

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112221\
 Data File : BP008083.D
 Acq On : 22 Nov 2021 15:17
 Operator : CG/JU
 Sample : M4754-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4-COMP

Quant Time: Nov 23 01:22:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

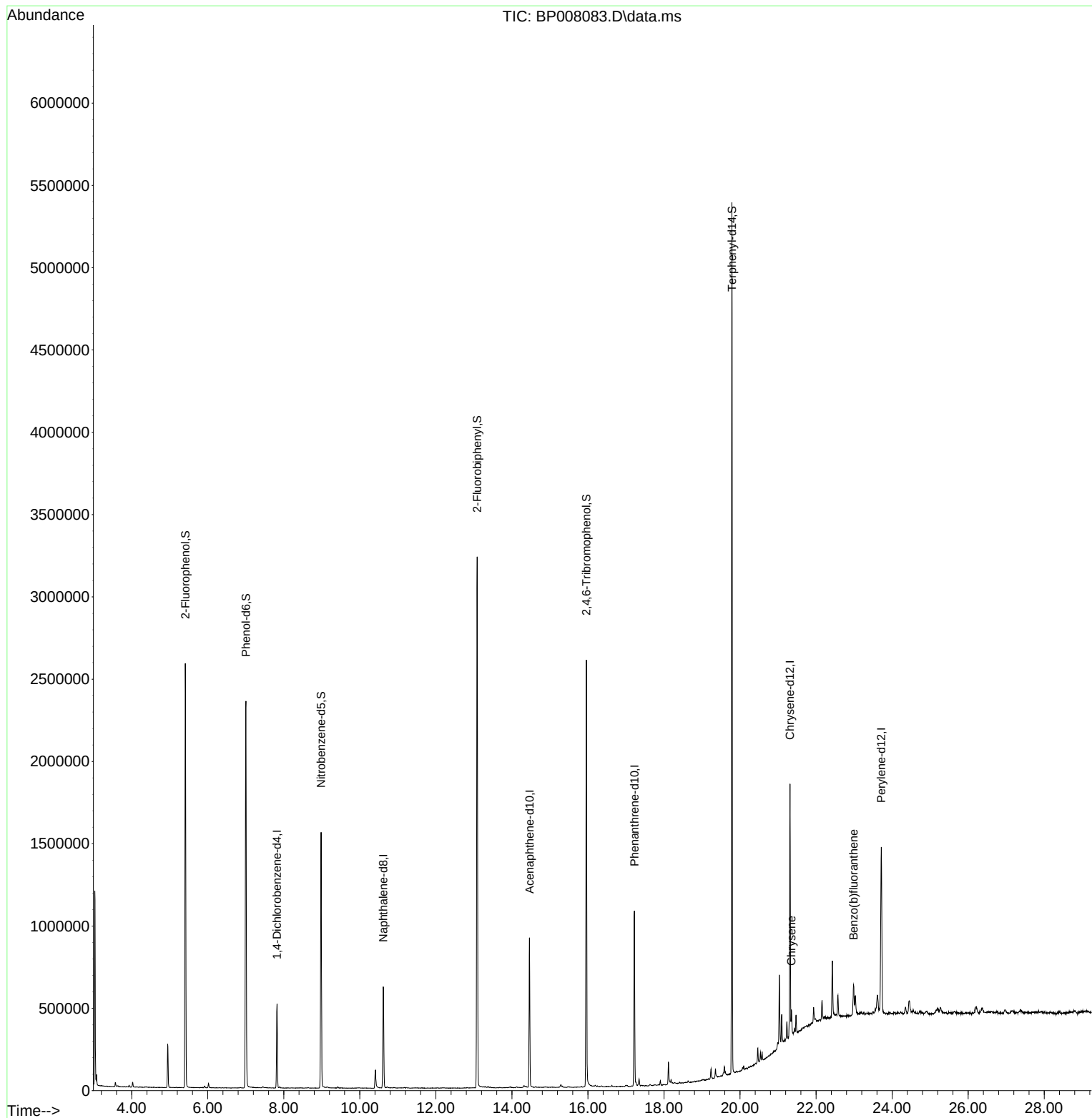
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	131577	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	489924	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	310321	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	649290	20.000	ng	0.00
76) Chrysene-d12	21.315	240	711580	20.000	ng	0.00
86) Perylene-d12	23.715	264	789656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1023519	132.960	ng	0.00
7) Phenol-d6	7.004	99	1313572	123.101	ng	0.00
23) Nitrobenzene-d5	8.981	82	890014	82.412	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	452617	115.252	ng	-0.01
45) 2-Fluorobiphenyl	13.086	172	1695529	85.554	ng	0.00
79) Terphenyl-d14	19.786	244	2458936	67.939	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.010	77	2596	Below Cal	#	8
58) Fluorene	15.516	166	1033	Below Cal	#	96
61) 4-Chlorophenyl-phenyle...	15.504	204	25	Below Cal	#	1
82) 3,3'-Dichlorobenzidine	21.251	252	809	Below Cal	#	60
83) Chrysene	21.351	228	97919	2.162	ng	99
88) Benzo(b)fluoranthene	22.986	252	106136	2.150	ng	90

