

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008238.D
 Acq On : 06 Dec 2021 20:26
 Operator : CG/JU
 Sample : M4917-09DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 07 05:12:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

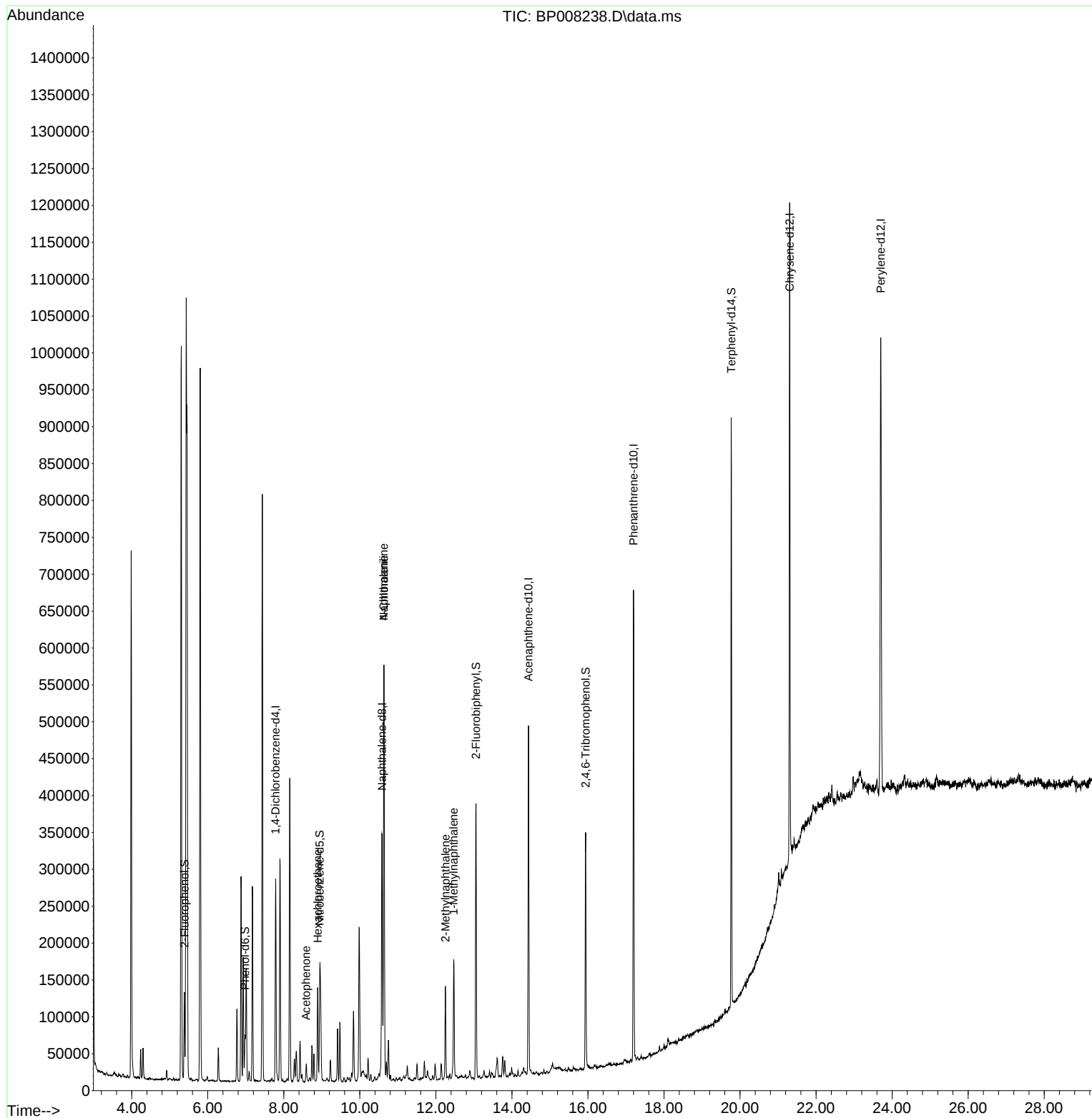
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	69258	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	258452	20.000	ng	#-0.01
39) Acenaphthene-d10	14.434	164	165730	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	368859	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	443403	20.000	ng	-0.01
86) Perylene-d12	23.704	264	485556	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	49915	11.604	ng	0.00
7) Phenol-d6	6.981	99	37265	6.418	ng	0.00
23) Nitrobenzene-d5	8.946	82	85538	15.050	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	61071	28.830	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	193429	16.953	ng	-0.01
79) Terphenyl-d14	19.769	244	377425	17.789	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.934	77	12810	Below Cal	#	1
18) Hexachloroethane	8.893	117	17002	8.873	ng	# 1
22) Acetophenone	8.587	105	16530	2.338	ng	# 61
31) Naphthalene	10.634	128	406017	30.667	ng	99
33) 4-Chloroaniline	10.634	127	54991	10.012	ng	# 33
37) 2-Methylnaphthalene	12.251	142	53228	5.684	ng	97
38) 1-Methylnaphthalene	12.469	142	70138	7.695	ng	96
78) Pyrene	19.580	202	626	Below Cal	#	70

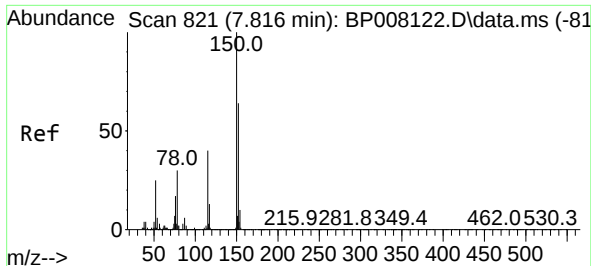
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Time: Dec 07 05:12:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

