

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005558.D
 Acq On : 14 May 2021 20:23
 Operator : CG/JU
 Sample : M2389-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BURNETT-AVE-1-3

Quant Time: May 14 22:56:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

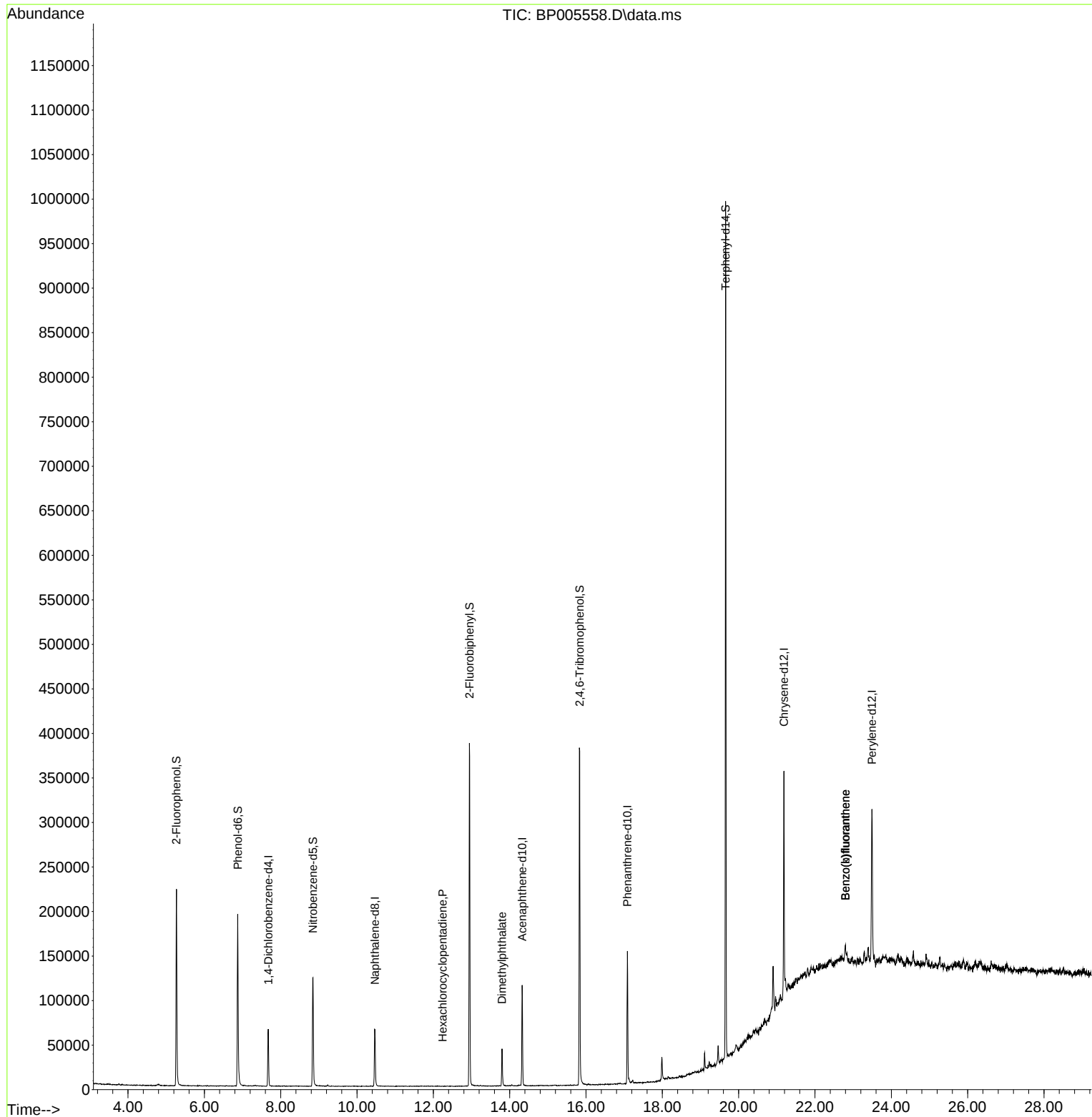
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	13944	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	45618	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	34609	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	83725	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	111648	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	132854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	70068	96.44	ng	0.00
7) Phenol-d6	6.875	99	81380	89.82	ng	0.00
23) Nitrobenzene-d5	8.846	82	67070	57.87	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	79876	81.33	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	168132	54.80	ng	0.00
79) Terphenyl-d14	19.657	244	378146	57.52	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	68	Below Cal	#	1
9) Benzaldehyde	6.952	77	22	Below Cal		97
41) Hexachlorocyclopentadiene	12.245	237	12	7.89	ng	85
50) Dimethylphthalate	13.798	163	24667	8.26	ng	97
88) Benzo(b)fluoranthene	22.798	252	18643	2.11	ng	# 86
89) Benzo(k)fluoranthene	22.798	252	18643	2.15	ng	# 85