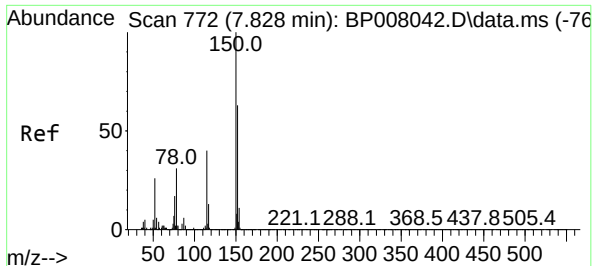
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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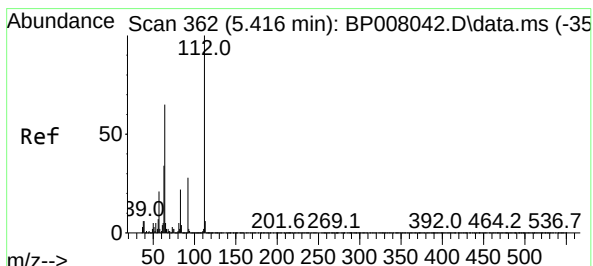
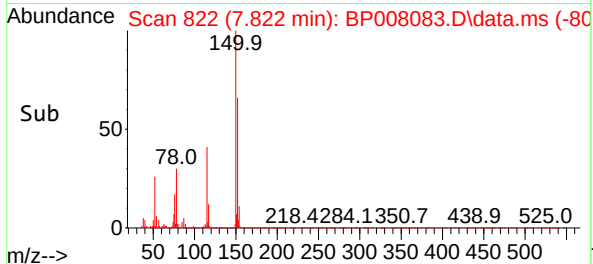
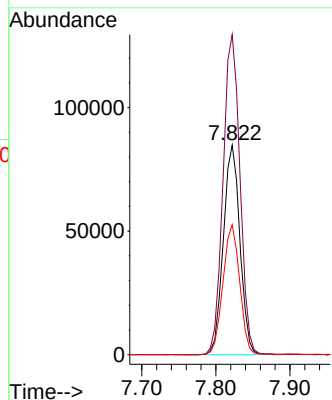
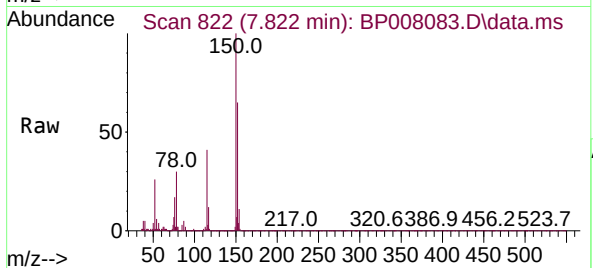




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

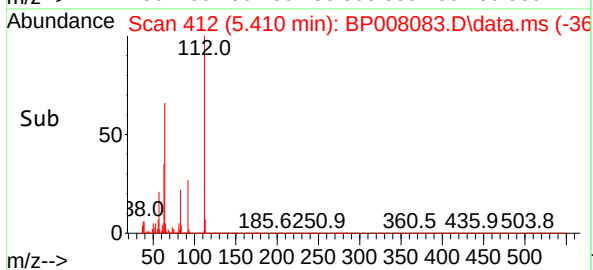
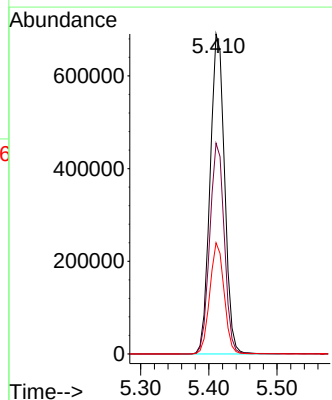
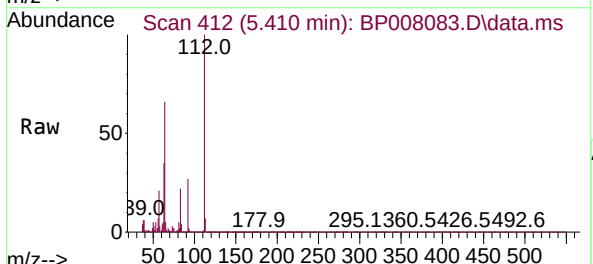
Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

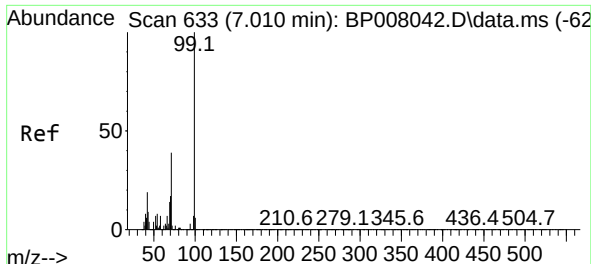
Tgt Ion:152 Resp: 131577
Ion Ratio Lower Upper
152 100
150 152.7 126.5 189.7
115 62.0 50.6 75.8



#5
2-Fluorophenol
Concen: 132.960 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:112 Resp: 1023519
Ion Ratio Lower Upper
112 100
64 65.8 51.7 77.5
63 34.7 27.4 41.0