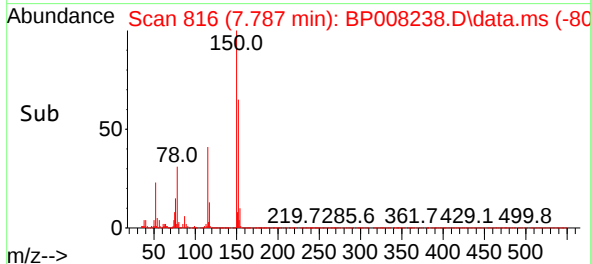
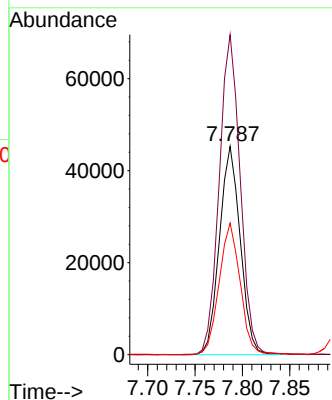
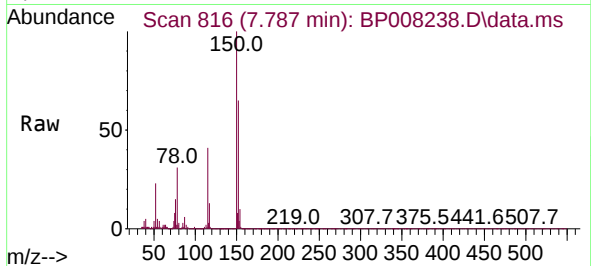




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

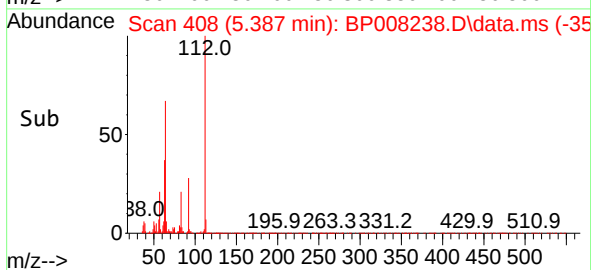
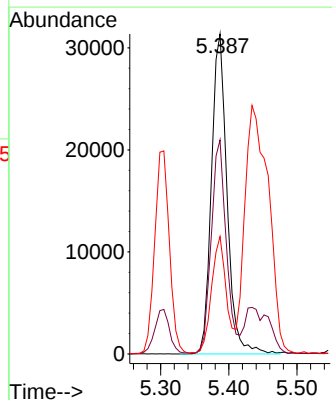
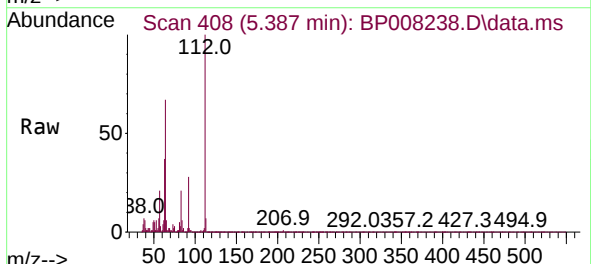
Instrument :
BNA_P
ClientSampleId :

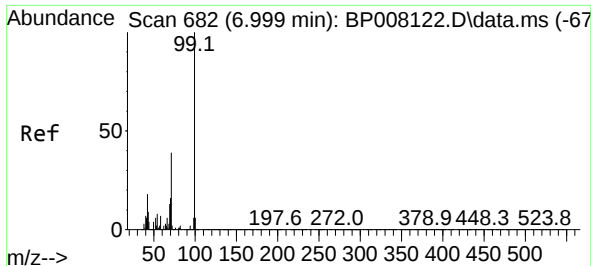
Tgt Ion:152 Resp: 69258
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 63.2 50.7 76.1



#5
2-Fluorophenol
Concen: 11.604 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:112 Resp: 49915
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 36.7 27.8 41.8





#7

Phenol-d6

Concen: 6.418 ng

RT: 6.981 min Scan# 61

Delta R.T. -0.006 min

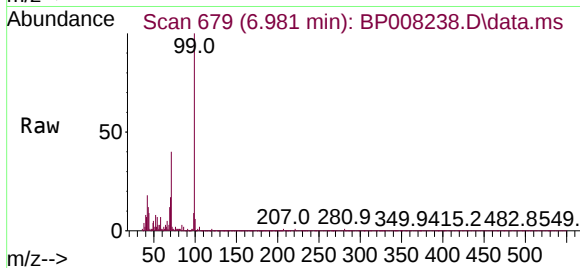
Lab File: BP008238.D

Acq: 06 Dec 2021 20:26

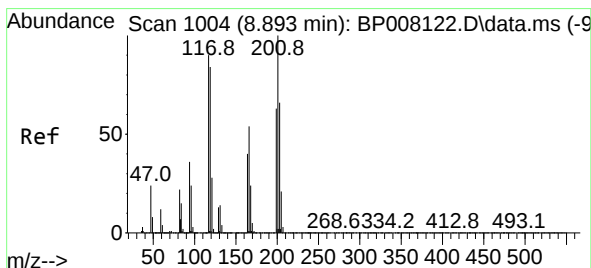
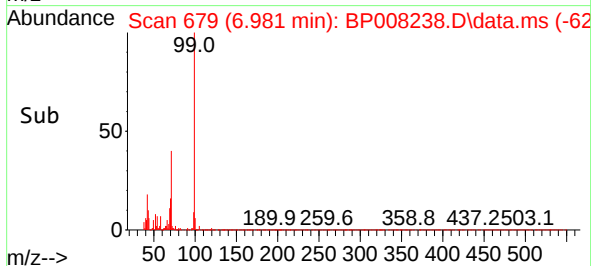
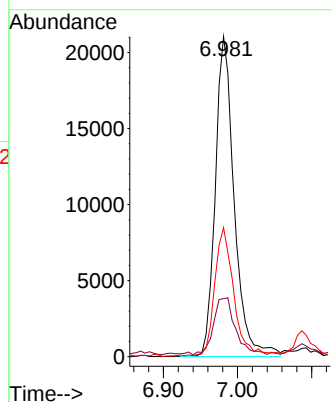
Instrument :