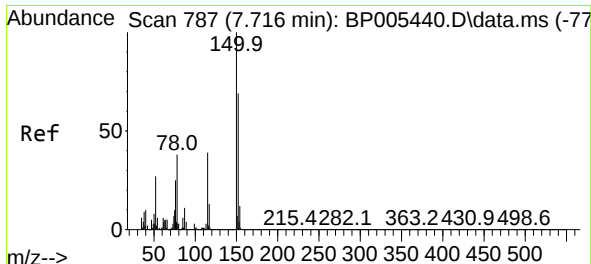
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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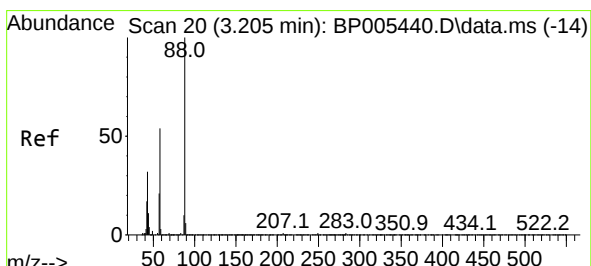
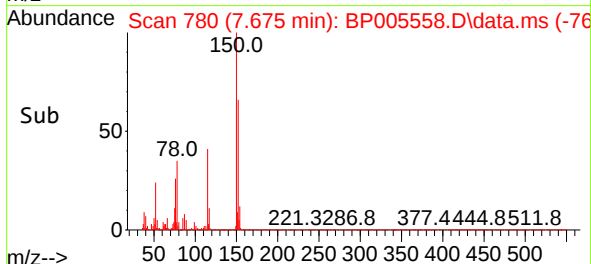
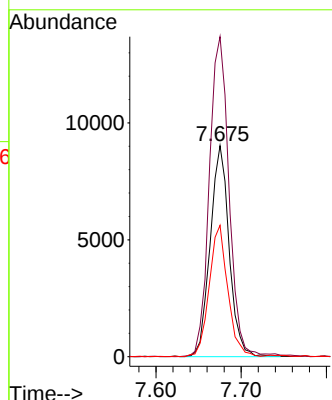
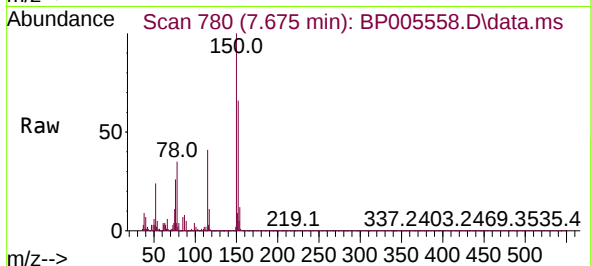




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

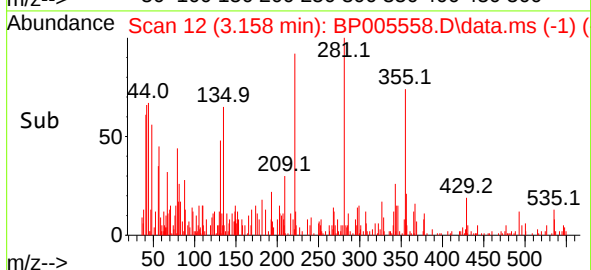
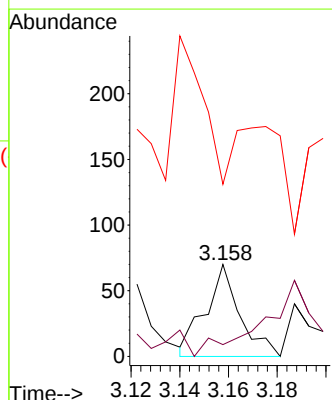
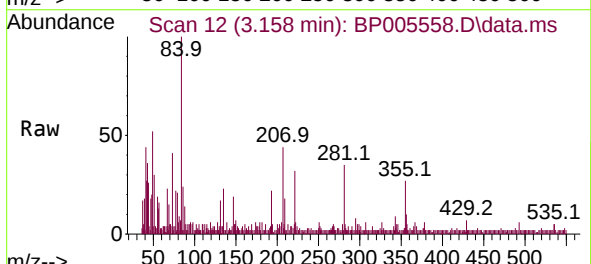
Instrument :
BNA_P
ClientSampleId :
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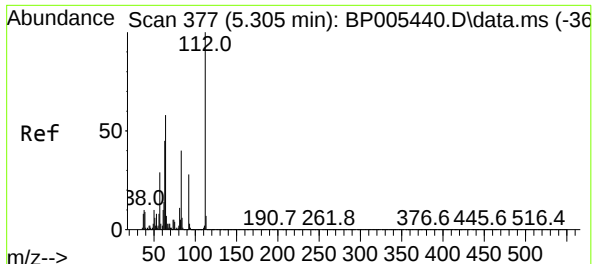
Tgt Ion:152 Resp: 13944
Ion Ratio Lower Upper
152 100
150 151.7 119.8 179.8
115 62.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. -0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 130.9 19.8 29.8#

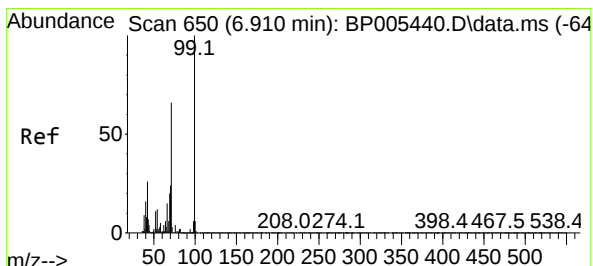
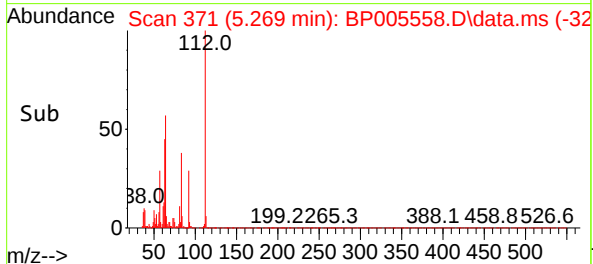
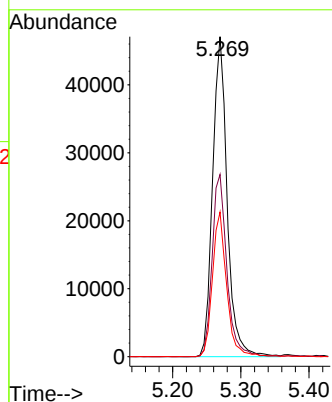
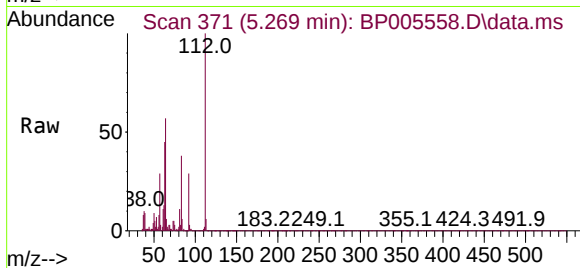




