

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008147.D
 Acq On : 29 Nov 2021 18:13
 Operator : CG/JU
 Sample : M4819-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-112321

Quant Time: Nov 30 00:05:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

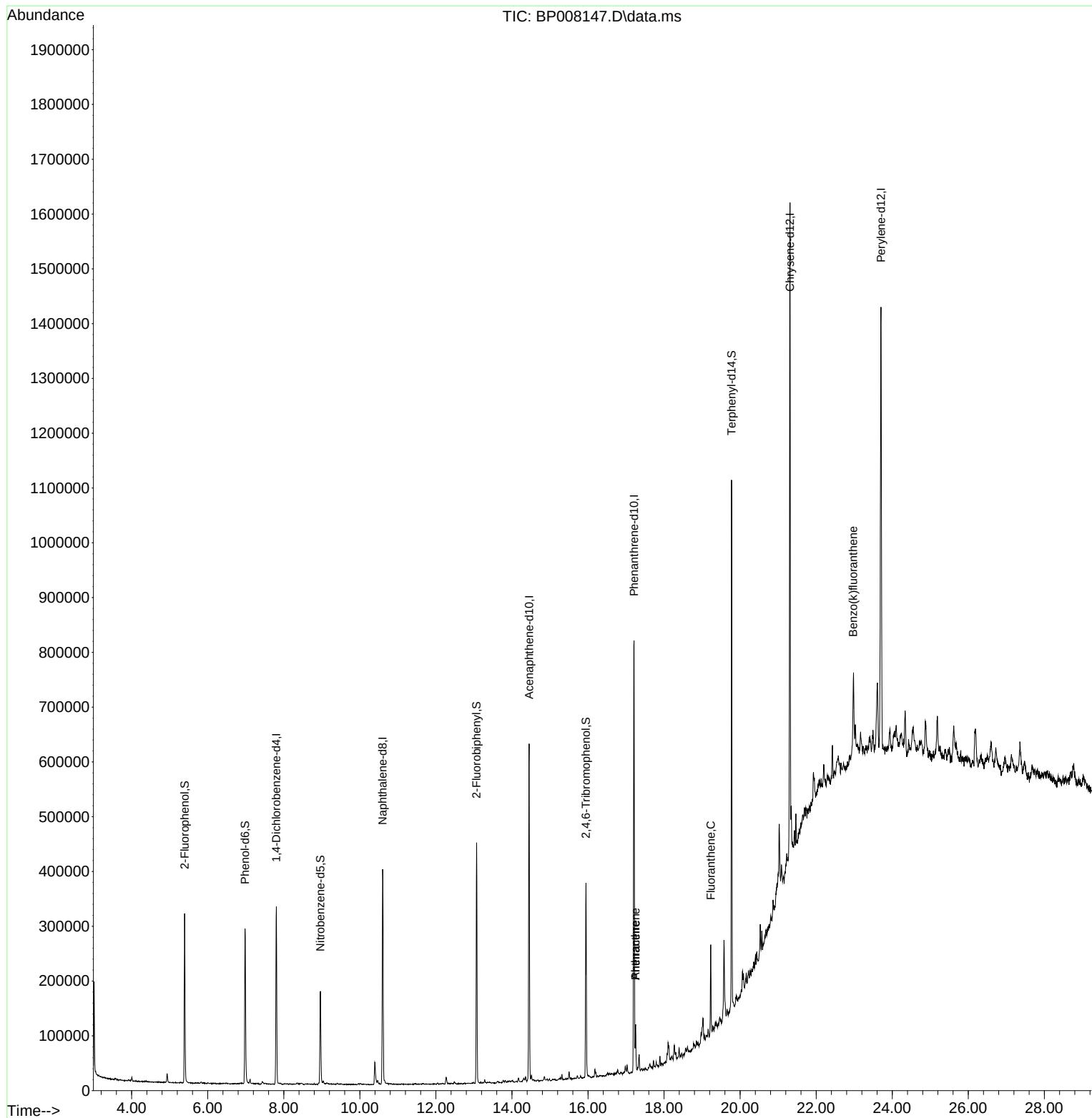
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	83365	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	307417	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	205630	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	478088	20.000	ng	0.00
76) Chrysene-d12	21.310	240	566108	20.000	ng	0.00
86) Perylene-d12	23.704	264	622309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	120981	23.366	ng	-0.01
7) Phenol-d6	6.981	99	157272	22.501	ng	-0.02
23) Nitrobenzene-d5	8.957	82	103258	15.274	ng	-0.02
42) 2,4,6-Tribromophenol	15.945	330	63131	24.020	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	219988	15.540	ng	-0.01
79) Terphenyl-d14	19.775	244	437824	16.163	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.958	77	204	Below Cal	#	38
71) Phenanthrene	17.251	178	50949	2.018	ng	98
72) Anthracene	17.251	178	50949	2.034	ng	98
75) Fluoranthene	19.228	202	87774	2.581	ng	98
78) Pyrene	19.575	202	80791	Below Cal		98
89) Benzo(k)fluoranthene	22.974	252	74483	2.028	ng	# 67

