feb 2022 13:17
 Operator : CG/JU
 Sample : N1362-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-341

Quant Time: Feb 08 14:05:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

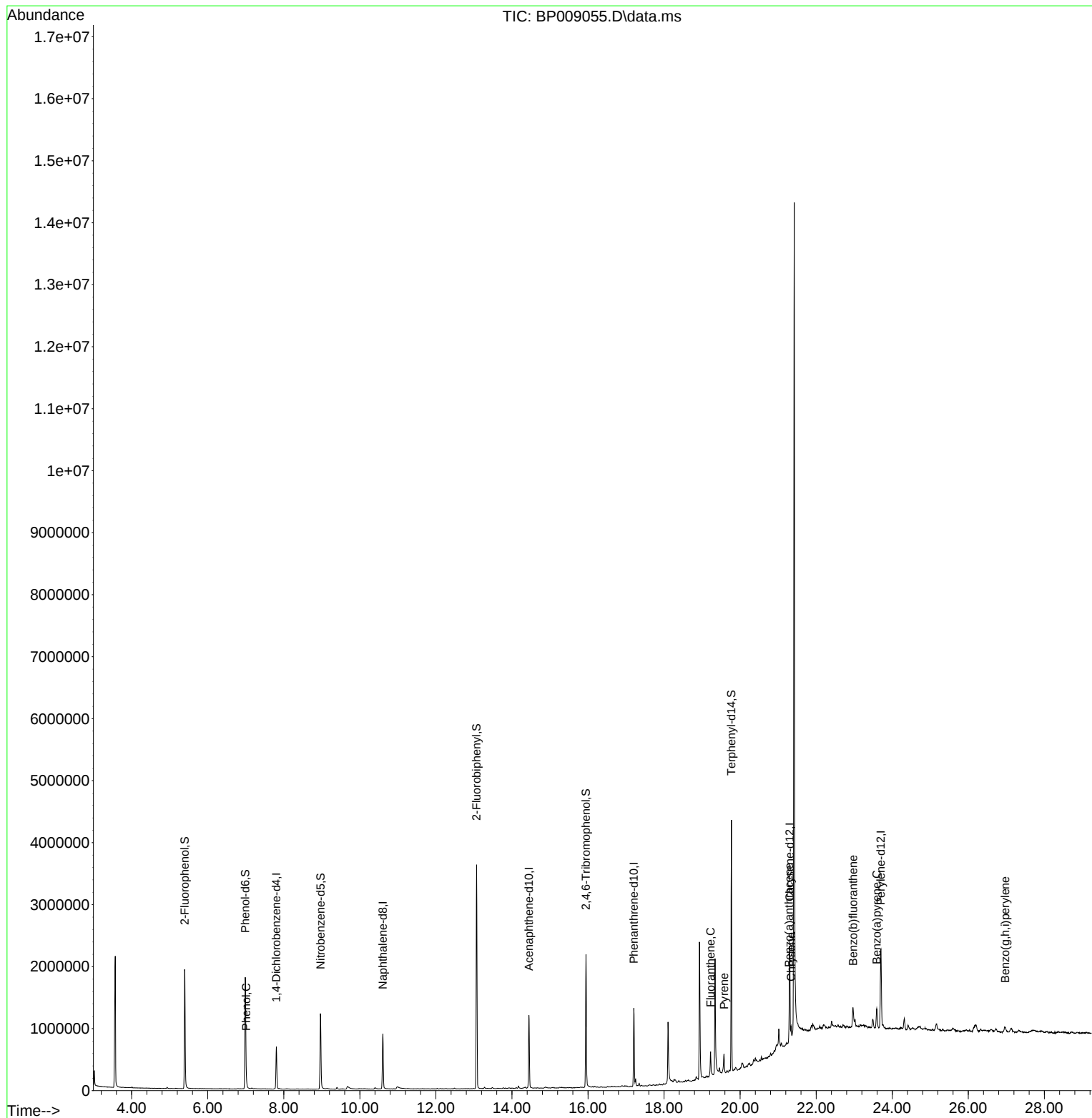
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	200690	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	807496	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	447084	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	791314	20.000	ng	0.00
76) Chrysene-d12	21.304	240	761798	20.000	ng	0.00
86) Perylene-d12	23.698	264	994834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	958671	85.210	ng	0.00
7) Phenol-d6	6.987	99	1178308	79.483	ng	0.00
23) Nitrobenzene-d5	8.963	82	774044	54.058	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	465911	78.050	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1976856	61.899	ng	0.00
79) Terphenyl-d14	19.769	244	1949974	46.032	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.016	94	39928	2.679	ng	75
75) Fluoranthene	19.222	202	181336	3.776	ng	97
78) Pyrene	19.575	202	191420	3.532	ng	97
81) Benzo(a)anthracene	21.286	228	111887	2.279	ng	99
83) Chrysene	21.339	228	114904	2.428	ng	97
88) Benzo(b)fluoranthene	22.974	252	198652	3.244	ng	# 93
90) Benzo(a)pyrene	23.592	252	136597	2.675	ng	# 90
92) Benzo(g,h,i)perylene	26.968	276	123423	2.041	ng	# 84