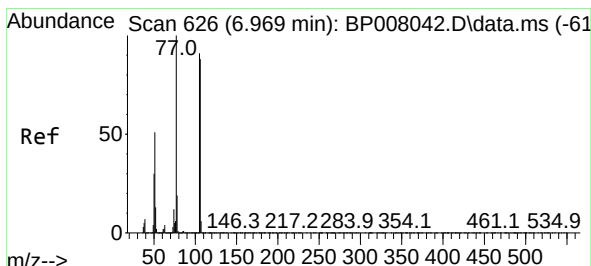
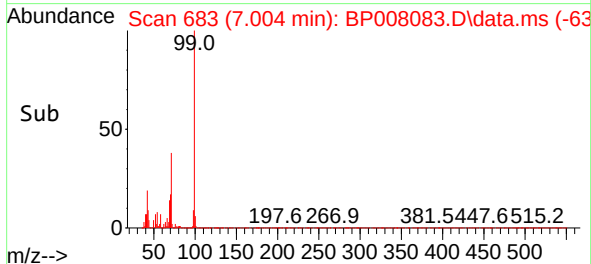
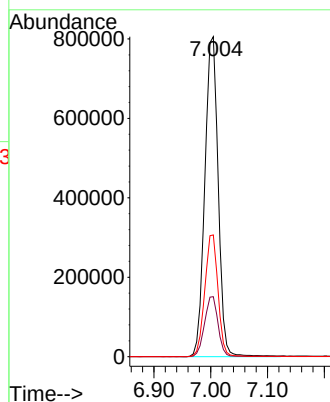
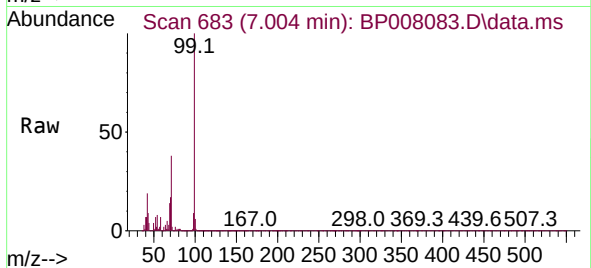


#7
Phenol-d6
Concen: 123.101 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

Tgt Ion: 99 Resp: 1313572

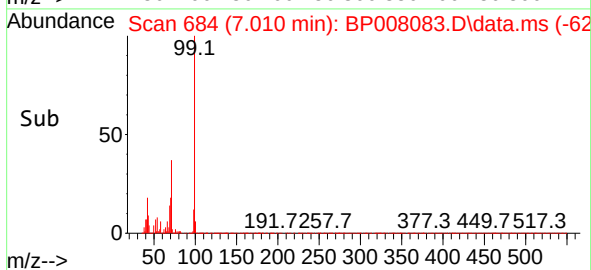
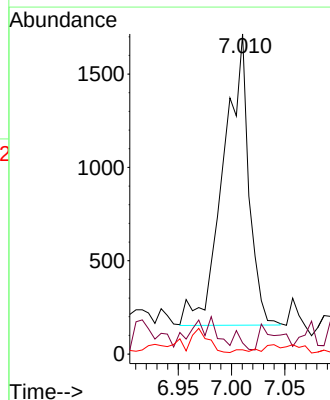
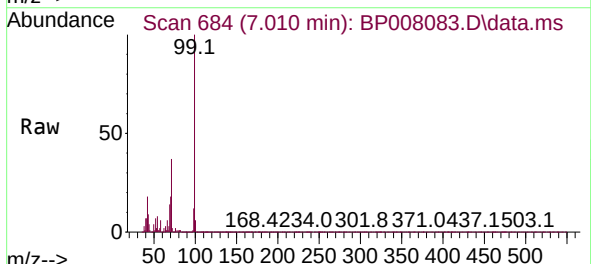
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.4	23.2
71	38.0	31.0	46.6

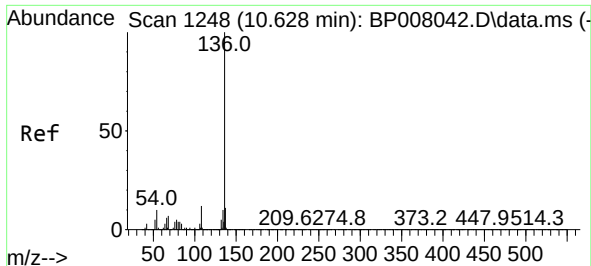


#9
Benzaldehyde
Concen: Below Cal
RT: 7.010 min Scan# 684
Delta R.T. 0.041 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion: 77 Resp: 2596

Ion	Ratio	Lower	Upper
77	100		
105	3.5	71.5	111.5#
106	2.7	67.9	107.9#



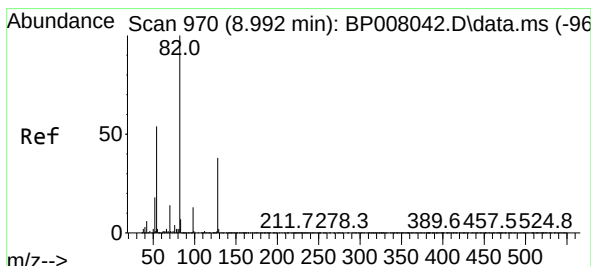
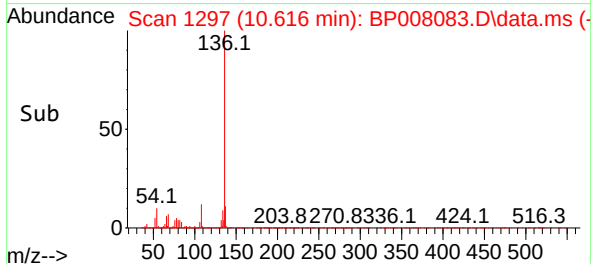
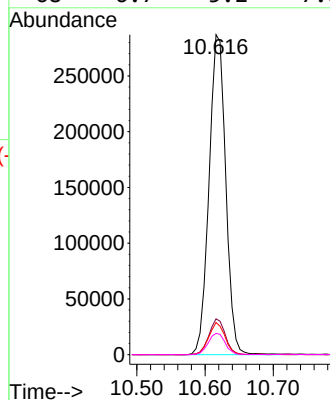
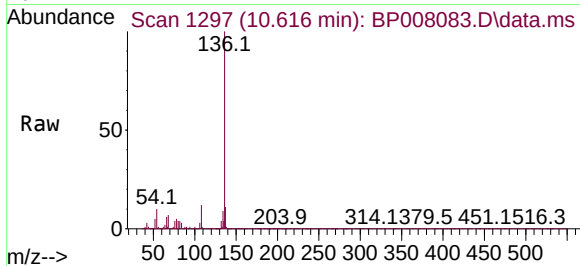