#5
2-Fluorophenol
Concen: 96.44 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

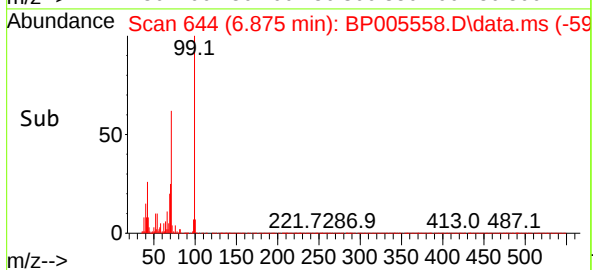
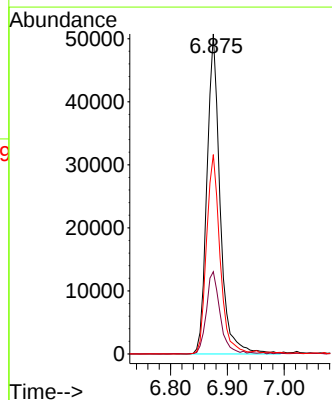
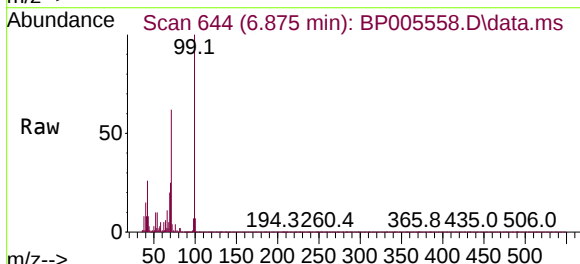
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-1-3

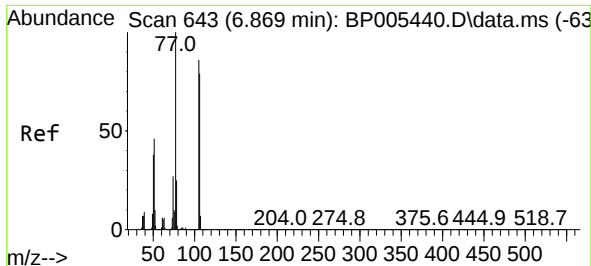
Tgt Ion:112 Resp: 70068
Ion Ratio Lower Upper
112 100
64 57.0 33.6 50.4#
63 45.2 18.6 27.8#



#7
Phenol-d6
Concen: 89.82 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion: 99 Resp: 81380
Ion Ratio Lower Upper
99 100
42 25.7 12.9 19.3#
71 62.3 26.7 40.1#

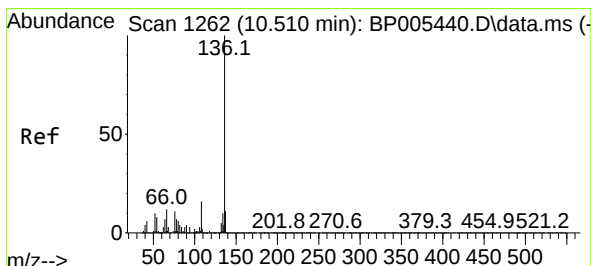
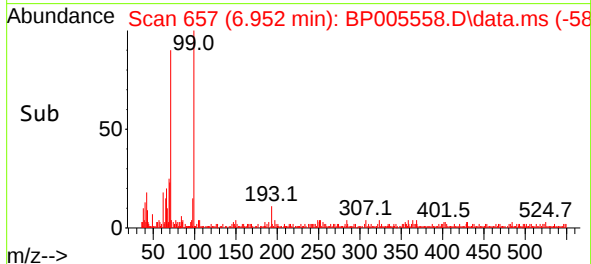
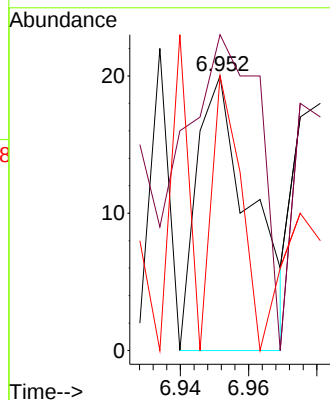
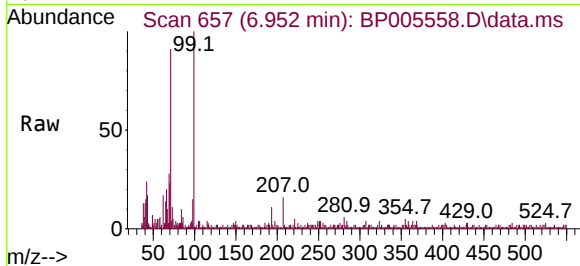