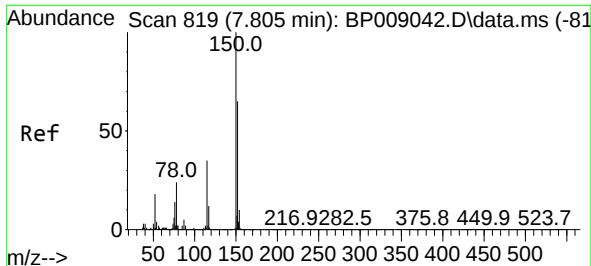
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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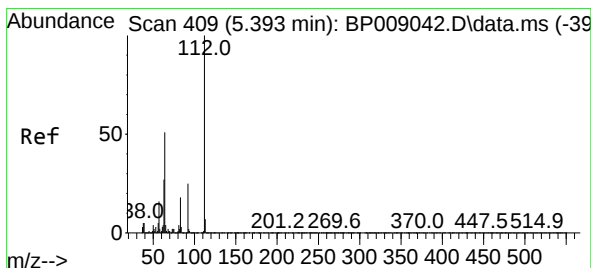
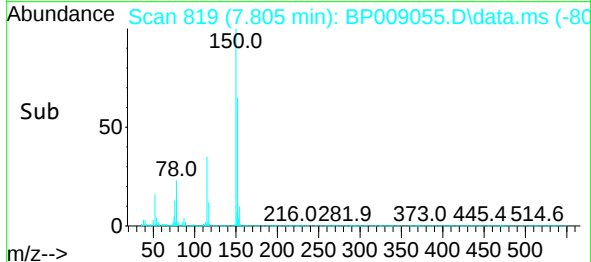
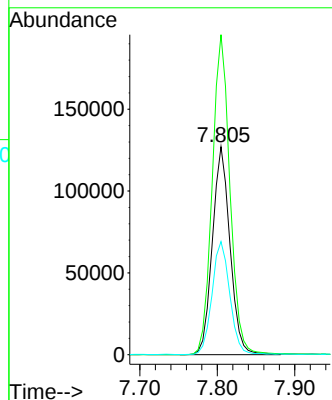
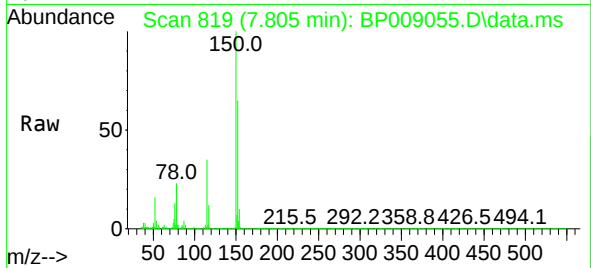




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

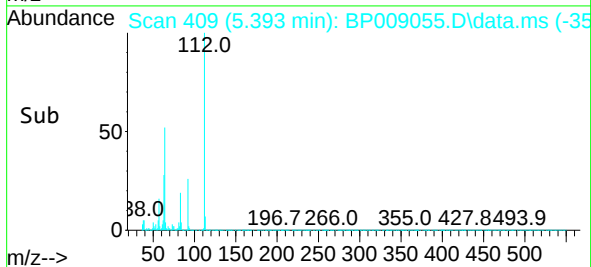
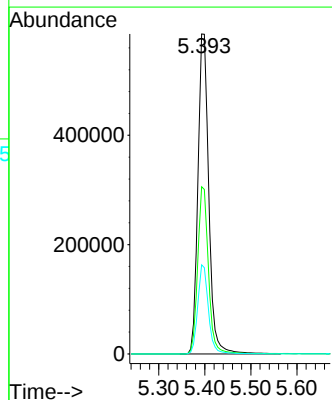
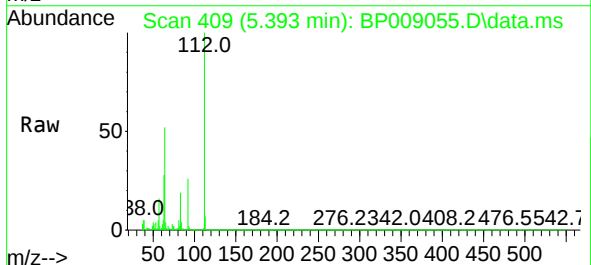
Instrument :
BNA_P
ClientSampleId :
RO-341

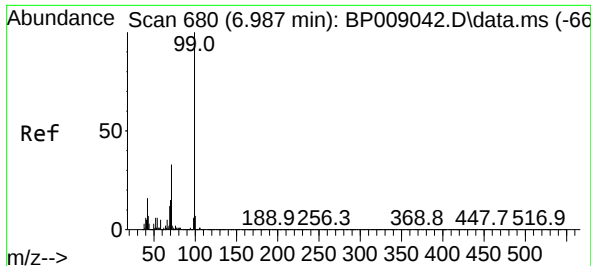
Tgt Ion:152 Resp: 200690
Ion Ratio Lower Upper
152 100
150 153.8 127.0 190.6
115 54.3 43.7 65.5



#5
2-Fluorophenol
Concen: 85.210 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:112 Resp: 958671
Ion Ratio Lower Upper
112 100
64 52.3 39.7 59.5
63 27.8 20.0 30.0





#7

Phenol-d6

Concen: 79.483 ng

RT: 6.987 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

Instrument :

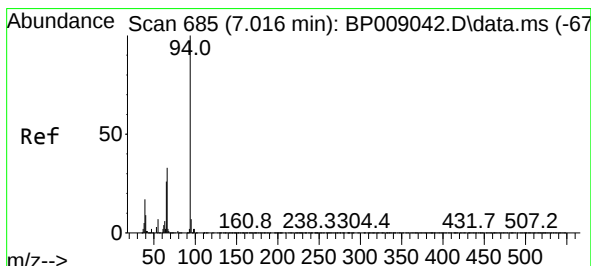
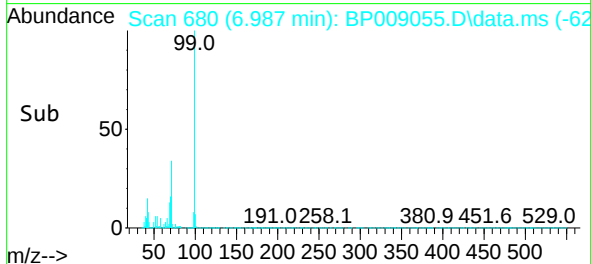
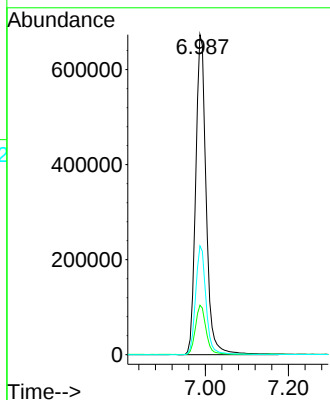
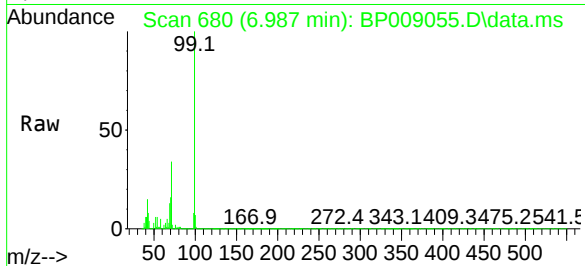
BNA_P