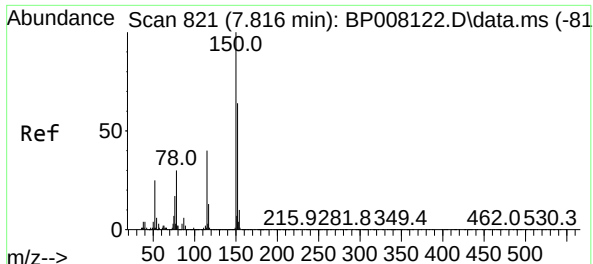
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Nov 30 00:05:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

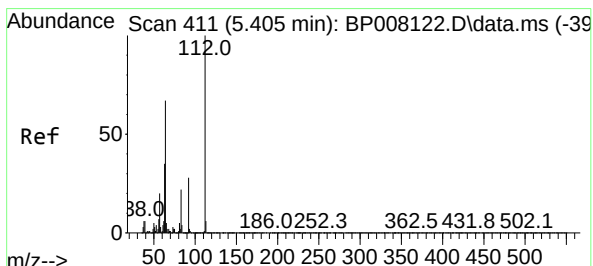
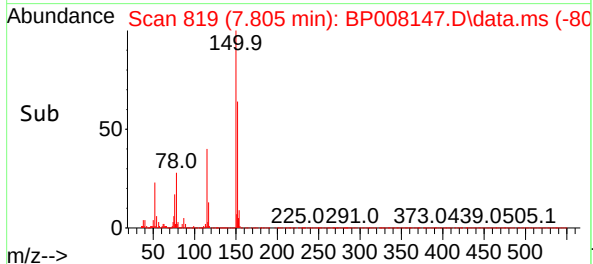
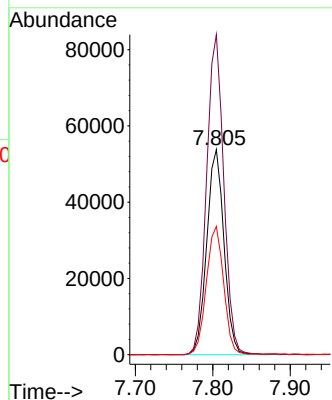
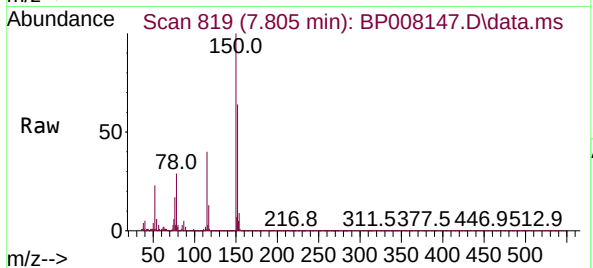




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

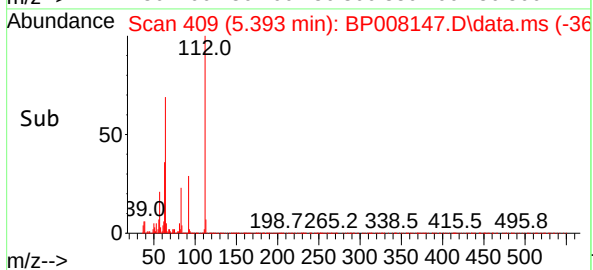
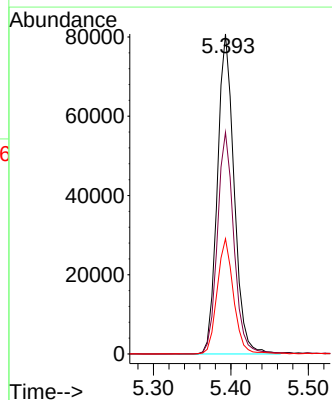
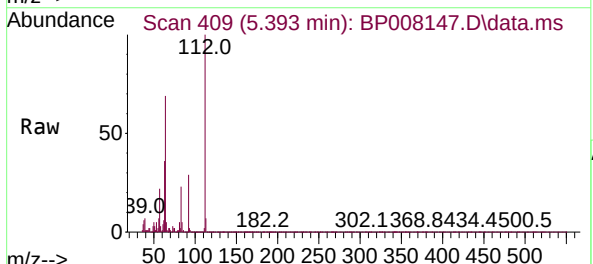
Instrument :
BNA_P
ClientSampleId :
OR-02-112321

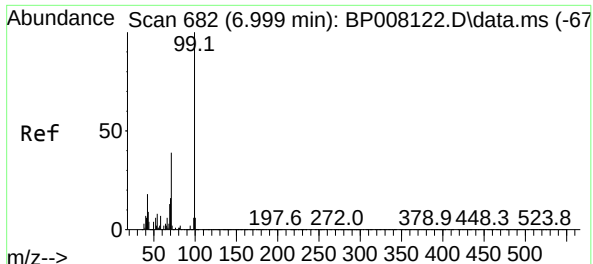
Tgt Ion:152 Resp: 83365
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 62.6 50.7 76.1



#5
2-Fluorophenol
Concen: 23.366 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:112 Resp: 120981
Ion Ratio Lower Upper
112 100
64 69.3 53.4 80.2
63 36.0 27.8 41.8