BNA_P

ClientSampleId :



Tgt Ion:	99	Resp:	37265
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	40.3	31.1	46.7



#18

Hexachloroethane

Concen: 8.873 ng

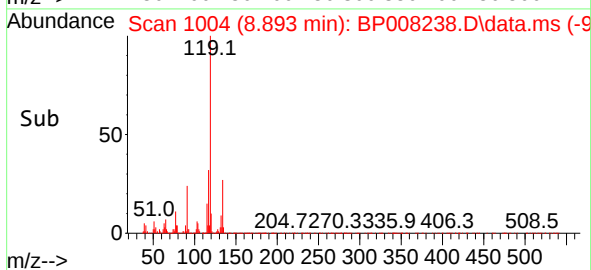
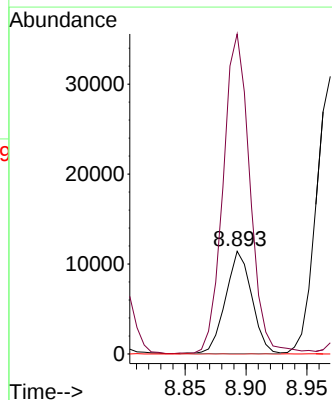
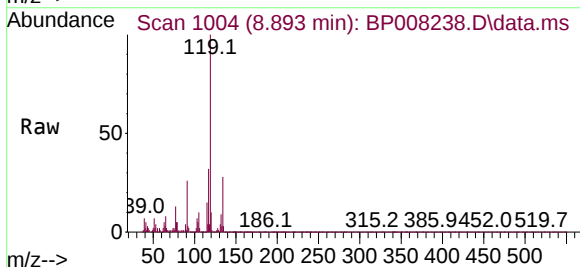
RT: 8.893 min Scan# 1004

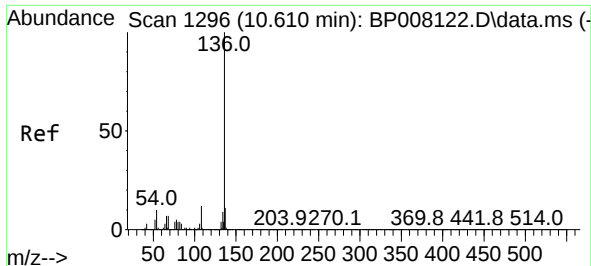
Delta R.T. 0.018 min

Lab File: BP008238.D

Acq: 06 Dec 2021 20:26

Tgt Ion:	117	Resp:	17002
Ion	Ratio	Lower	Upper
117	100		
119	311.3	74.7	112.1#
201	0.1	88.6	132.8#

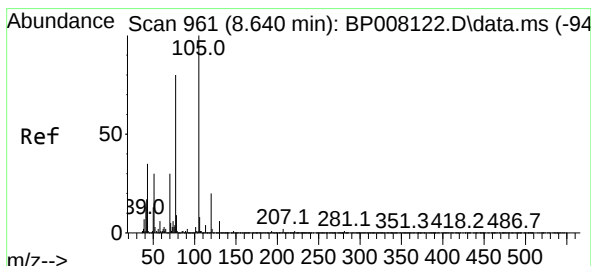
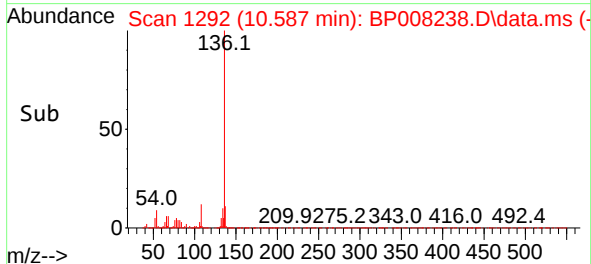
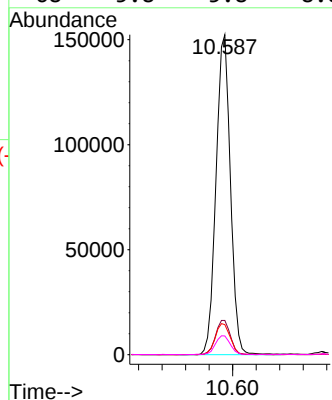
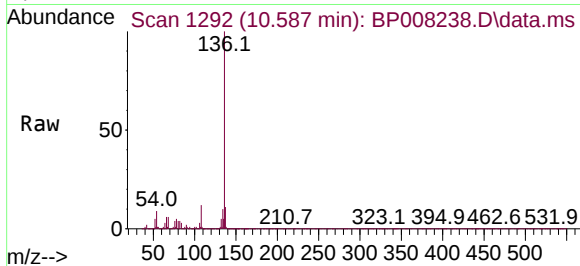




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

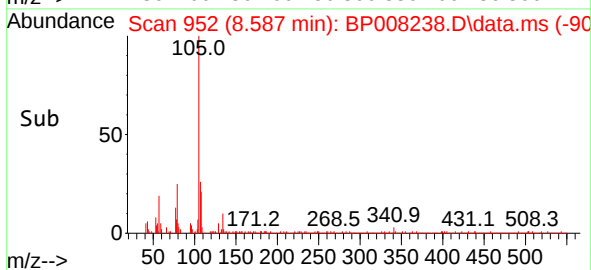
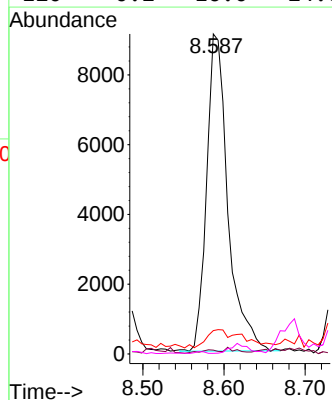
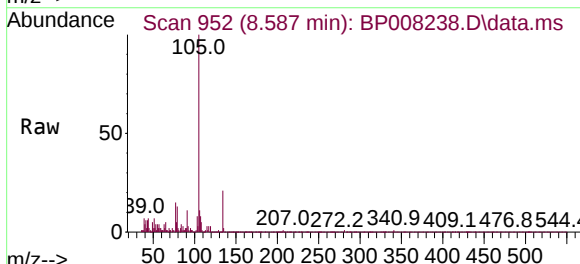
Instrument :
BNA_P
ClientSampleId :