ClientSampleId :

RO-341

Tgt Ion: 99 Resp: 1178308

Ion	Ratio	Lower	Upper
99	100		
42	15.4	10.8	16.2
71	34.0	23.8	35.6



#10

Phenol

Concen: 2.679 ng

RT: 7.016 min Scan# 685

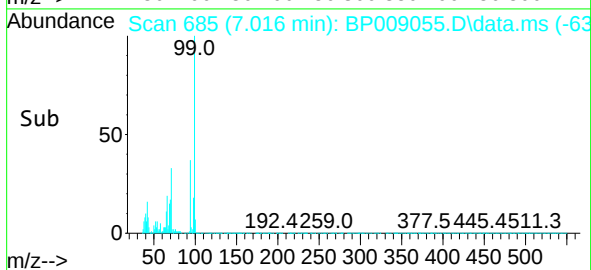
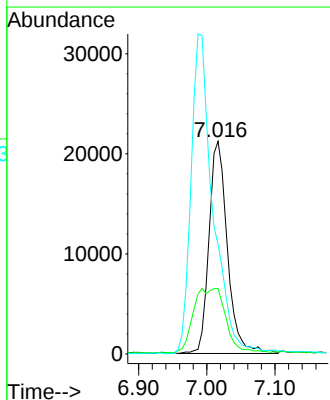
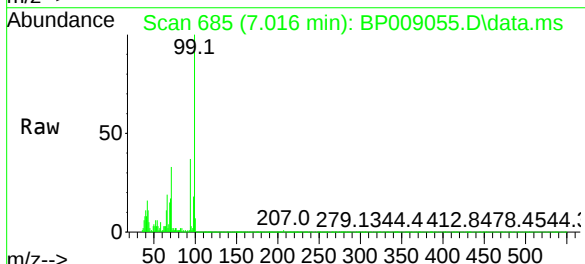
Delta R.T. 0.000 min

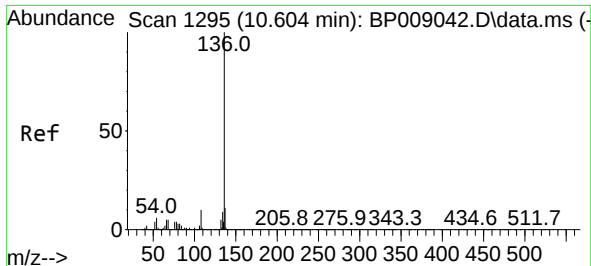
Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

Tgt Ion: 94 Resp: 39928

Ion	Ratio	Lower	Upper
94	100		
65	30.8	4.1	44.1
66	51.5	12.4	52.4

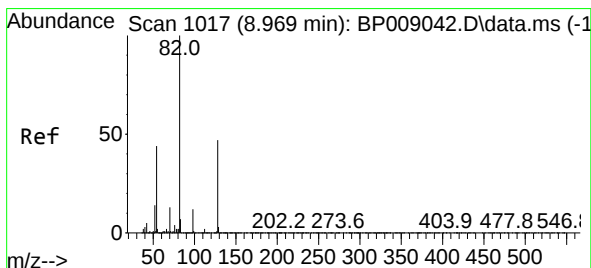
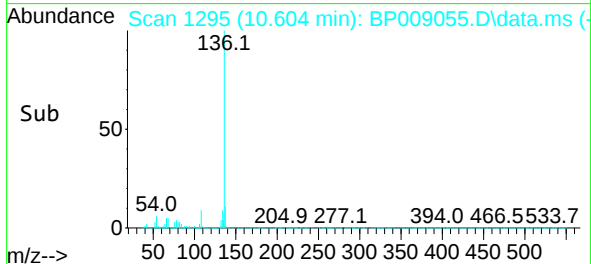
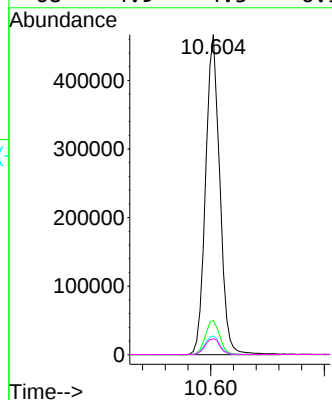
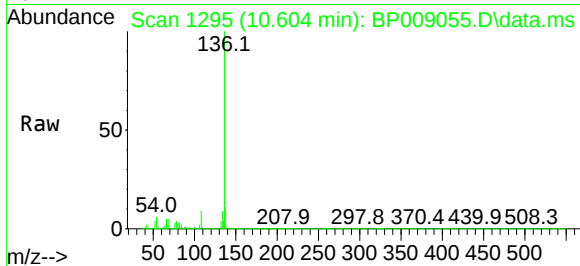




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

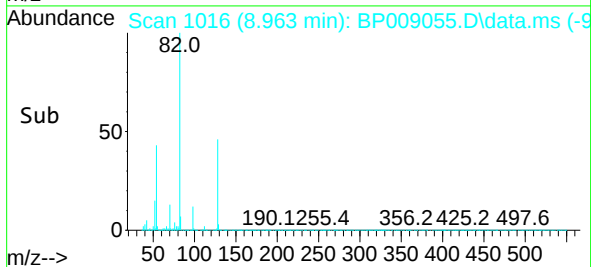
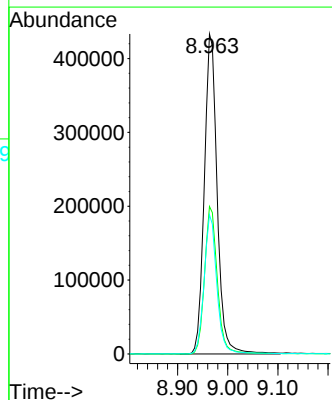
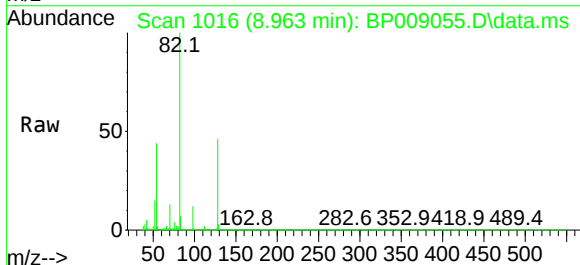
Instrument :
BNA_P
ClientSampleId :
RO-341