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

Tgt Ion: 136 Resp: 489924

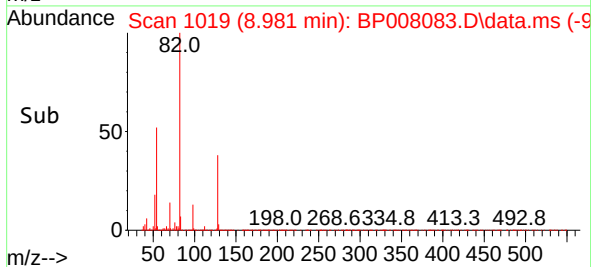
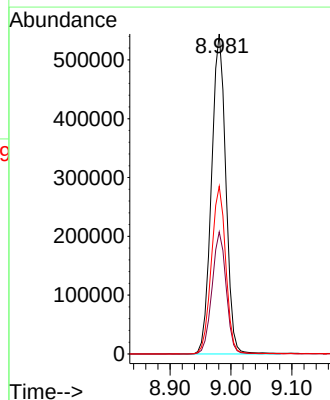
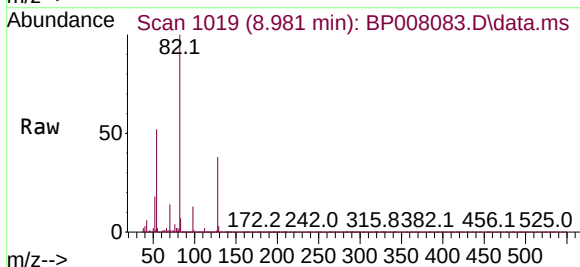
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.0	8.0	12.0
68	6.7	5.2	7.8

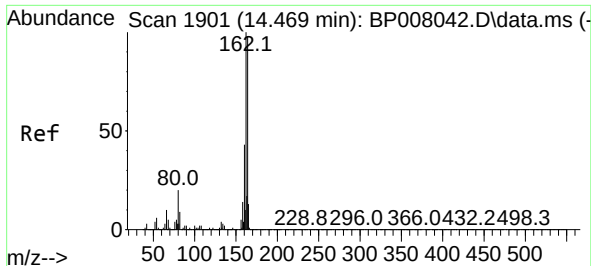


#23
Nitrobenzene-d5
Concen: 82.412 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion: 82 Resp: 890014

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.2	45.2
54	52.4	43.1	64.7

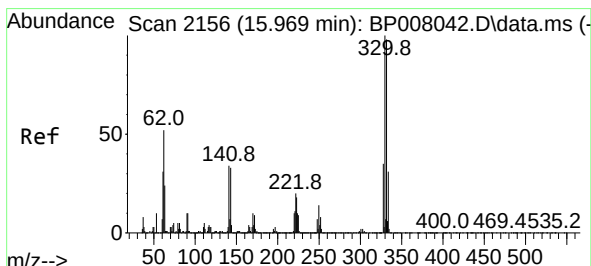
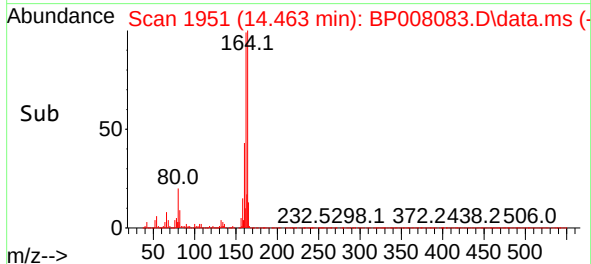
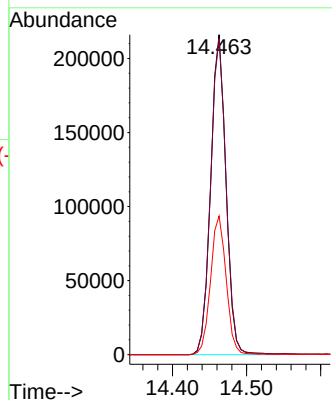
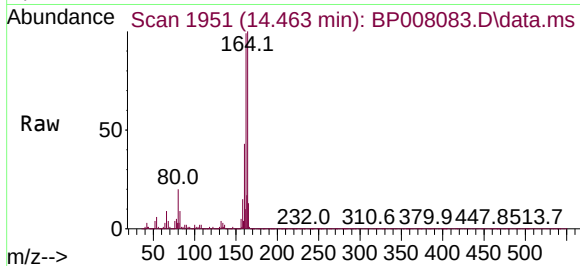