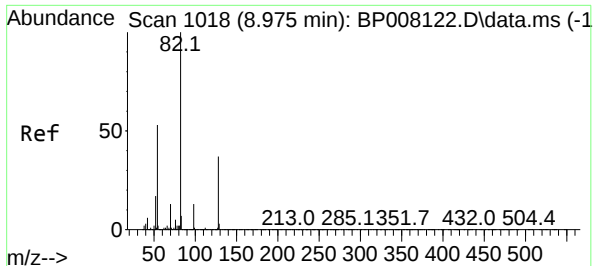
Tgt Ion:	136	Resp:	258452
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.4	8.2	12.4
68	5.8	5.8	8.8#



#22
Acetophenone
Concen: 2.338 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.041 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:	105	Resp:	16530
Ion	Ratio	Lower	Upper
105	100		
71	1.2	4.0	6.0#
51	7.3	23.8	35.6#
120	0.2	16.0	24.0#

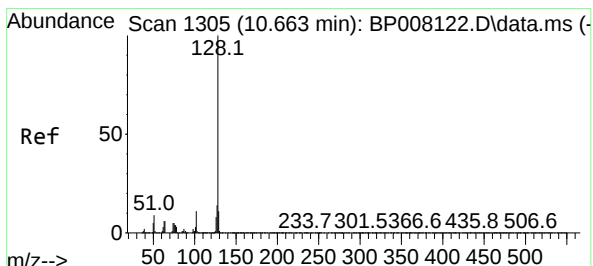
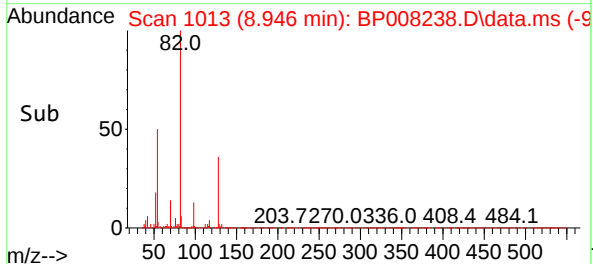
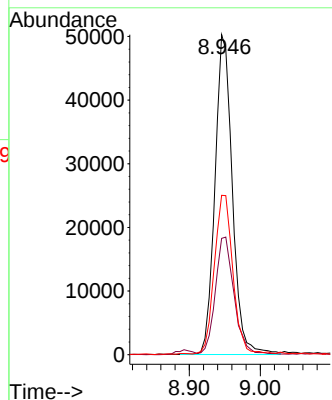
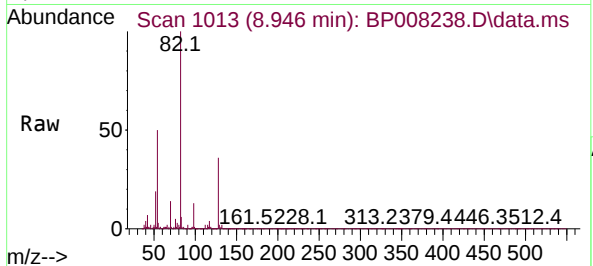




#23
Nitrobenzene-d5
Concen: 15.050 ng
RT: 8.946 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

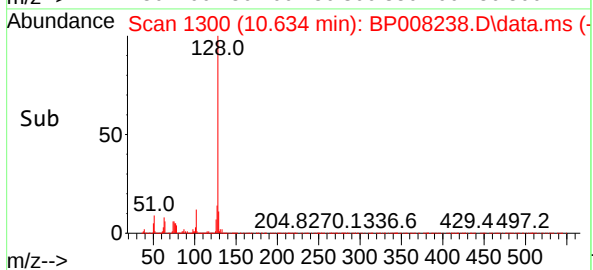
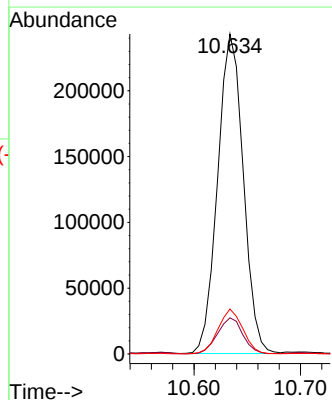
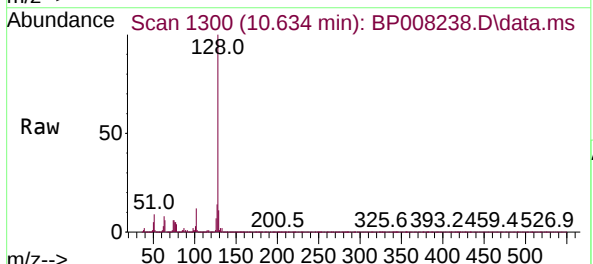
Instrument :
BNA_P
ClientSampleId :

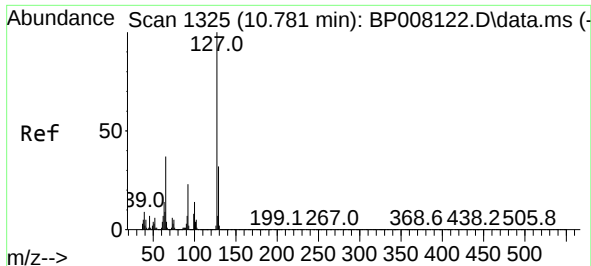
Tgt Ion: 82 Resp: 85538
Ion Ratio Lower Upper
82 100
128 36.3 29.6 44.4
54 49.8 42.7 64.1



#31
Naphthalene
Concen: 30.667 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion: 128 Resp: 406017
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 14.0 10.9 16.3