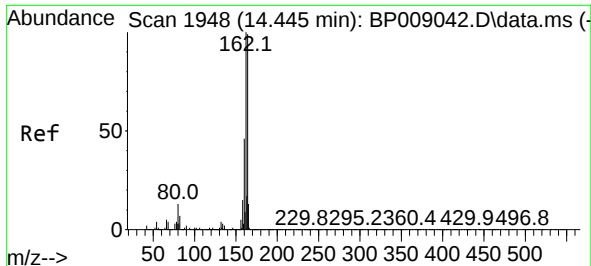
Tgt Ion:	136	Resp:	807496
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.9	4.9	7.3
68	4.9	4.3	6.5



#23
Nitrobenzene-d5
Concen: 54.058 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:	82	Resp:	774044
Ion	Ratio	Lower	Upper
82	100		
128	46.1	39.4	59.2
54	43.5	32.6	48.8

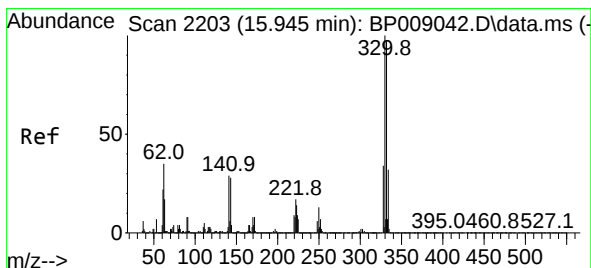
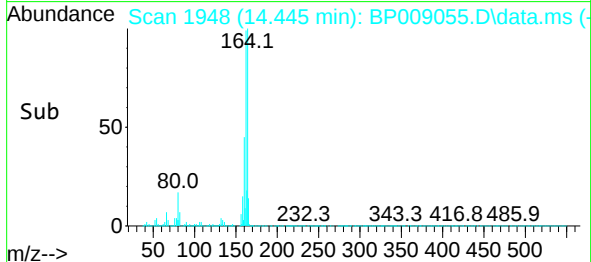
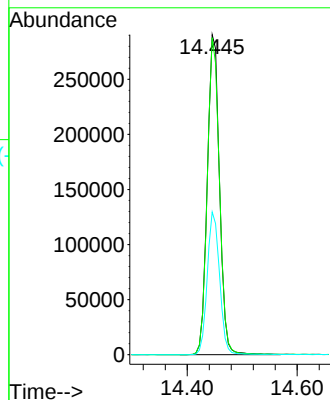
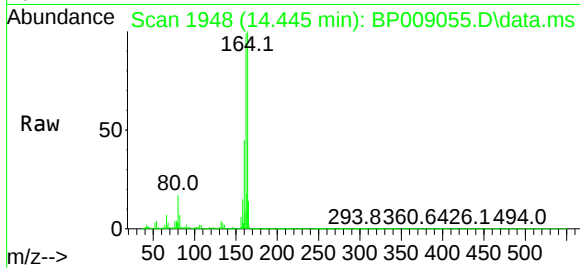




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

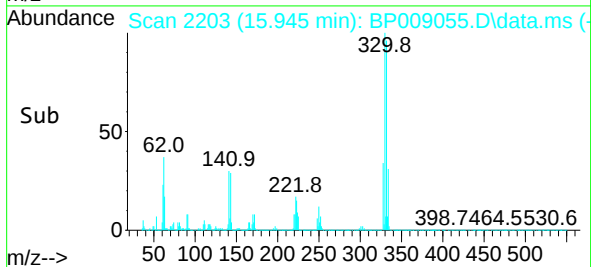
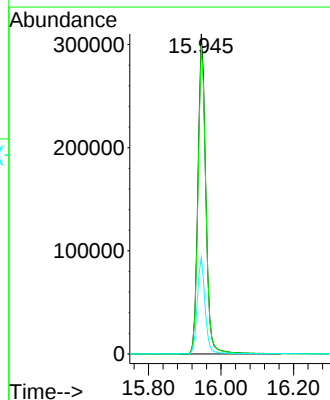
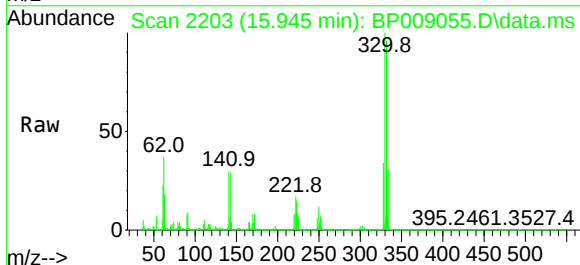
Instrument :
BNA_P
ClientSampleId :
RO-341

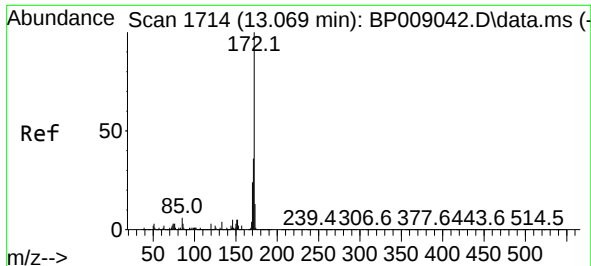
Tgt Ion:164 Resp: 447084
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 78.050 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:330 Resp: 465911
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 30.0 21.3 31.9