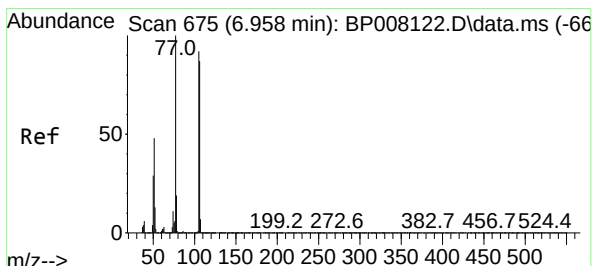
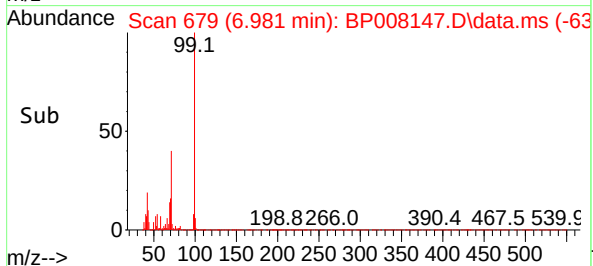
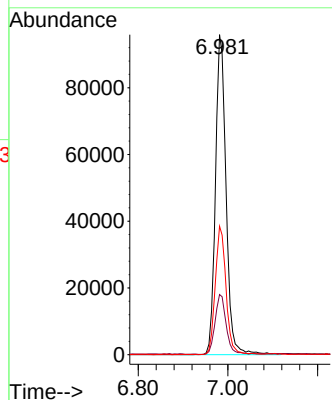
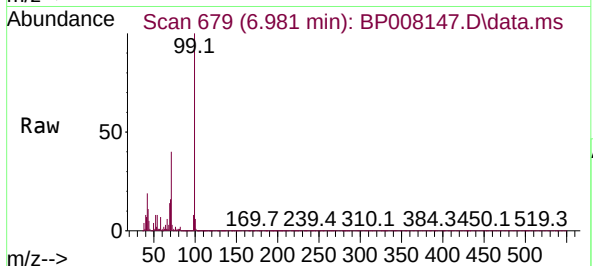




#7
Phenol-d6
Concen: 22.501 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

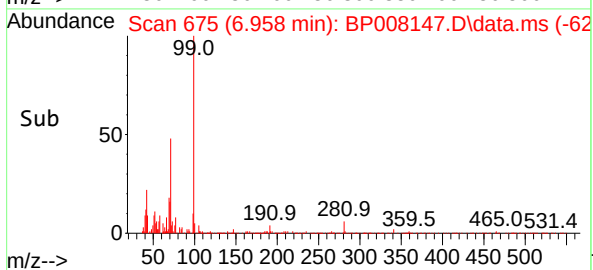
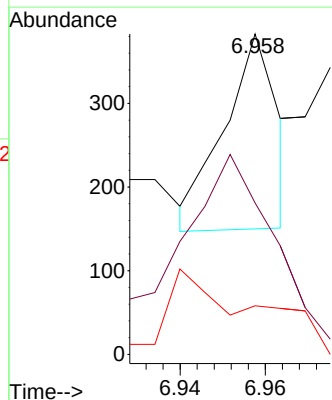
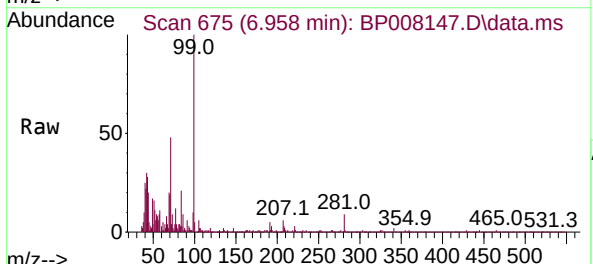
Instrument :
BNA_P
ClientSampleId :
OR-02-112321

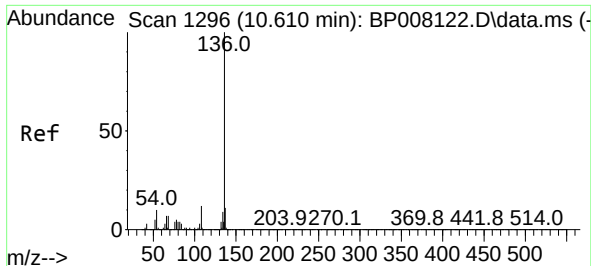
Tgt Ion: 99 Resp: 157272
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 40.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.958 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion: 77 Resp: 204
Ion Ratio Lower Upper
77 100
105 47.3 71.8 111.8#
106 15.1 67.3 107.3#

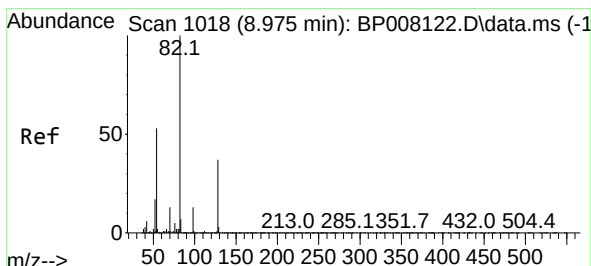
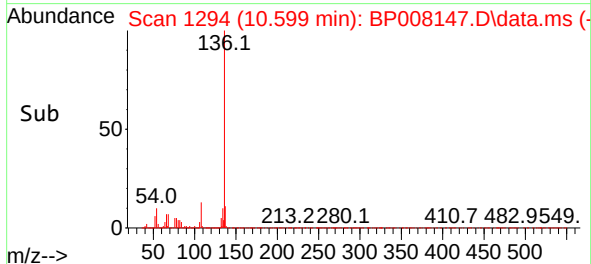
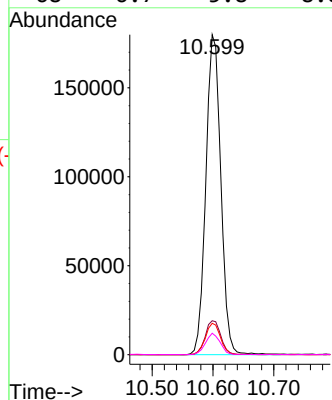
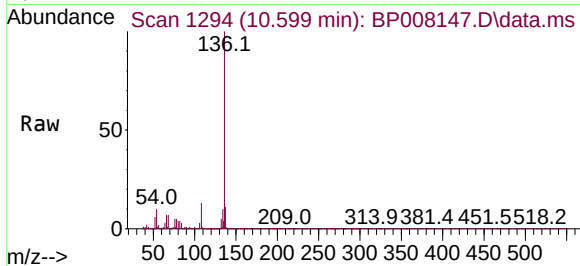