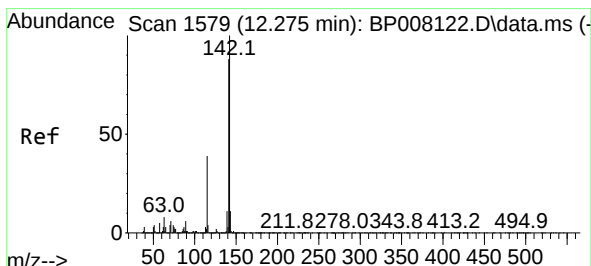
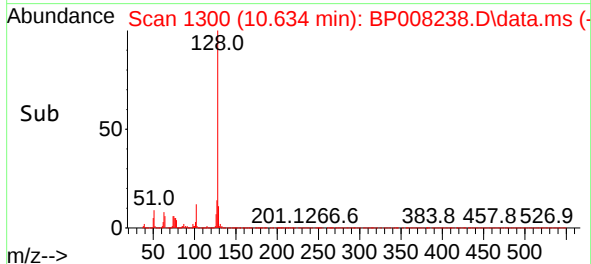
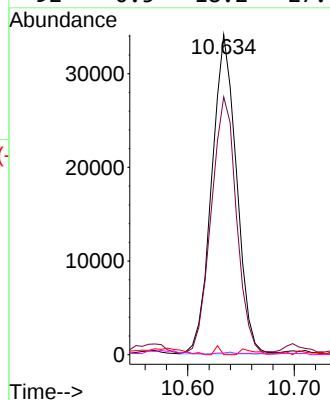
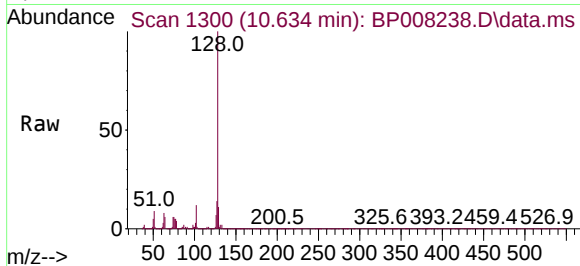




#33
4-Chloroaniline
Concen: 10.012 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.130 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

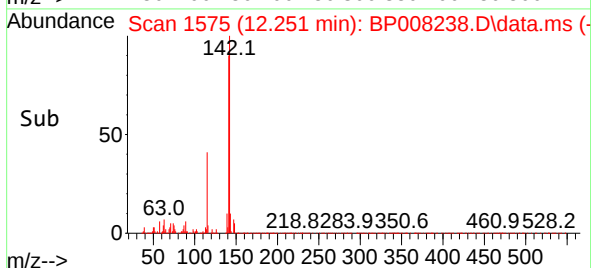
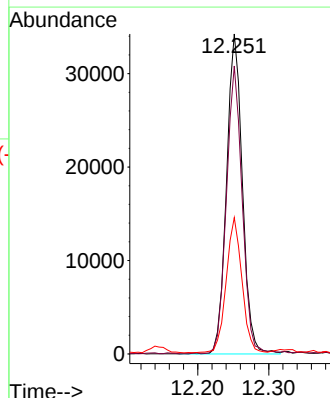
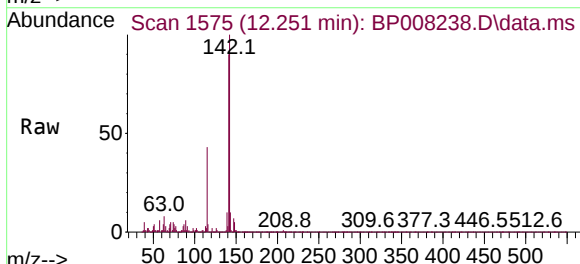
Instrument :
BNA_P
ClientSampleId :

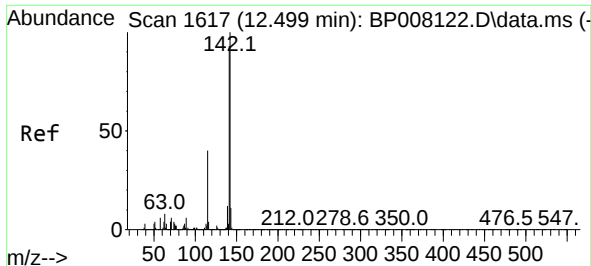
Tgt Ion:127	Resp:	54991
Ion Ratio	Lower	Upper
127	100	
129	80.6	25.4 38.2#
65	0.0	29.5 44.3#
92	0.5	18.2 27.4#



#37
2-Methylnaphthalene
Concen: 5.684 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:142	Resp:	53228
Ion Ratio	Lower	Upper
142	100	
141	90.0	70.7 106.1
115	42.6	30.9 46.3

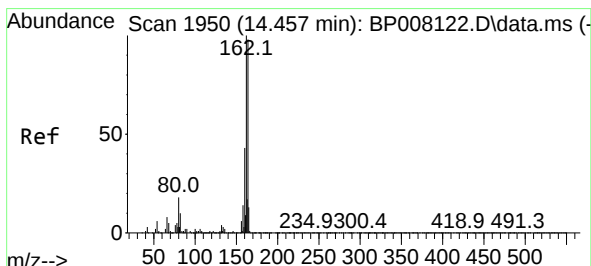
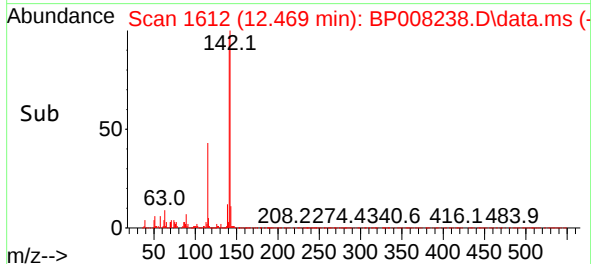
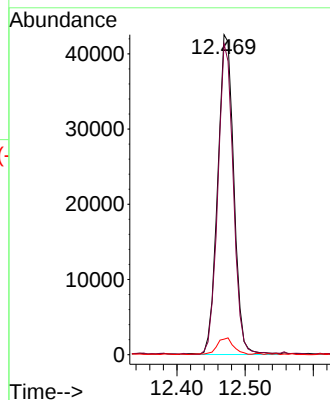
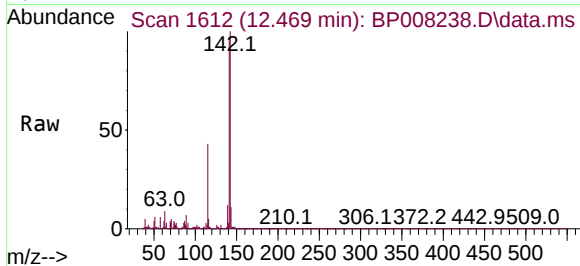