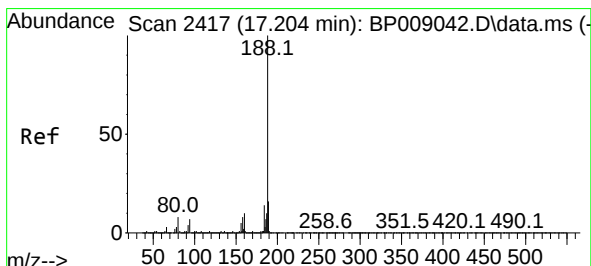
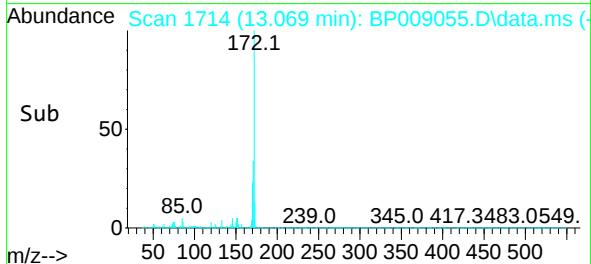
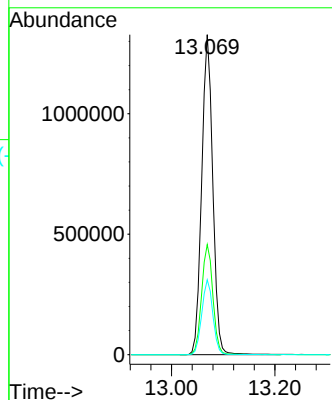
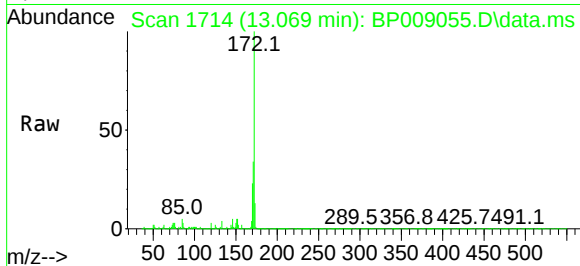




#45
2-Fluorobiphenyl
Concen: 61.899 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

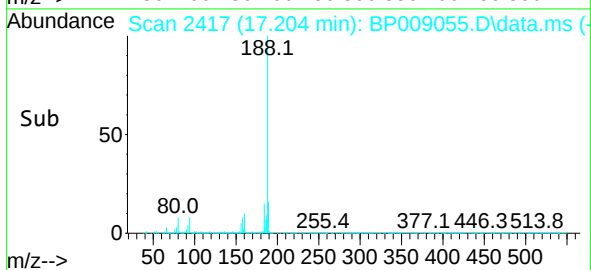
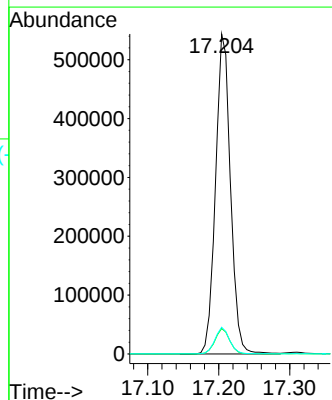
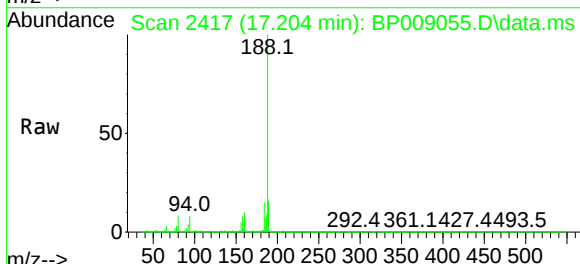
Instrument :
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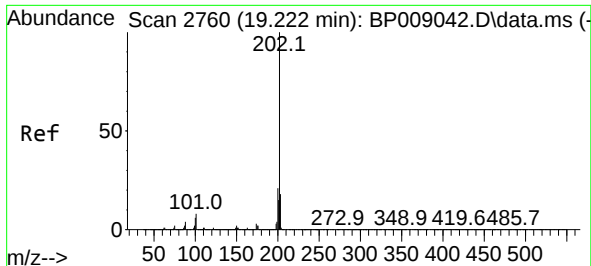
Tgt Ion:172 Resp: 1976856
Ion Ratio Lower Upper
172 100
171 34.4 29.3 43.9
170 23.4 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:188 Resp: 791314
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.4 7.2 10.8

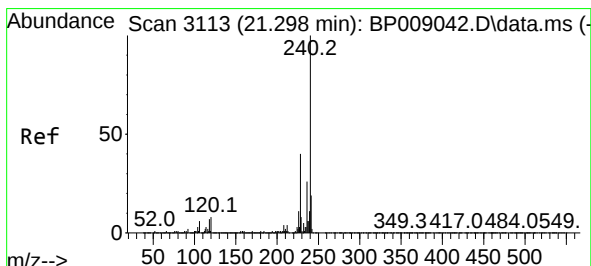
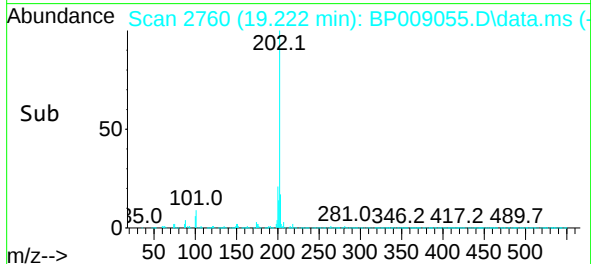
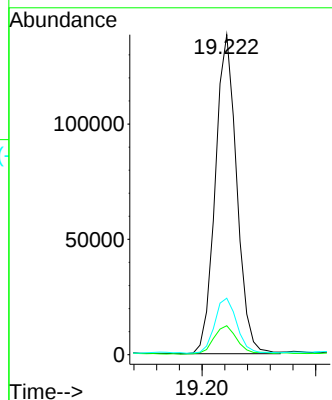
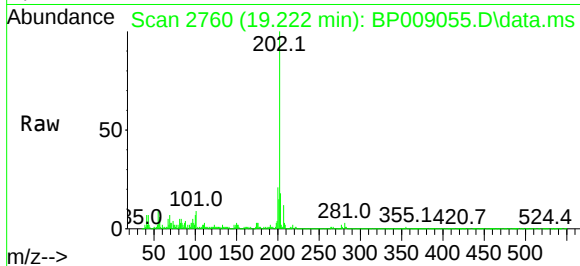




#75
Fluoranthene
Concen: 3.776 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