#9
Benzaldehyde
Concen: Below Cal
RT: 6.952 min Scan# 657
Delta R.T. 0.123 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

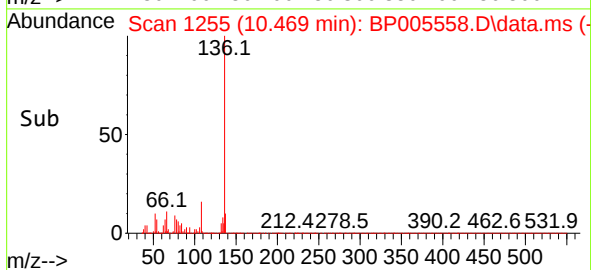
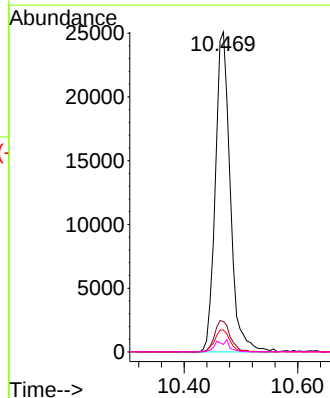
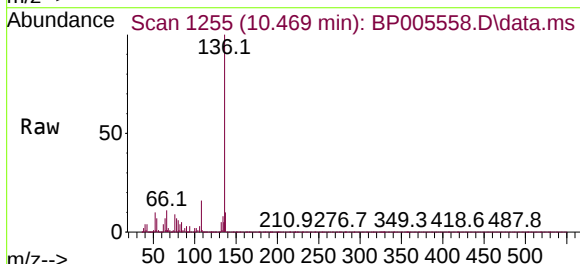
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-1-3

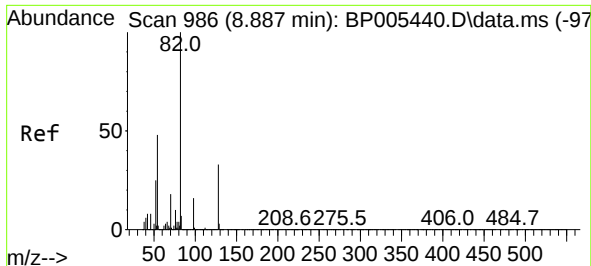
Tgt Ion:	77	Resp:	22
Ion	Ratio	Lower	Upper
77	100		
105	115.0	89.4	129.4
106	100.0	79.9	119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:	136	Resp:	45618
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	6.9	5.0	7.4
68	2.4	3.7	5.5

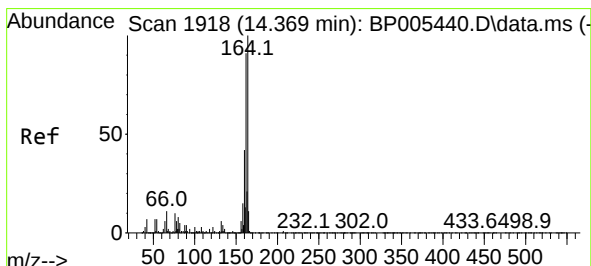
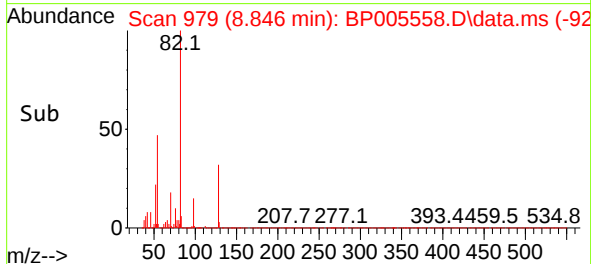
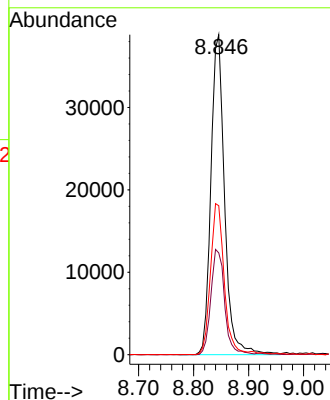
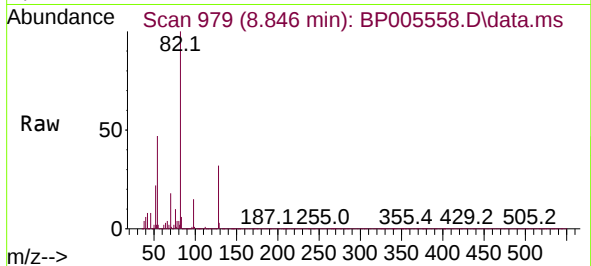




#23
Nitrobenzene-d5
Concen: 57.87 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

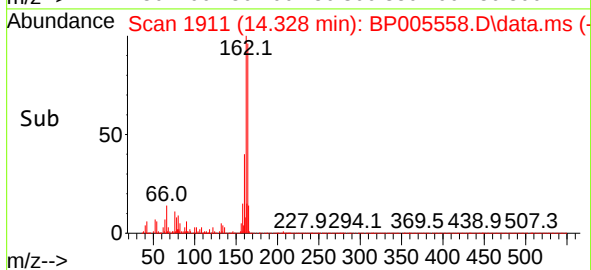
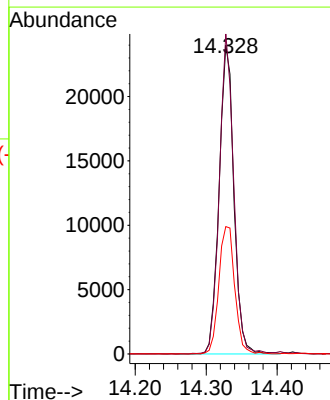
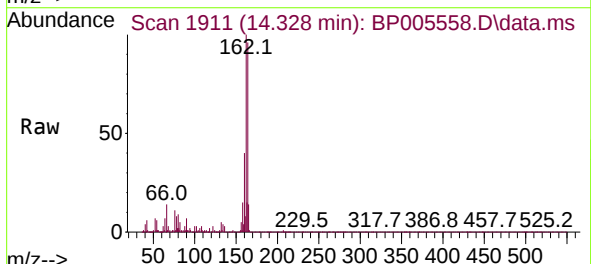
Instrument :
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ClientSampleId :
BURNETT-AVE-1-3