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

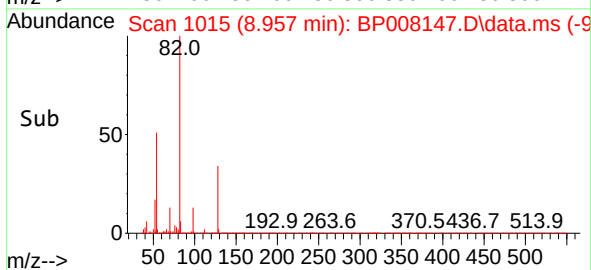
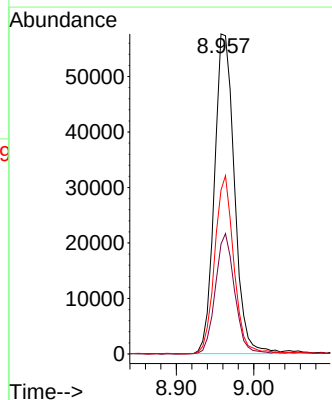
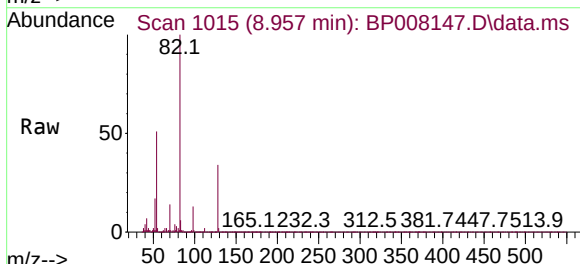
Instrument :
BNA_P
ClientSampleId :
OR-02-112321

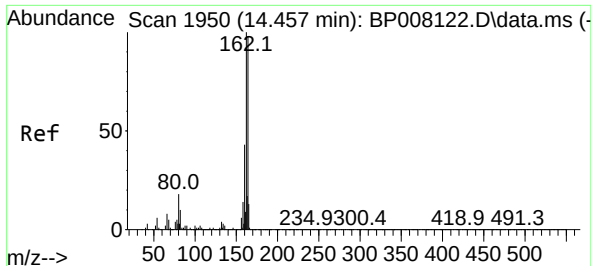
Tgt Ion:136 Resp: 307417
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.2 12.4
68 6.7 5.8 8.8



#23
Nitrobenzene-d5
Concen: 15.274 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion: 82 Resp: 103258
Ion Ratio Lower Upper
82 100
128 34.4 29.6 44.4
54 51.2 42.7 64.1

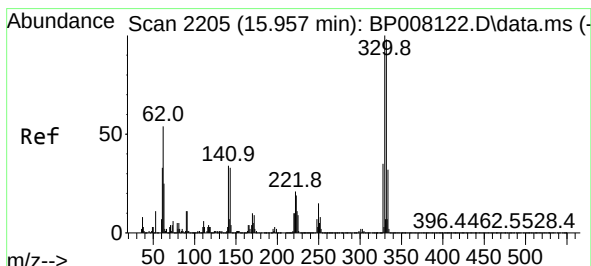
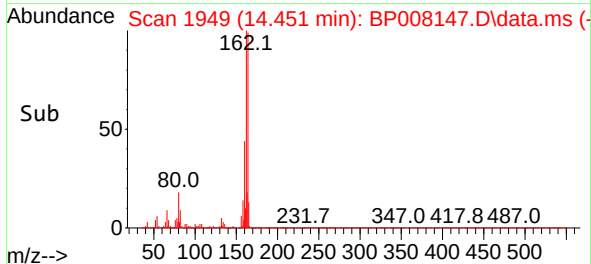
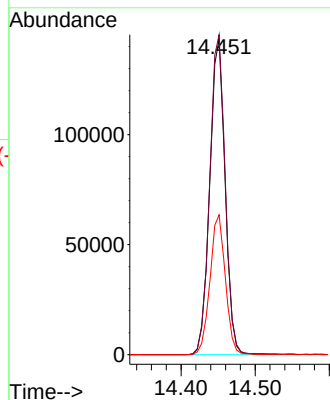
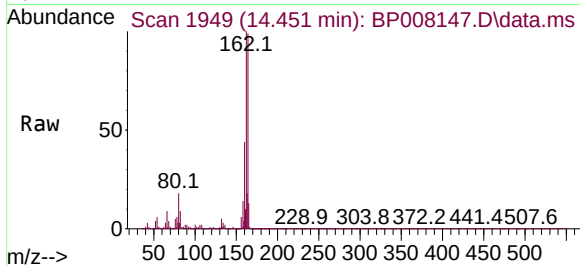