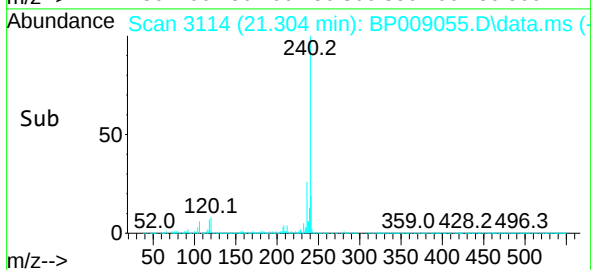
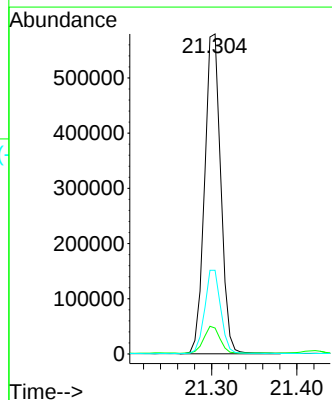
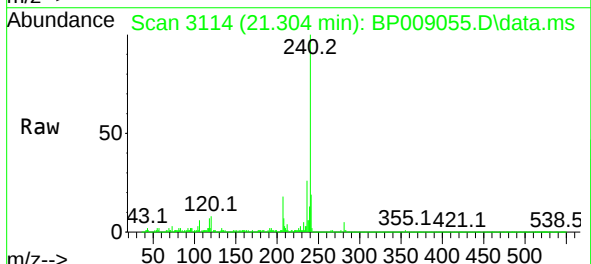
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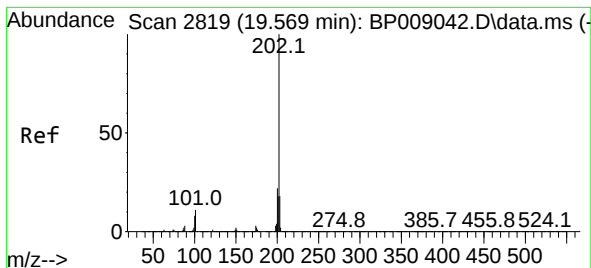
Tgt Ion:202 Resp: 181336
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.7 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:240 Resp: 761798
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.1 21.2 31.8





#78

Pyrene

Concen: 3.532 ng

RT: 19.575 min Scan# 2819

Delta R.T. 0.006 min

Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

Instrument :

BNA_P

ClientSampleId :

RO-341

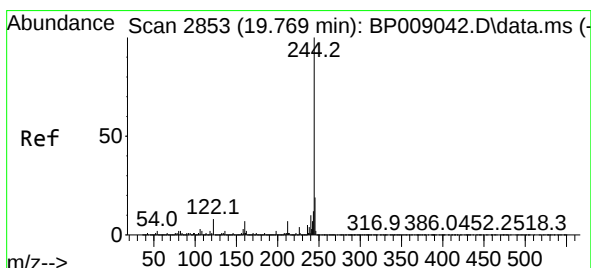
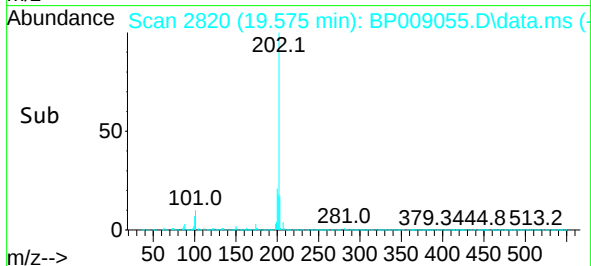
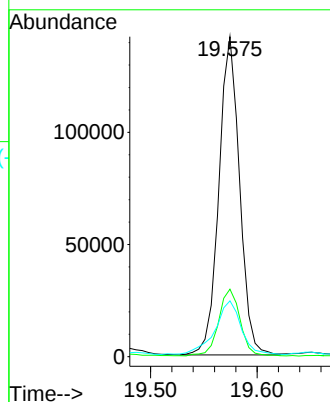
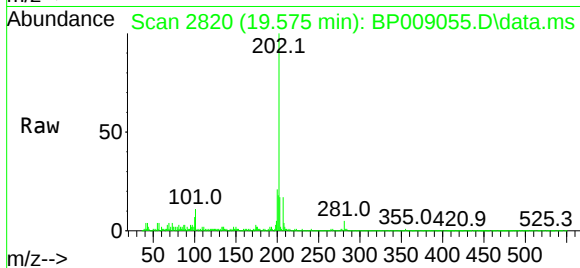
Tgt Ion:202 Resp: 191420

Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

203 17.5 15.0 22.6



#79

Terphenyl-d14

Concen: 46.032 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

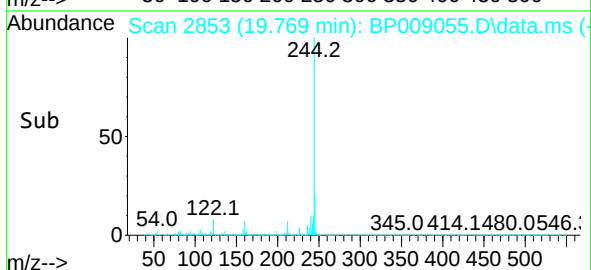
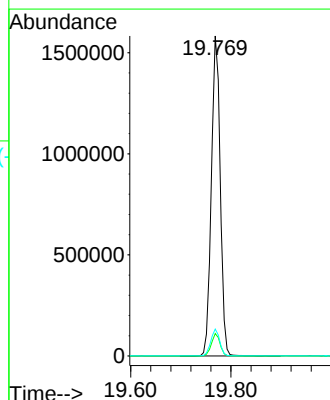
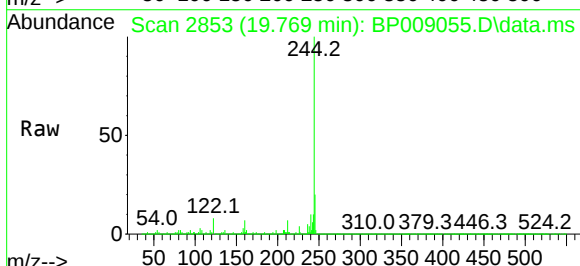
Tgt Ion:244 Resp: 1949974

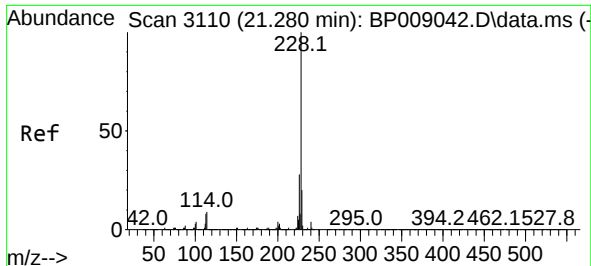
Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 8.4 9.2 13.8#