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

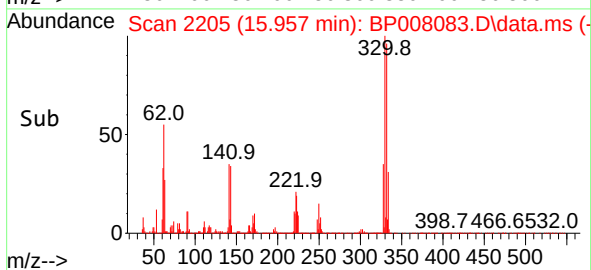
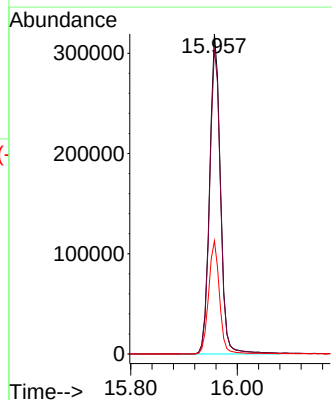
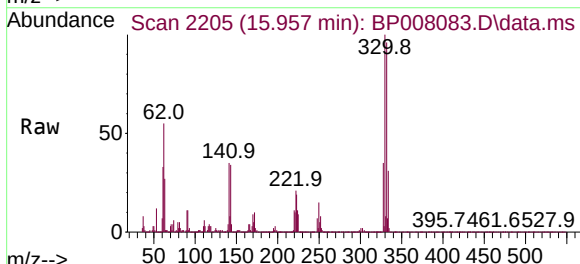
Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

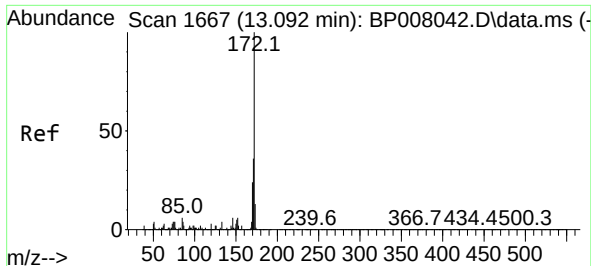
Tgt Ion:164 Resp: 310321
Ion Ratio Lower Upper
164 100
162 98.8 81.8 122.8
160 43.4 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 115.252 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:330 Resp: 452617
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 35.6 29.6 44.4

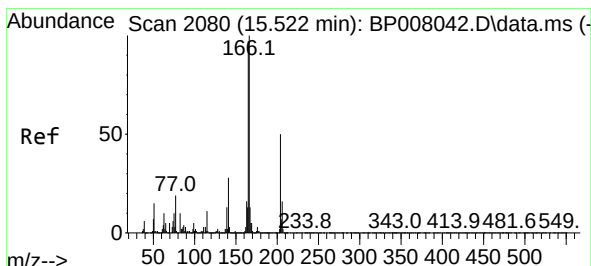
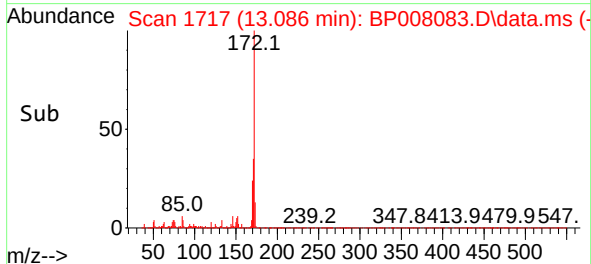
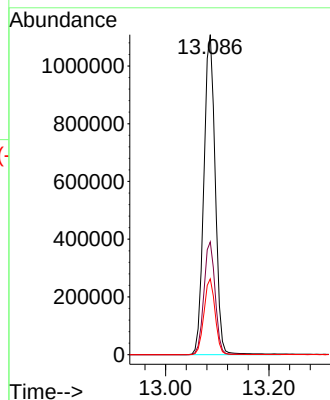
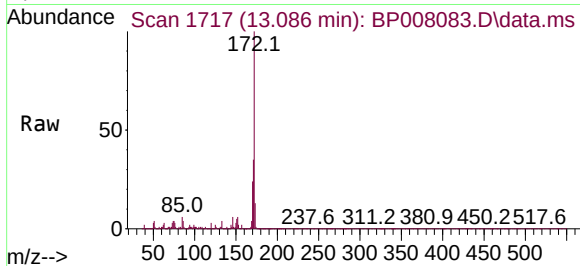




#45
2-Fluorobiphenyl
Concen: 85.554 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

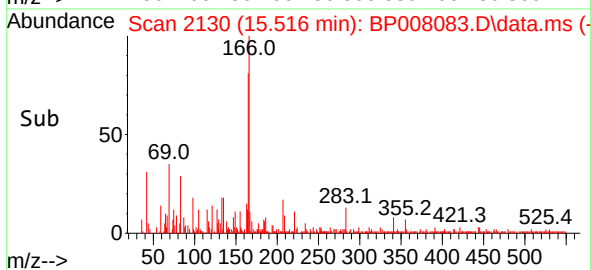
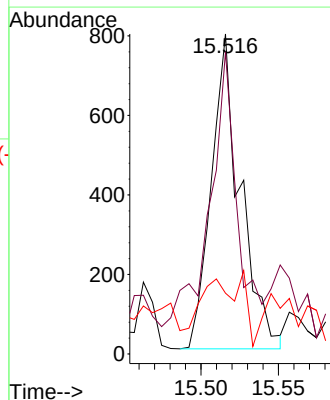
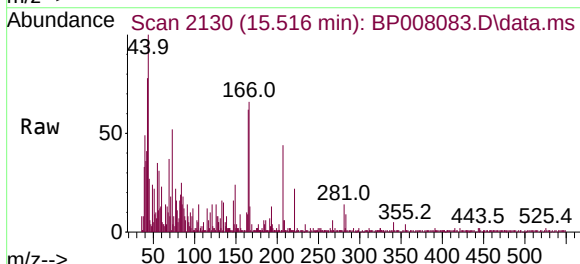
Instrument :
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ClientSampleId :
TP-4-COMP