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

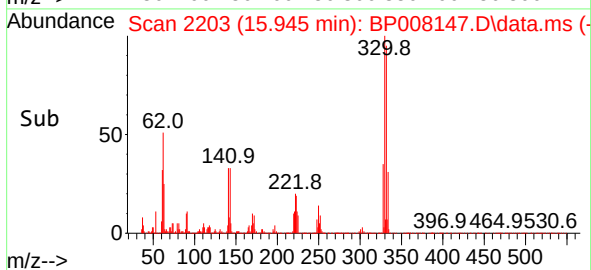
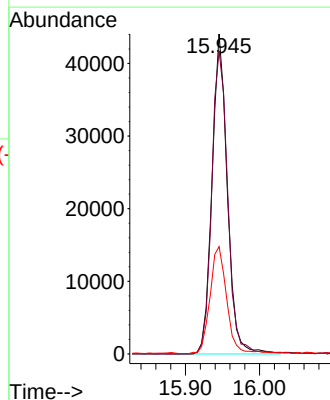
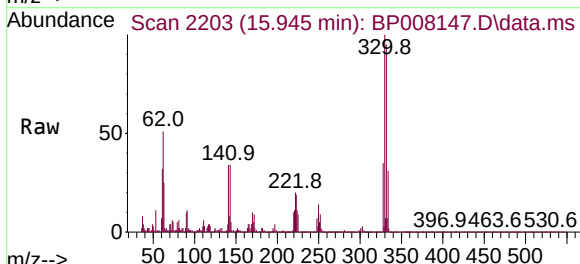
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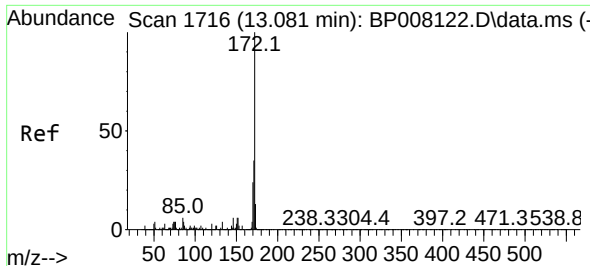
Tgt Ion:164 Resp: 205630
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 24.020 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:330 Resp: 63131
Ion Ratio Lower Upper
330 100
332 99.4 77.0 115.4
141 36.8 28.4 42.6

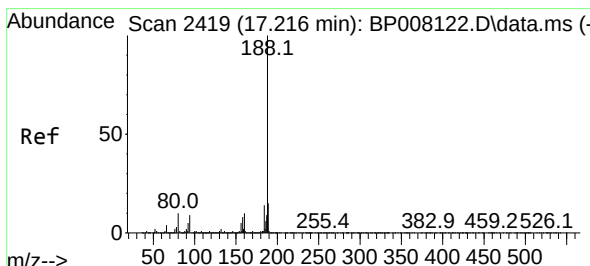
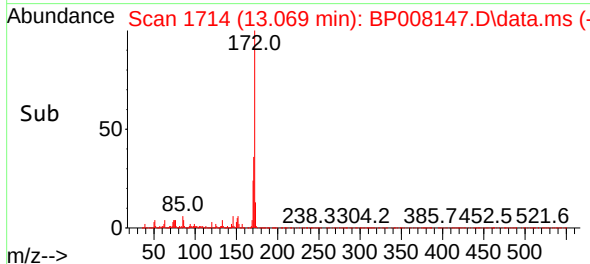
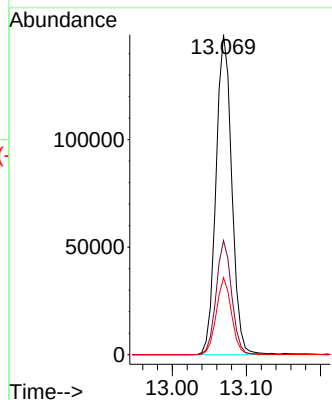
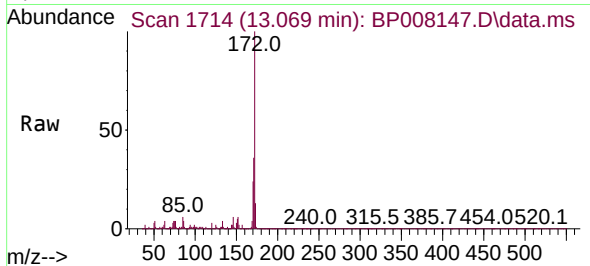




#45
2-Fluorobiphenyl
Concen: 15.540 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