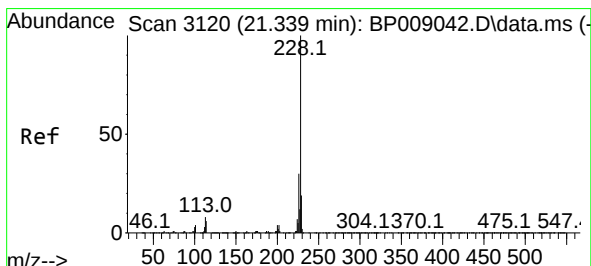
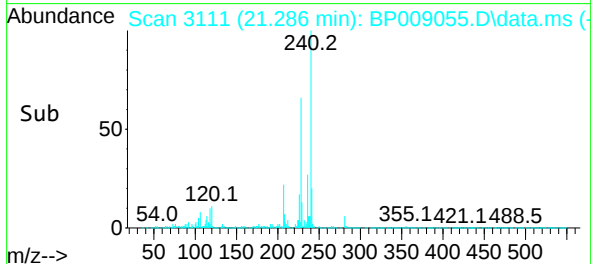
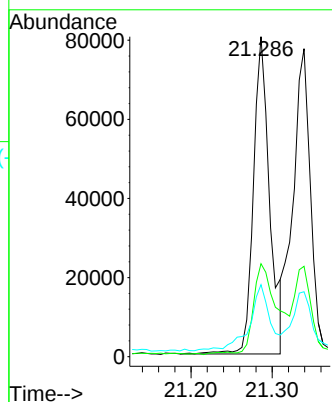
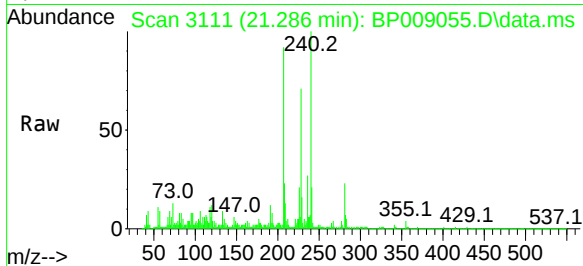




#81
Benzo(a)anthracene
Concen: 2.279 ng
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

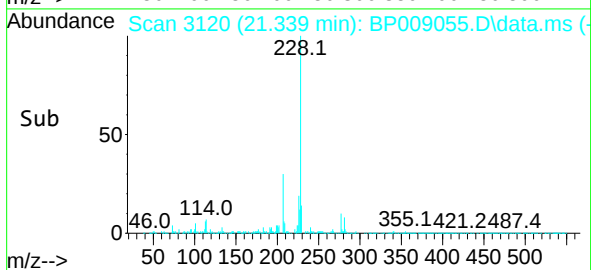
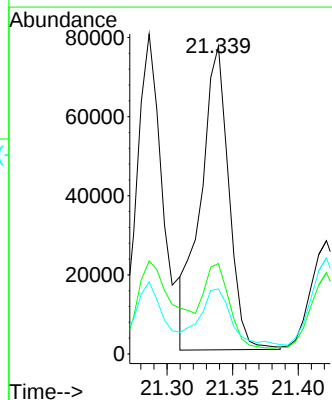
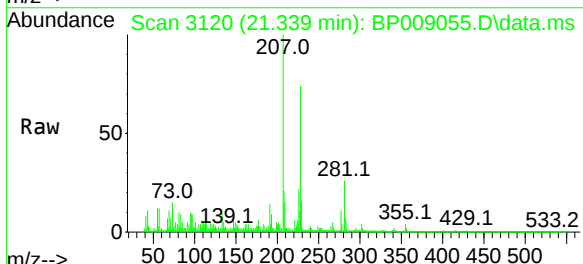
Instrument :
BNA_P
ClientSampleId :
RO-341

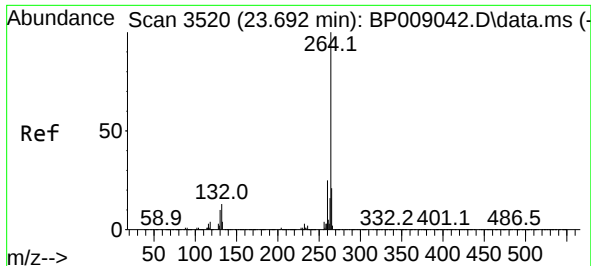
Tgt Ion:228 Resp: 111887
Ion Ratio Lower Upper
228 100
226 29.0 23.3 34.9
229 22.5 17.0 25.6



#83
Chrysene
Concen: 2.428 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP009055.D
Acq: 08 Feb 2022 13:17

Tgt Ion:228 Resp: 114904
Ion Ratio Lower Upper
228 100
226 29.4 26.0 39.0
229 21.1 16.9 25.3

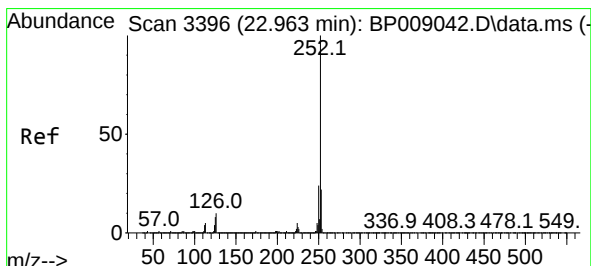
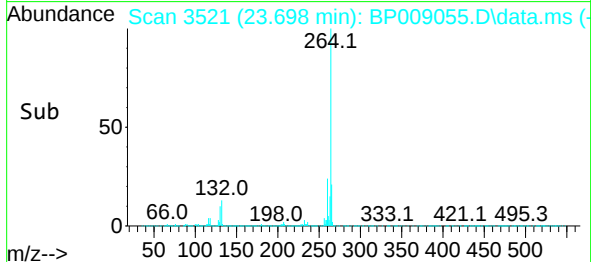
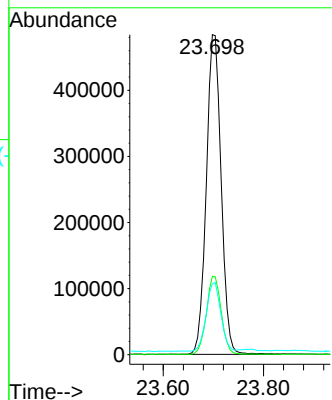
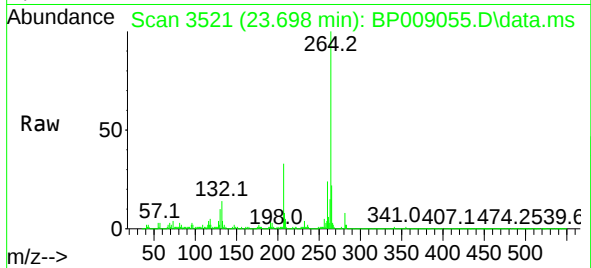