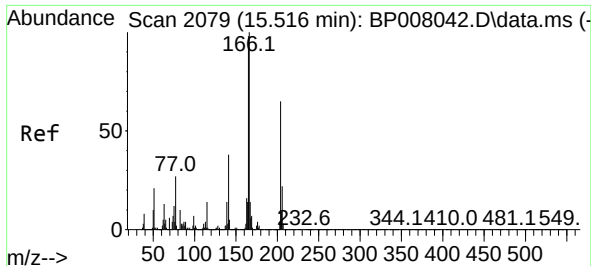
Tgt Ion:172 Resp: 1695529
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 19.0 28.4



#58
Fluorene
Concen: Below Cal
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:166 Resp: 1033
Ion Ratio Lower Upper
166 100
165 94.4 77.4 116.0
167 19.0 10.7 16.1#

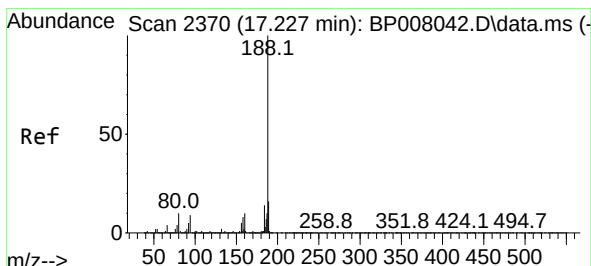
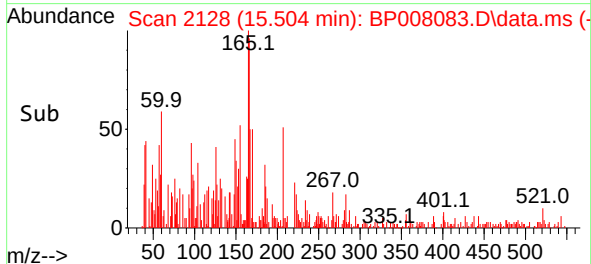
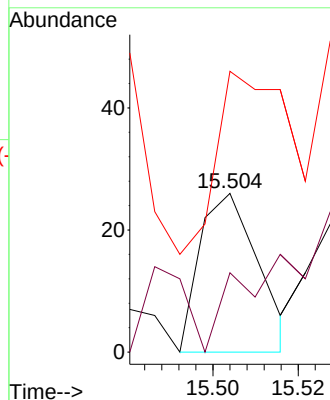
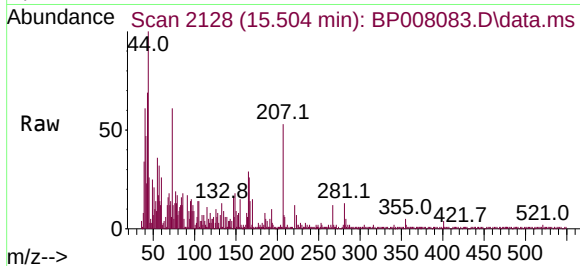




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.504 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

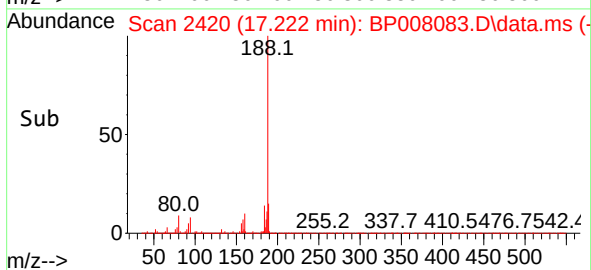
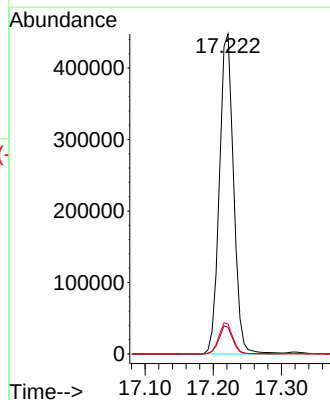
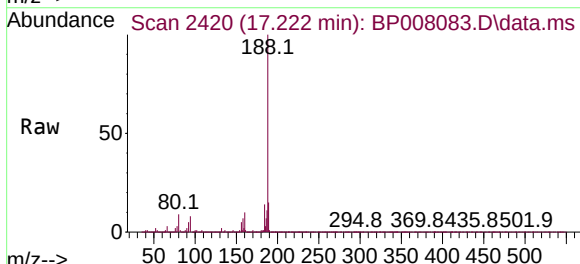
Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

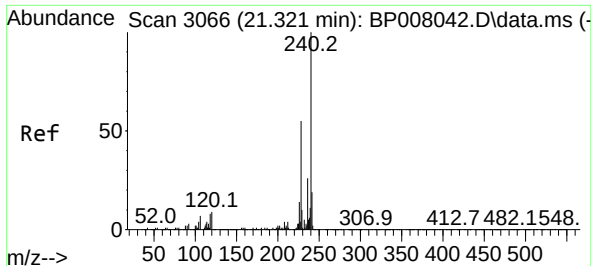
Tgt Ion:204 Resp: 25
Ion Ratio Lower Upper
204 100
206 50.0 27.3 40.9#
141 230.8 46.7 70.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:188 Resp: 649290
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.4 8.1 12.1