#38
1-Methylnaphthalene
Concen: 7.695 ng
RT: 12.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

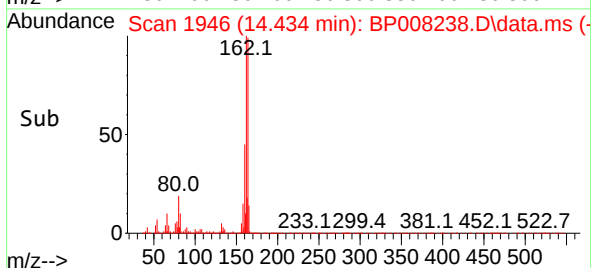
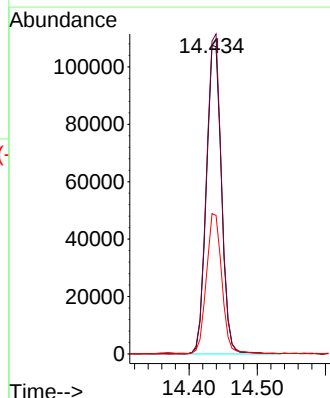
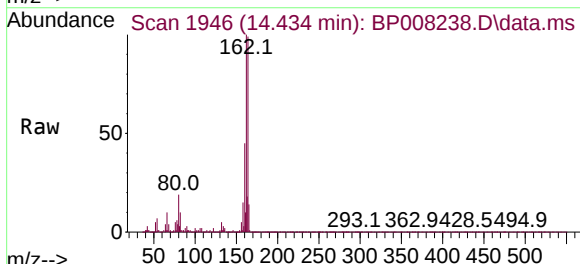
Instrument :
BNA_P
ClientSampleId :

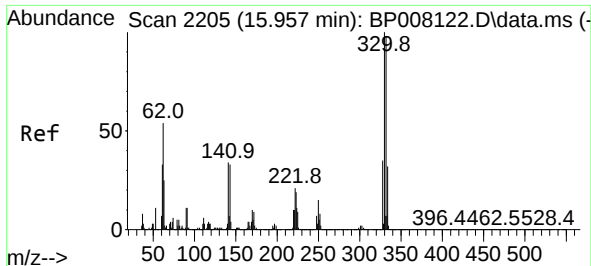
Tgt Ion:142 Resp: 70138
Ion Ratio Lower Upper
142 100
141 97.2 74.2 111.4
116 4.8 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

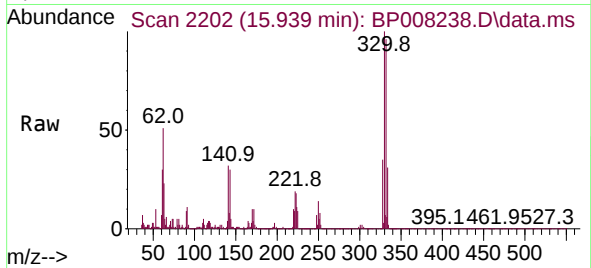
Tgt Ion:164 Resp: 165730
Ion Ratio Lower Upper
164 100
162 101.4 81.9 122.9
160 45.5 35.4 53.0



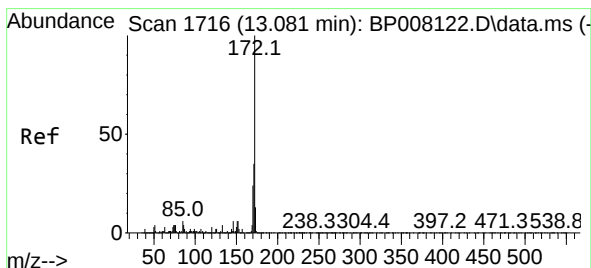
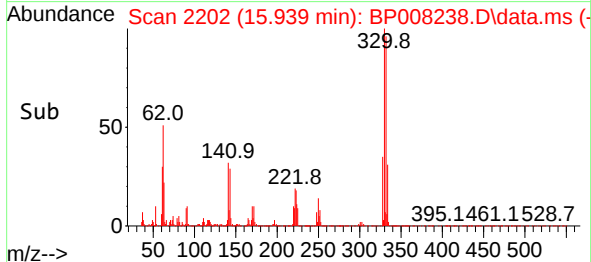
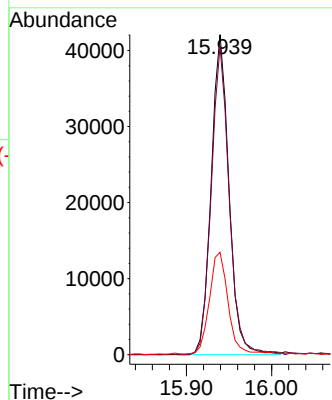


#42
2,4,6-Tribromophenol
Concen: 28.830 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Instrument :
BNA_P
ClientSampleId :