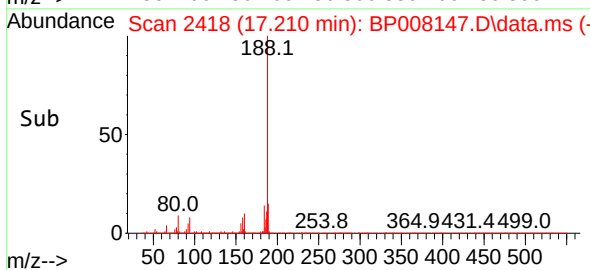
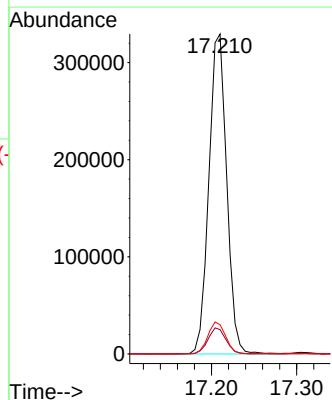
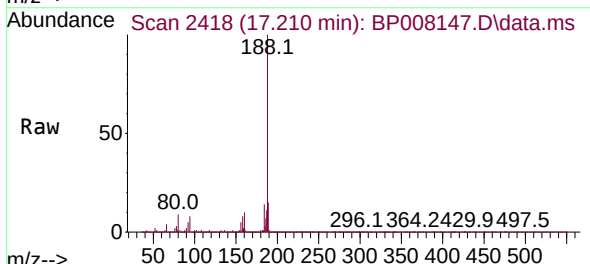
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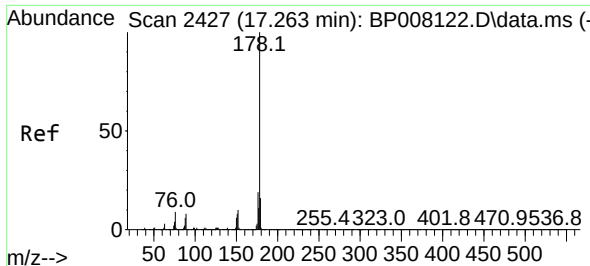
Tgt Ion:172 Resp: 219988
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:188 Resp: 478088
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 9.2 8.2 12.4

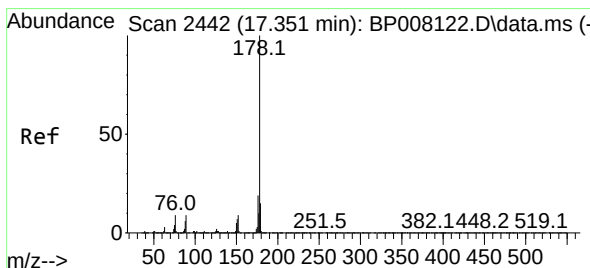
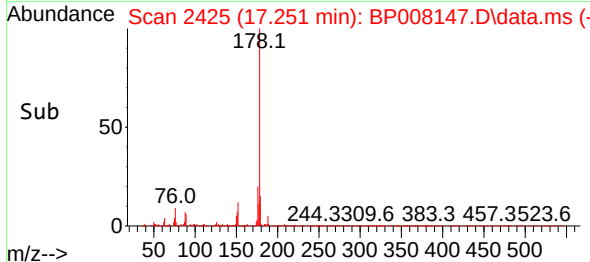
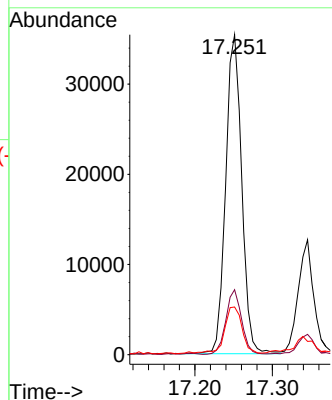
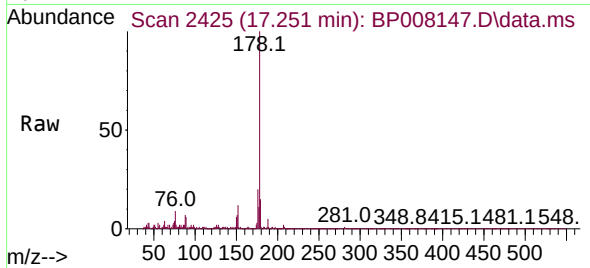




#71
Phenanthrene
Concen: 2.018 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

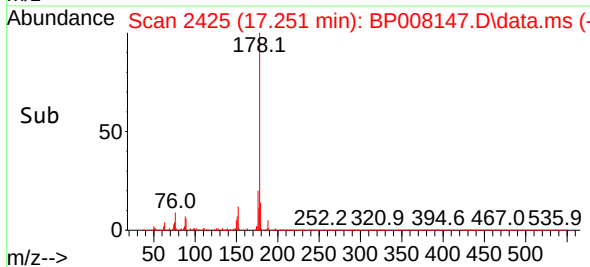
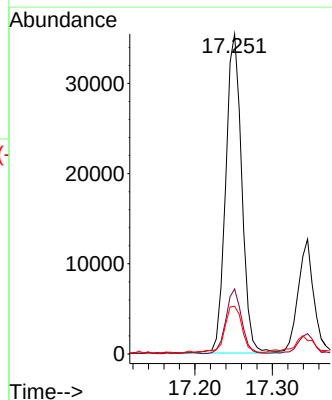
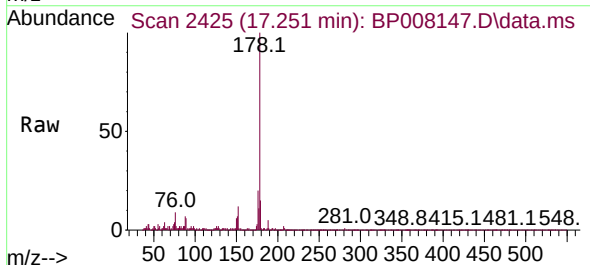
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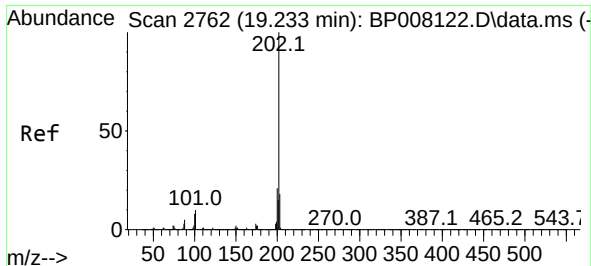
Tgt Ion:	178	Resp:	50949
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.3	22.9
179	14.9	12.5	18.7