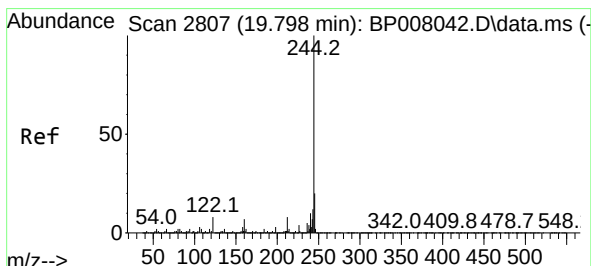
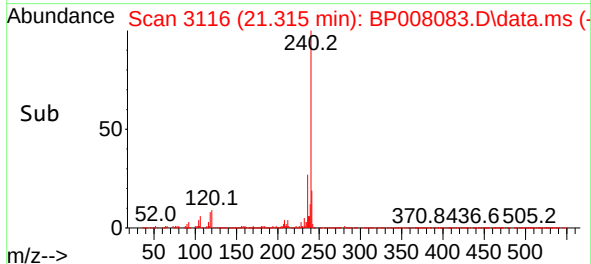
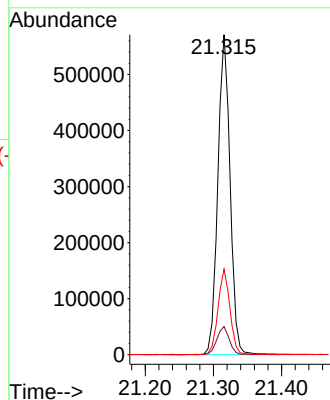
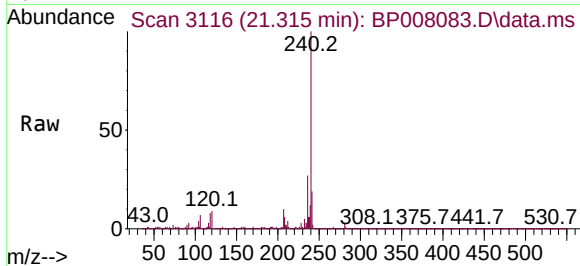




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

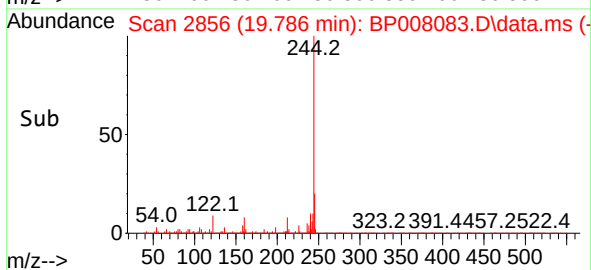
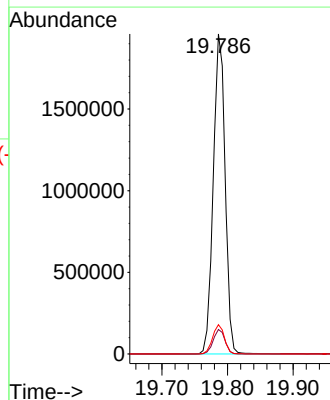
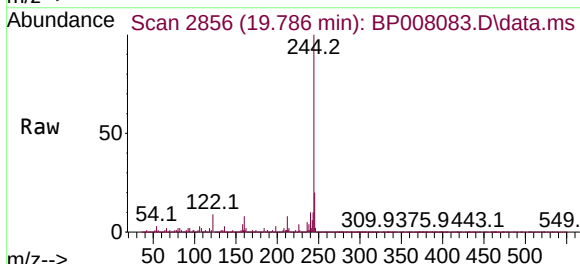
Instrument :
BNA_P
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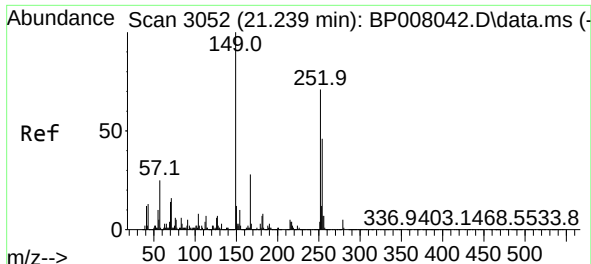
Tgt Ion:240 Resp: 711580
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.2
236 26.7 21.0 31.4



#79
Terphenyl-d14
Concen: 67.939 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:244 Resp: 2458936
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 9.1 6.1 9.1#

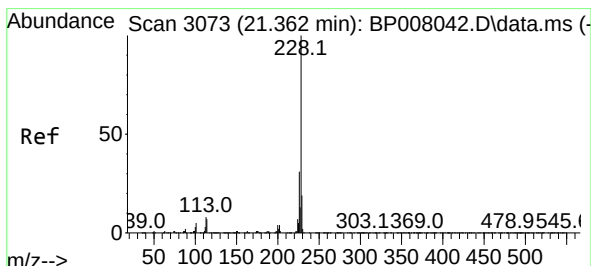
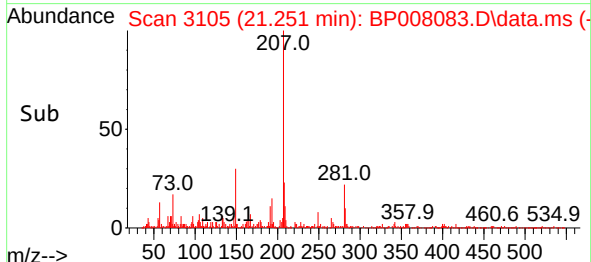
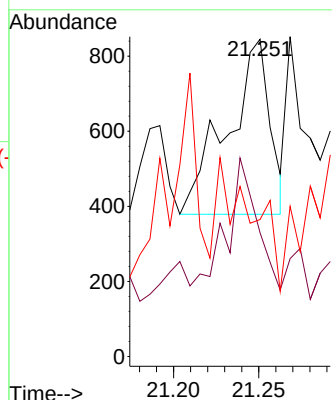
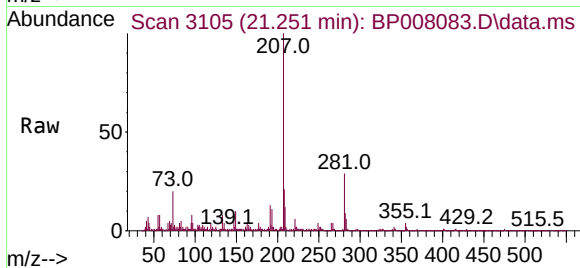