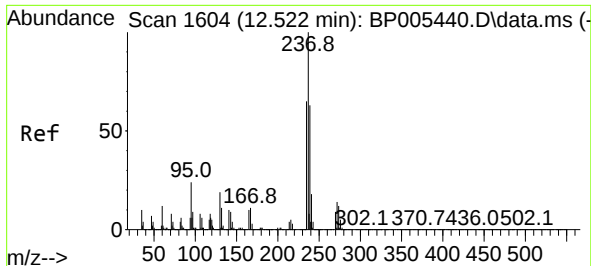
Tgt Ion: 82 Resp: 67070
Ion Ratio Lower Upper
82 100
128 31.8 30.5 45.7
54 46.5 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion: 164 Resp: 34609
Ion Ratio Lower Upper
164 100
162 103.7 73.5 110.3
160 41.3 40.6 61.0

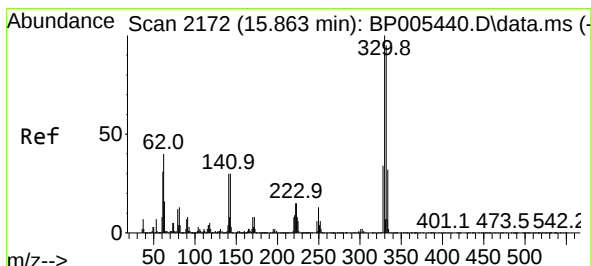
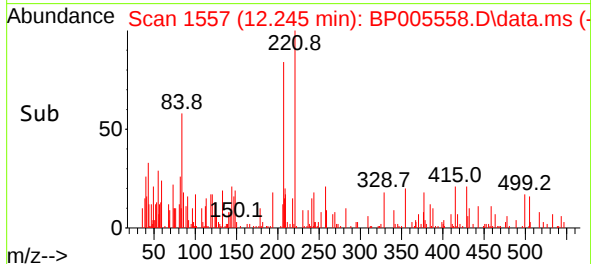
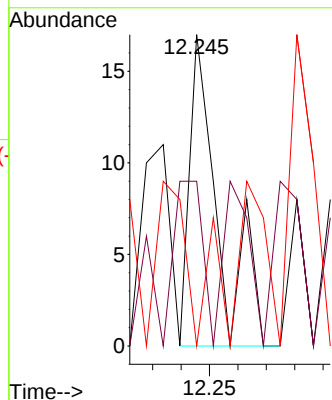
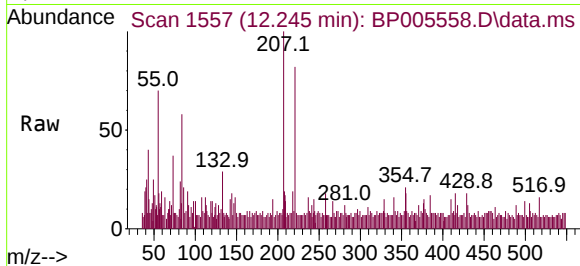




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.245 min Scan# 1557
Delta R.T. -0.235 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

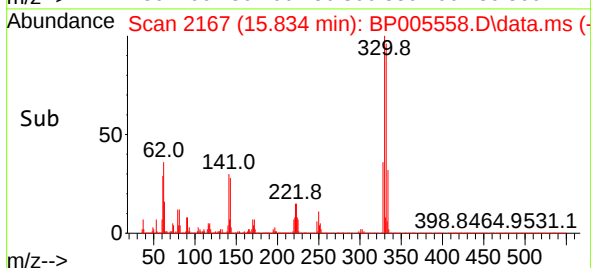
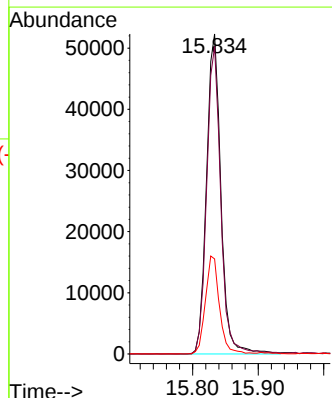
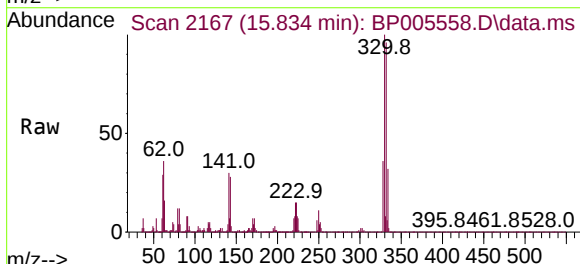
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BURNETT-AVE-1-3