#72
Anthracene
Concen: 2.034 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.100 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:	178	Resp:	50949
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.1	22.7
179	14.9	12.3	18.5

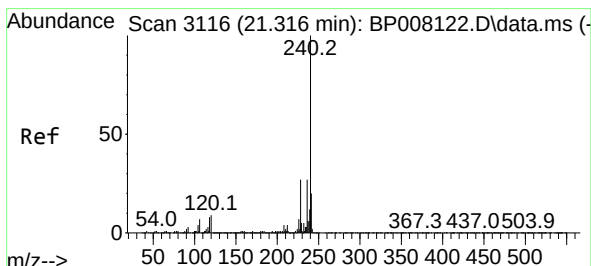
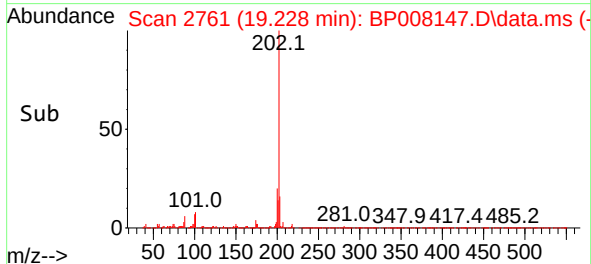
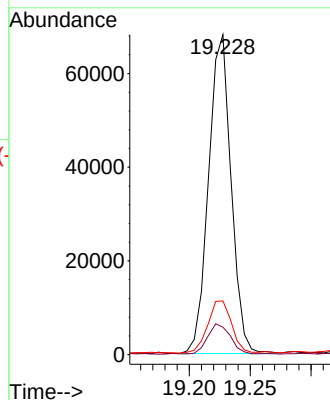
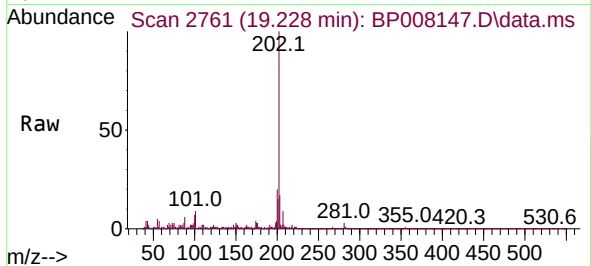




#75
Fluoranthene
Concen: 2.581 ng
RT: 19.228 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

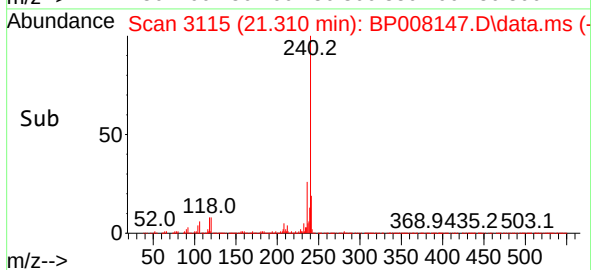
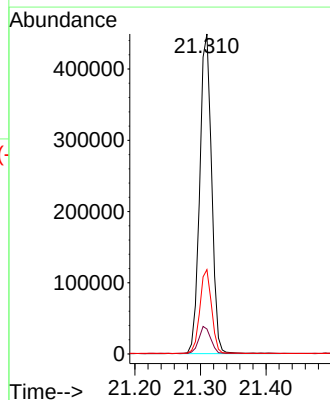
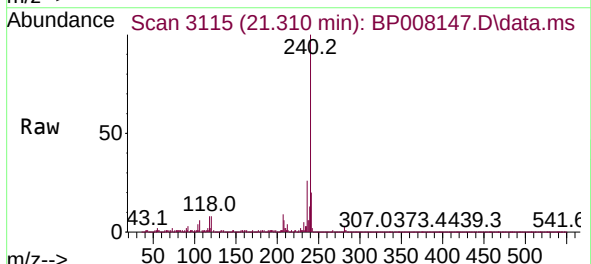
Instrument :
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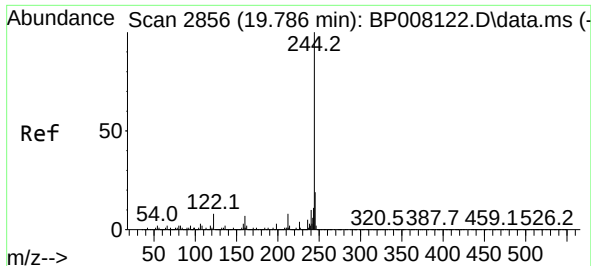
Tgt Ion:	202	Resp:	87774
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.8
203	16.8	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008147.D
Acq: 29 Nov 2021 18:13

Tgt Ion:	240	Resp:	566108
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.3	10.9
236	26.3	21.4	32.2