#82
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.251 min Scan# 3105
 Delta R.T. 0.012 min
 Lab File: BP008083.D
 Acq: 22 Nov 2021 15:17

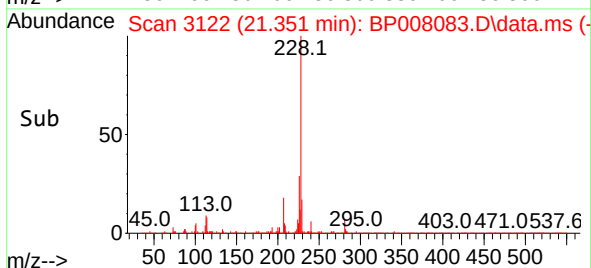
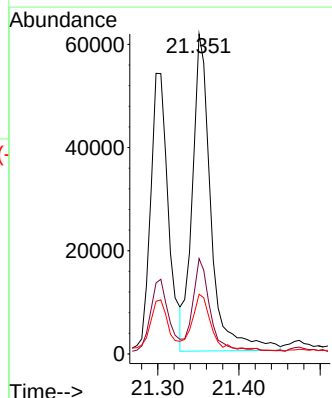
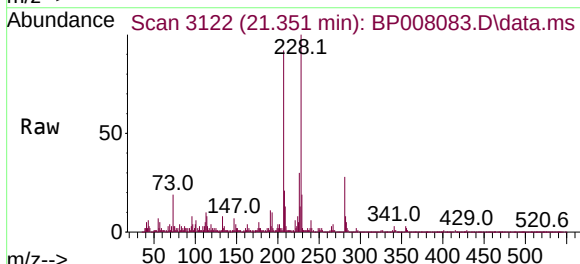
Instrument :
 BNA_P
 ClientSampleId :
 TP-4-COMP

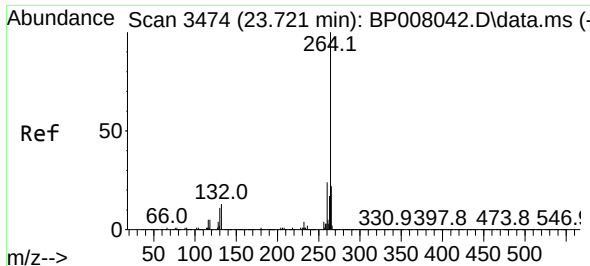
Tgt Ion:252 Resp: 809
 Ion Ratio Lower Upper
 252 100
 254 39.1 51.8 77.8#
 126 43.2 7.2 10.8#



#83
 Chrysene
 Concen: 2.162 ng
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.011 min
 Lab File: BP008083.D
 Acq: 22 Nov 2021 15:17

Tgt Ion:228 Resp: 97919
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.5 36.7
 229 18.7 15.5 23.3

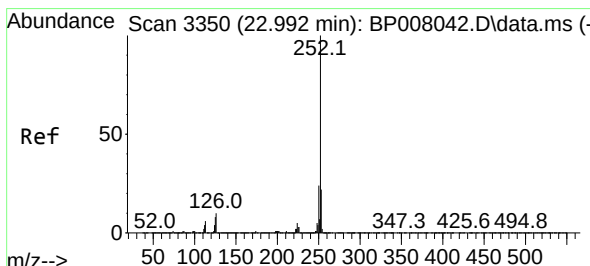
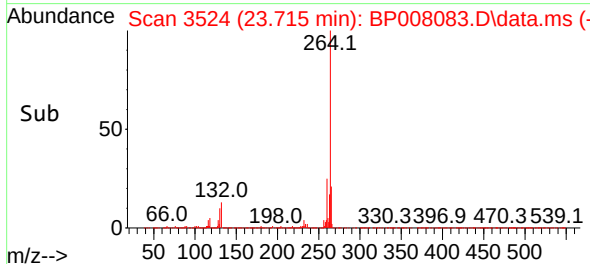
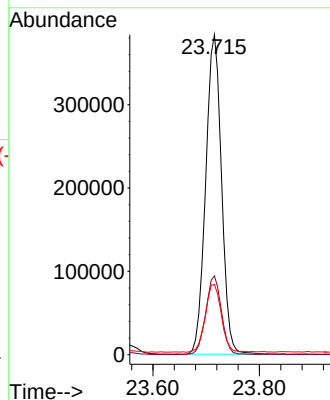
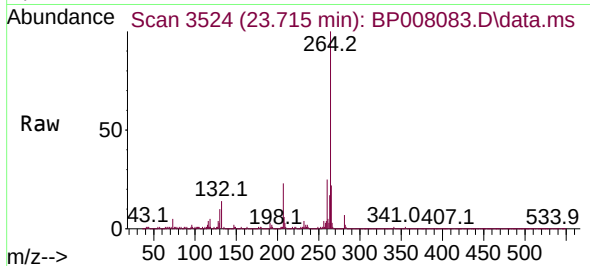




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Instrument :
BNA_P
ClientSampleId :
TP-4-COMP

Tgt Ion:264 Resp: 789656
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 21.9 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.150 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP008083.D
Acq: 22 Nov 2021 15:17

Tgt Ion:252 Resp: 106136
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2#
125 11.8 6.1 9.1#