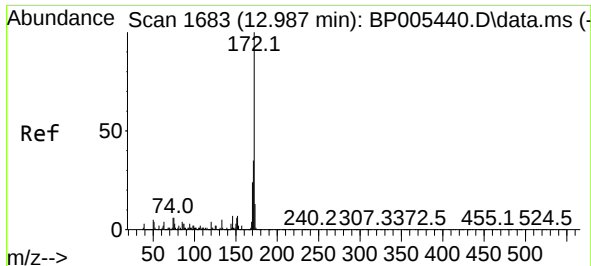
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	52.9	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 81.33 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:	330	Resp:	79876
Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.3	114.5
141	29.9	22.8	34.2

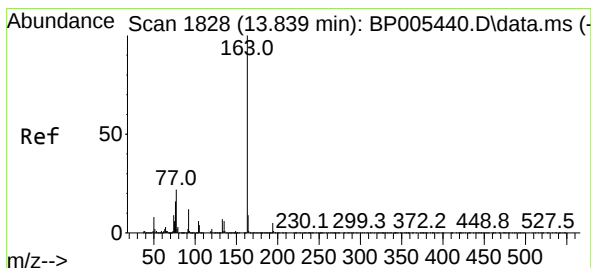
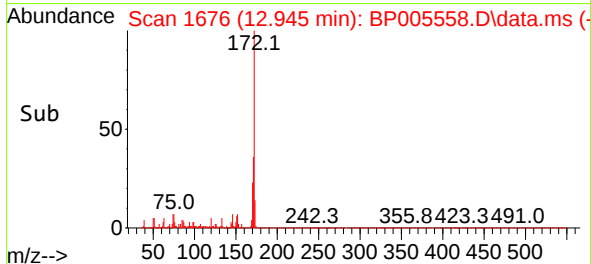
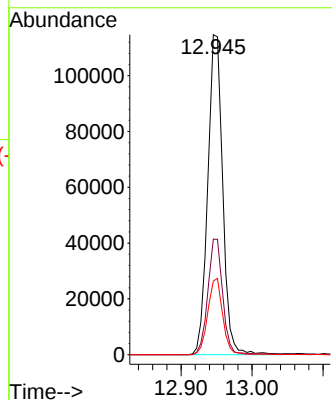
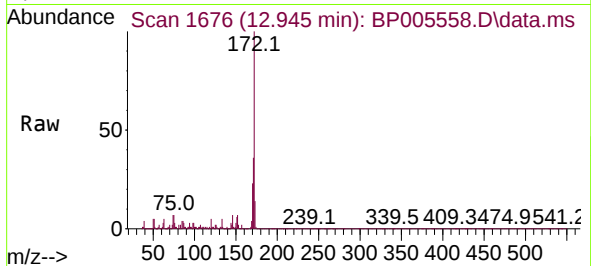




#45
2-Fluorobiphenyl
Concen: 54.80 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

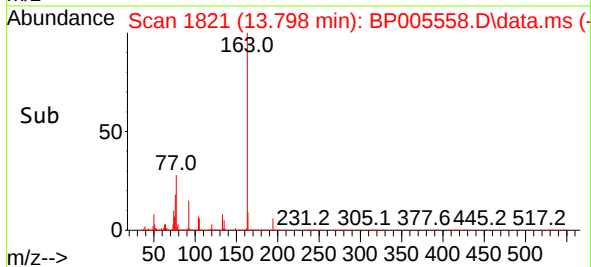
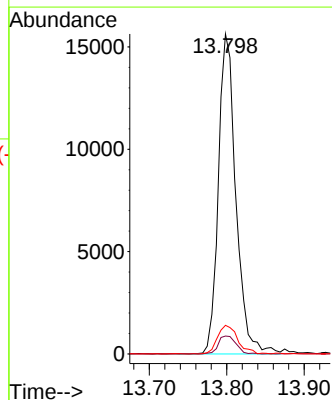
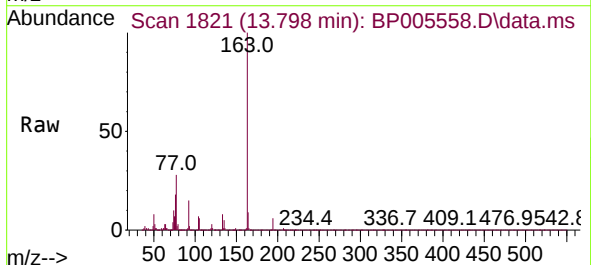
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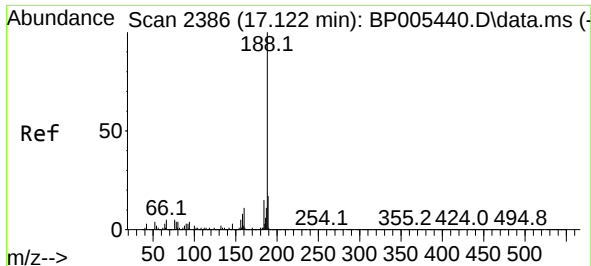
Tgt Ion:172	Resp: 168132
Ion Ratio	Lower Upper
172	100
171	36.1 28.1 42.1
170	23.0 19.6 29.4



#50
Dimethylphthalate
Concen: 8.26 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:163	Resp: 24667
Ion Ratio	Lower Upper
163	100
194	5.6 3.9 5.9
164	8.9 8.1 12.1