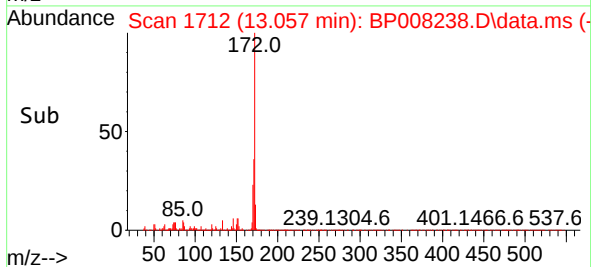
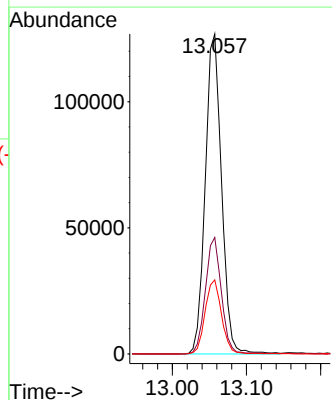
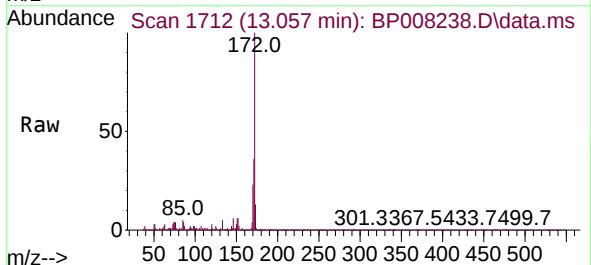


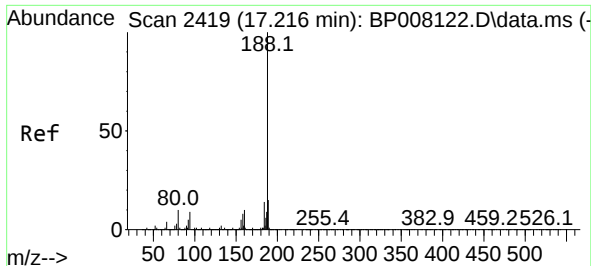
Tgt Ion: 330 Resp: 61071
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 16.953 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion: 172 Resp: 193429
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.1 18.9 28.3

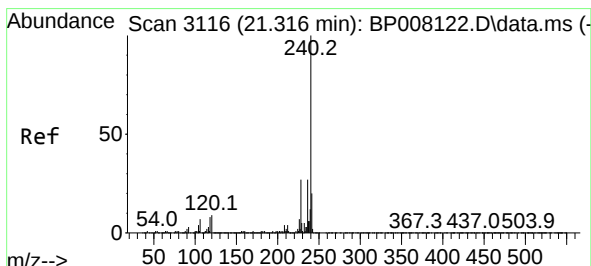
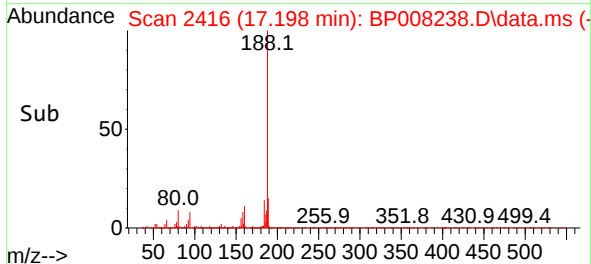
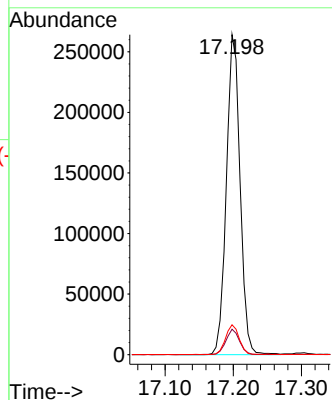
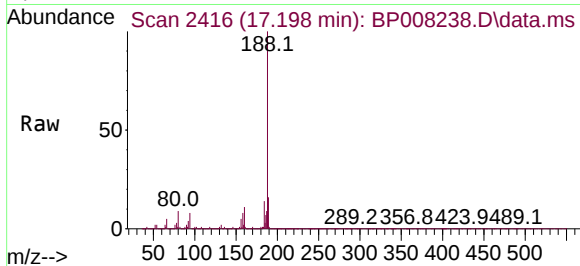




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

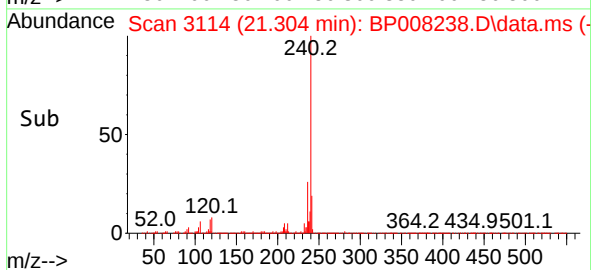
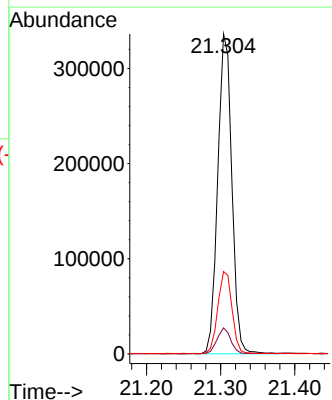
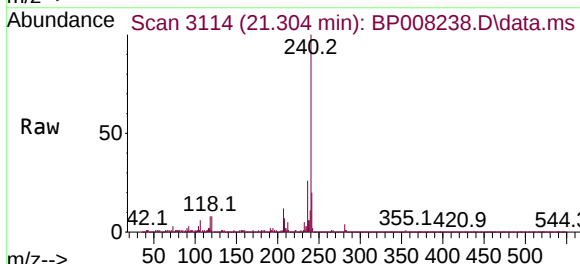
Instrument :
BNA_P
ClientSampleId :