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3520
 Delta R.T. 0.006 min
 Lab File: BP009055.D
 Acq: 08 Feb 2022 13:17

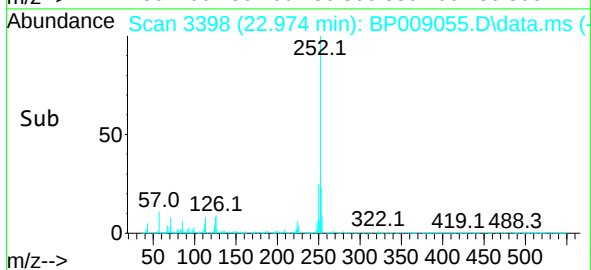
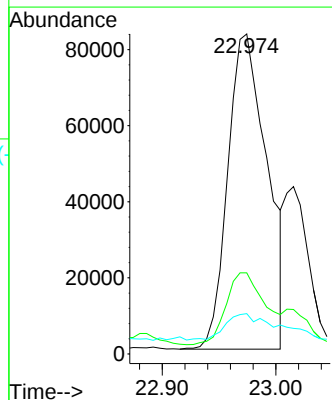
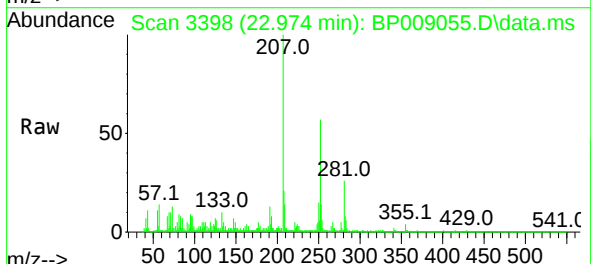
Instrument :
 BNA_P
 ClientSampleId :
 RO-341

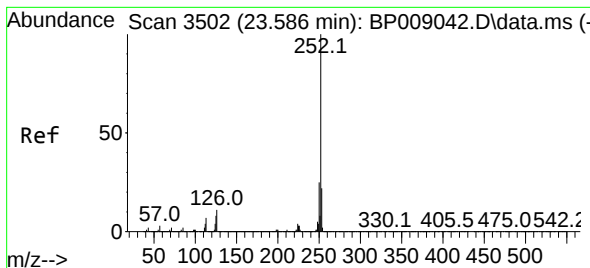
Tgt Ion:264 Resp: 994834
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.2 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 3.244 ng
 RT: 22.974 min Scan# 3398
 Delta R.T. 0.012 min
 Lab File: BP009055.D
 Acq: 08 Feb 2022 13:17

Tgt Ion:252 Resp: 198652
 Ion Ratio Lower Upper
 252 100
 253 25.4 18.0 27.0
 125 12.6 6.9 10.3#





#90

Benzo(a)pyrene

Concen: 2.675 ng

RT: 23.592 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

Instrument :

BNA_P

ClientSampleId :

RO-341

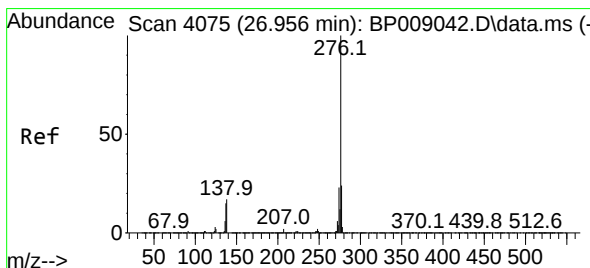
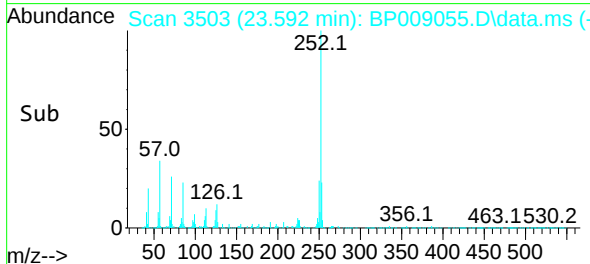
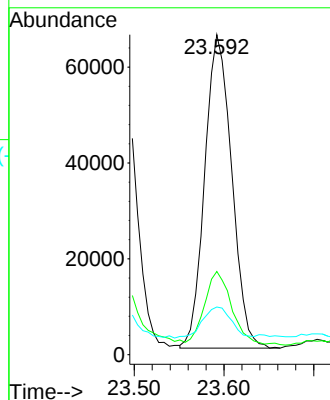
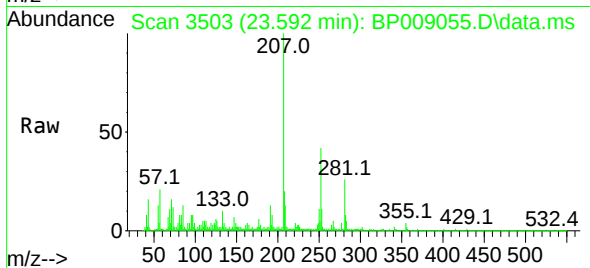
Tgt Ion:252 Resp: 136597

Ion Ratio Lower Upper

252 100

253 26.0 17.8 26.8

125 14.9 7.8 11.6#



#92

Benzo(g,h,i)perylene

Concen: 2.041 ng

RT: 26.968 min Scan# 4077

Delta R.T. 0.012 min

Lab File: BP009055.D

Acq: 08 Feb 2022 13:17

Tgt Ion:276 Resp: 123423

Ion Ratio Lower Upper

276 100

277 36.7 19.2 28.8#

138 16.7 15.0 22.4