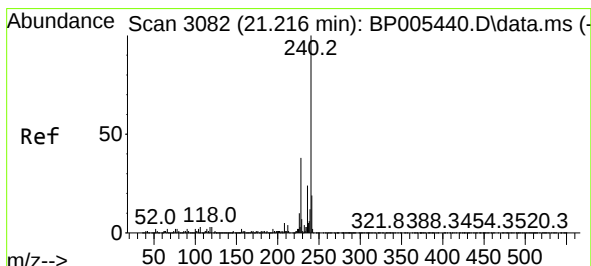
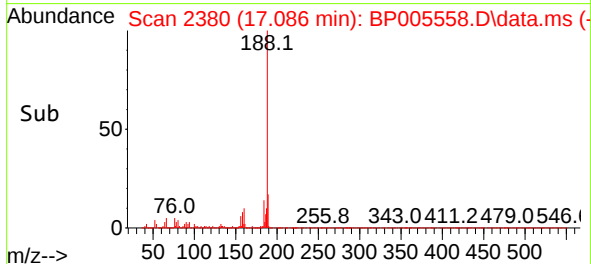
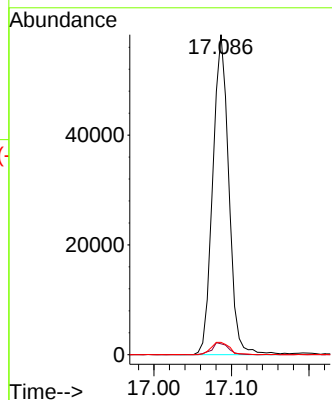
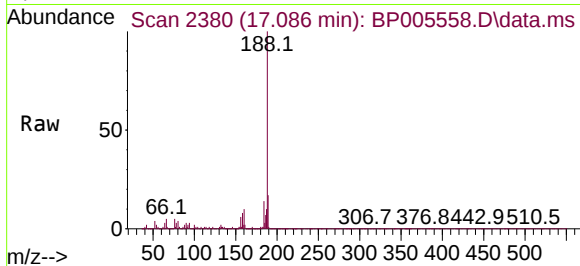




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

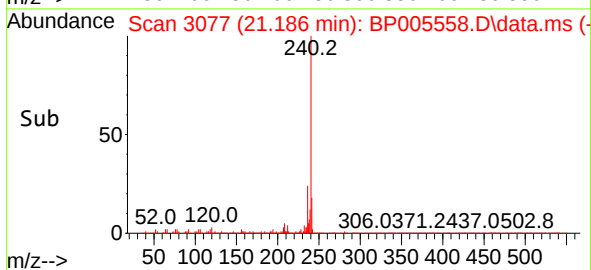
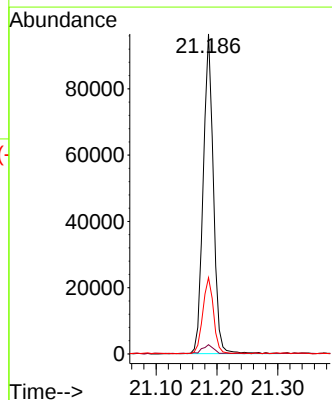
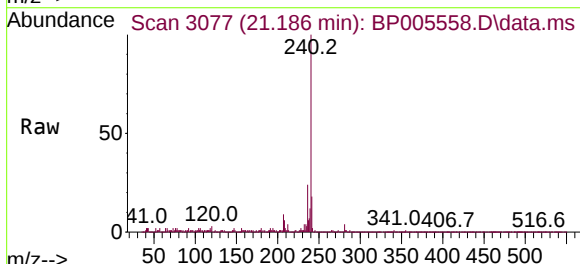
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-1-3

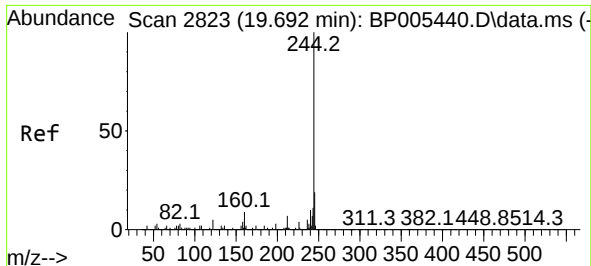
Tgt Ion:188	Resp:	83725
Ion Ratio	Lower	Upper
188	100	
94	3.4	5.0 7.6#
80	3.8	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:240	Resp:	111648
Ion Ratio	Lower	Upper
240	100	
120	2.9	4.2 6.2#
236	23.8	20.2 30.2

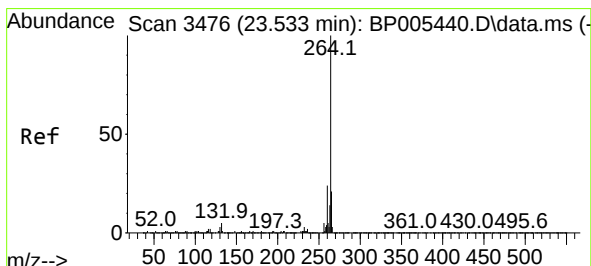
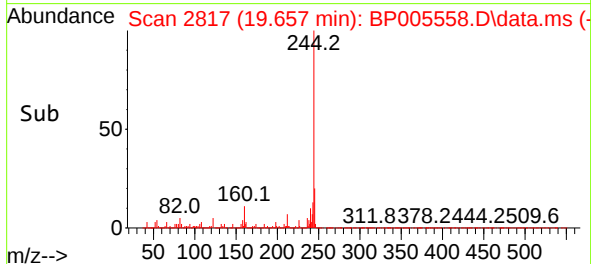
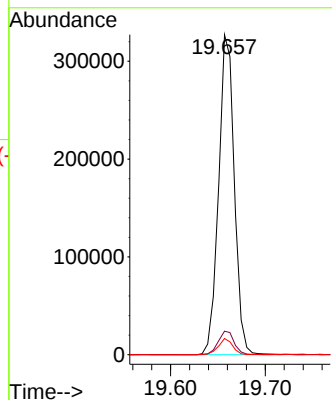
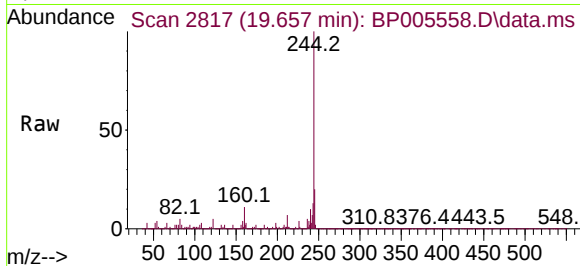