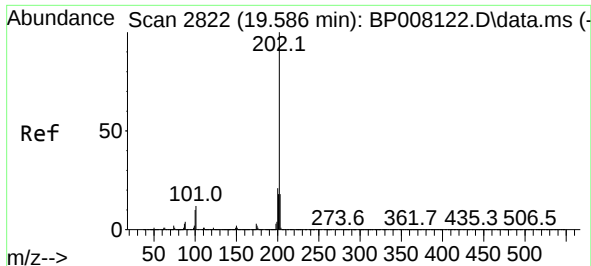
Tgt Ion:188 Resp: 368859
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008238.D
Acq: 06 Dec 2021 20:26

Tgt Ion:240 Resp: 443403
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 25.7 21.4 32.2

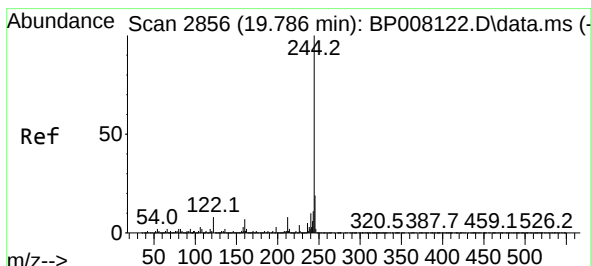
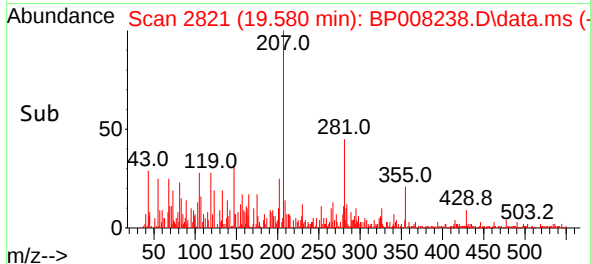
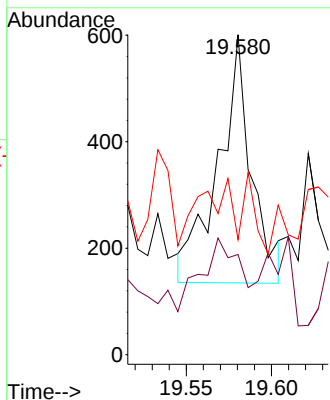
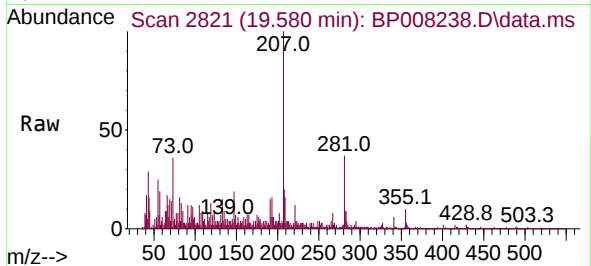




#78
 Pyrene
 Concen: Below Cal
 RT: 19.580 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008238.D
 Acq: 06 Dec 2021 20:26

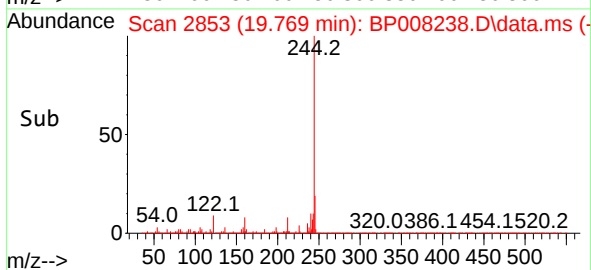
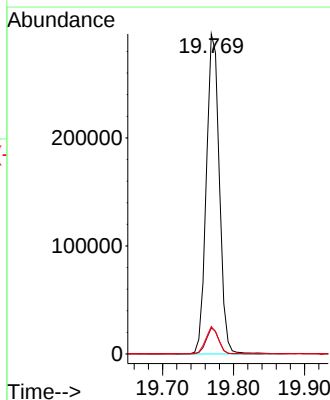
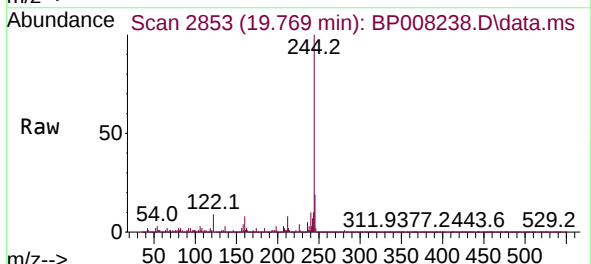
Instrument :
 BNA_P
 ClientSampleId :

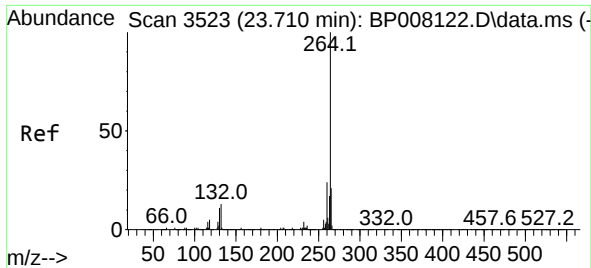
Tgt Ion:202 Resp: 626
 Ion Ratio Lower Upper
 202 100
 200 31.3 17.1 25.7#
 203 35.9 14.2 21.2#



#79
 Terphenyl-d14
 Concen: 17.789 ng
 RT: 19.769 min Scan# 2853
 Delta R.T. -0.012 min
 Lab File: BP008238.D
 Acq: 06 Dec 2021 20:26

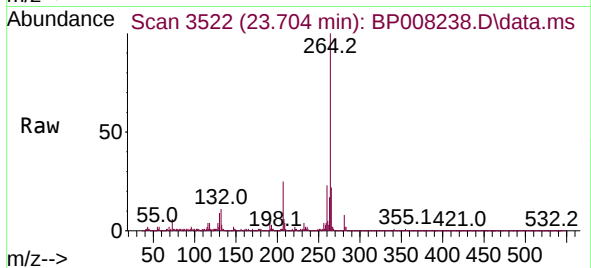
Tgt Ion:244 Resp: 377425
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 8.6 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008238.D
 Acq: 06 Dec 2021 20:26

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 485556
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.8 17.6 26.4