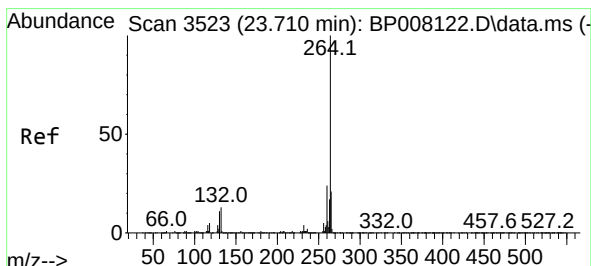
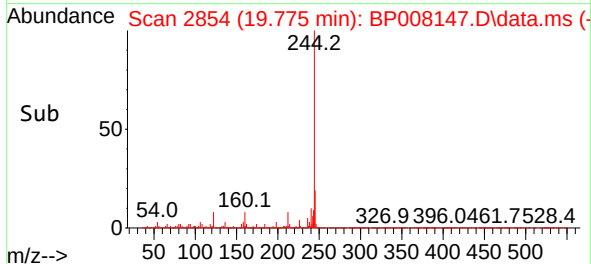
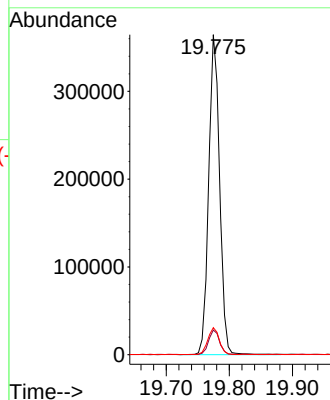
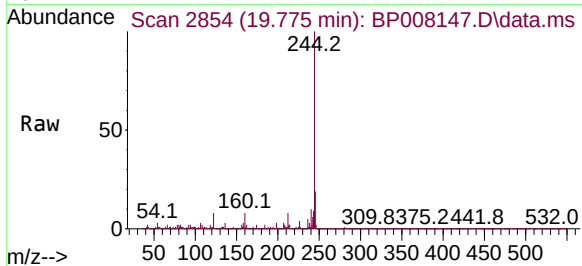




#79
 Terphenyl-d14
 Concen: 16.163 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BP008147.D
 Acq: 29 Nov 2021 18:13

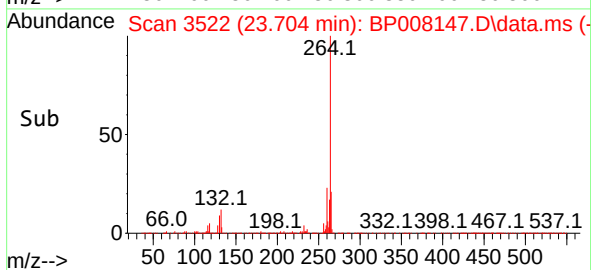
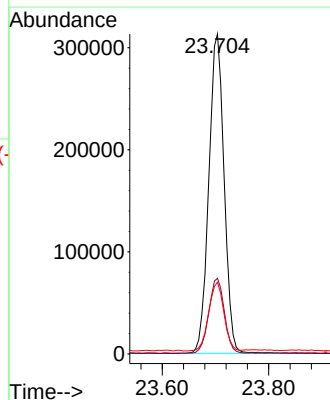
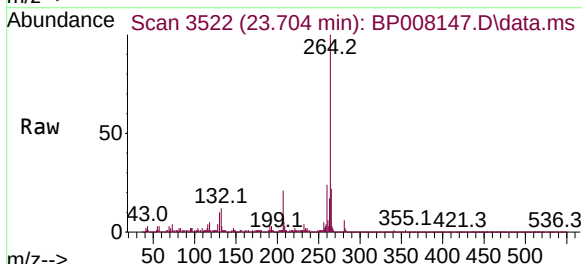
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-112321

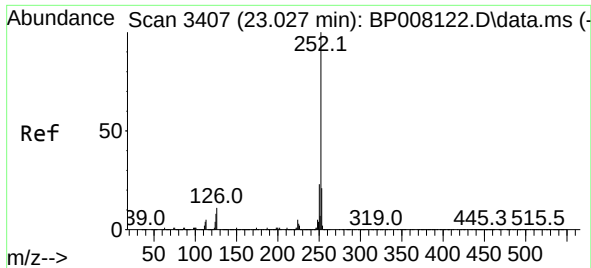
Tgt Ion:	244	Resp:	437824
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	8.4	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP008147.D
 Acq: 29 Nov 2021 18:13

Tgt Ion:	264	Resp:	622309
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.4	17.6	26.4





#89

Benzo(k)fluoranthene

Concen: 2.028 ng

RT: 22.974 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP008147.D

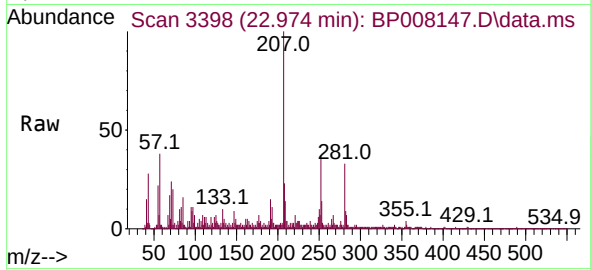
Acq: 29 Nov 2021 18:13

Instrument :

BNA_P

ClientSampleId :

OR-02-112321



Tgt Ion:252 Resp: 74483

Ion Ratio Lower Upper

252 100

253 38.2 17.3 25.9#

125 18.0 6.5 9.7#