#79
Terphenyl-d14
Concen: 57.52 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

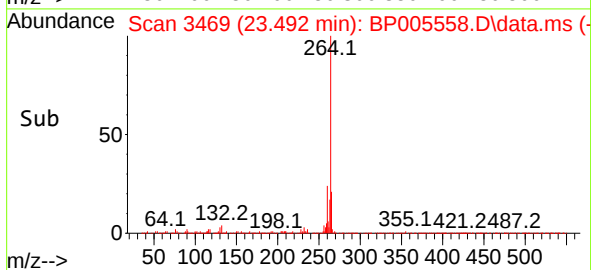
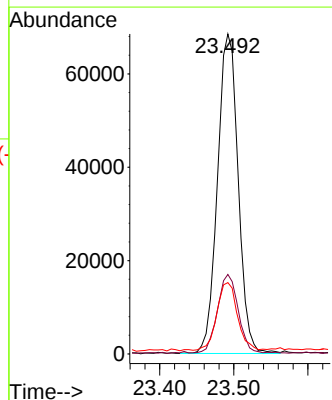
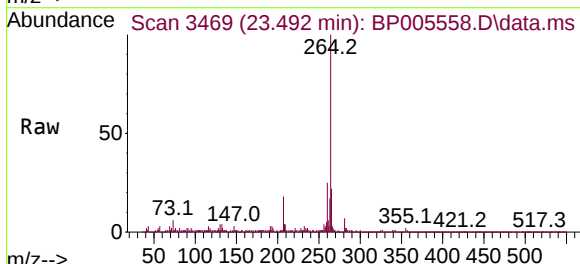
Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-1-3

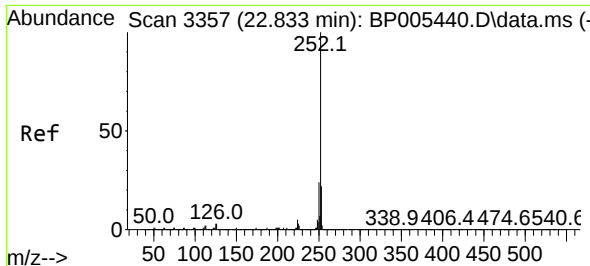
Tgt Ion:244 Resp: 378146
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 5.1 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:264 Resp: 132854
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 22.3 19.0 28.6

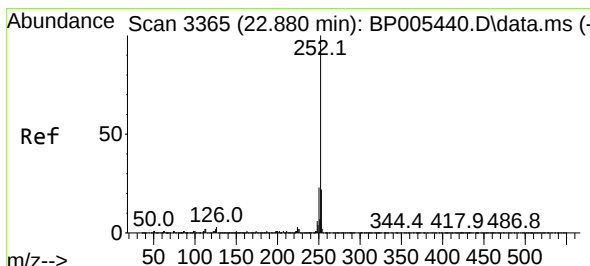
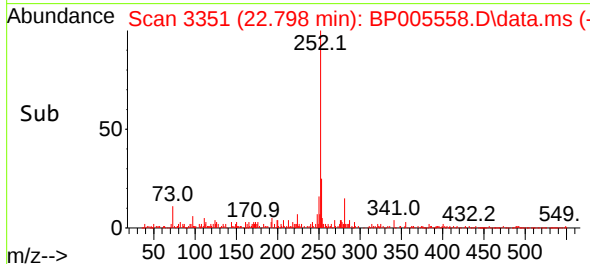
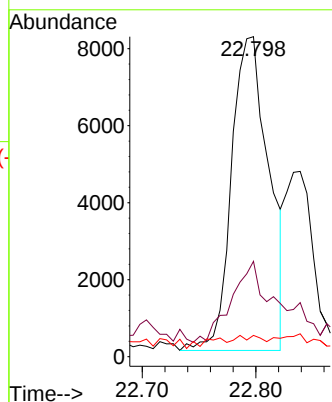
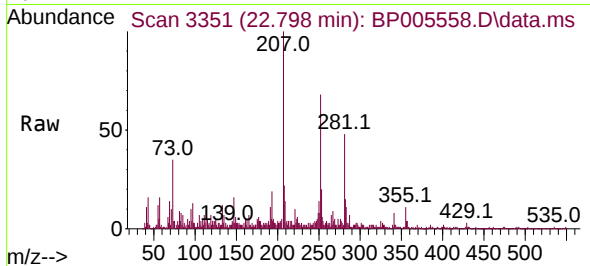




#88
Benzo(b)fluoranthene
Concen: 2.11 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.000 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Instrument :
BNA_P
ClientSampleId :
BURNETT-AVE-1-3

Tgt Ion:252 Resp: 18643
Ion Ratio Lower Upper
252 100
253 29.8 18.2 27.2#
125 6.7 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 2.15 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.047 min
Lab File: BP005558.D
Acq: 14 May 2021 20:23

Tgt Ion:252 Resp: 18643
Ion Ratio Lower Upper
252 100
253 29.8 17.2 25.8#
125 6.7 3.8 5.6#

