

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004828.D
 Acq On : 19 Feb 2021 18:30
 Operator : CG/JU
 Sample : M1441-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-234-A

Quant Time: Feb 19 23:52:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

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

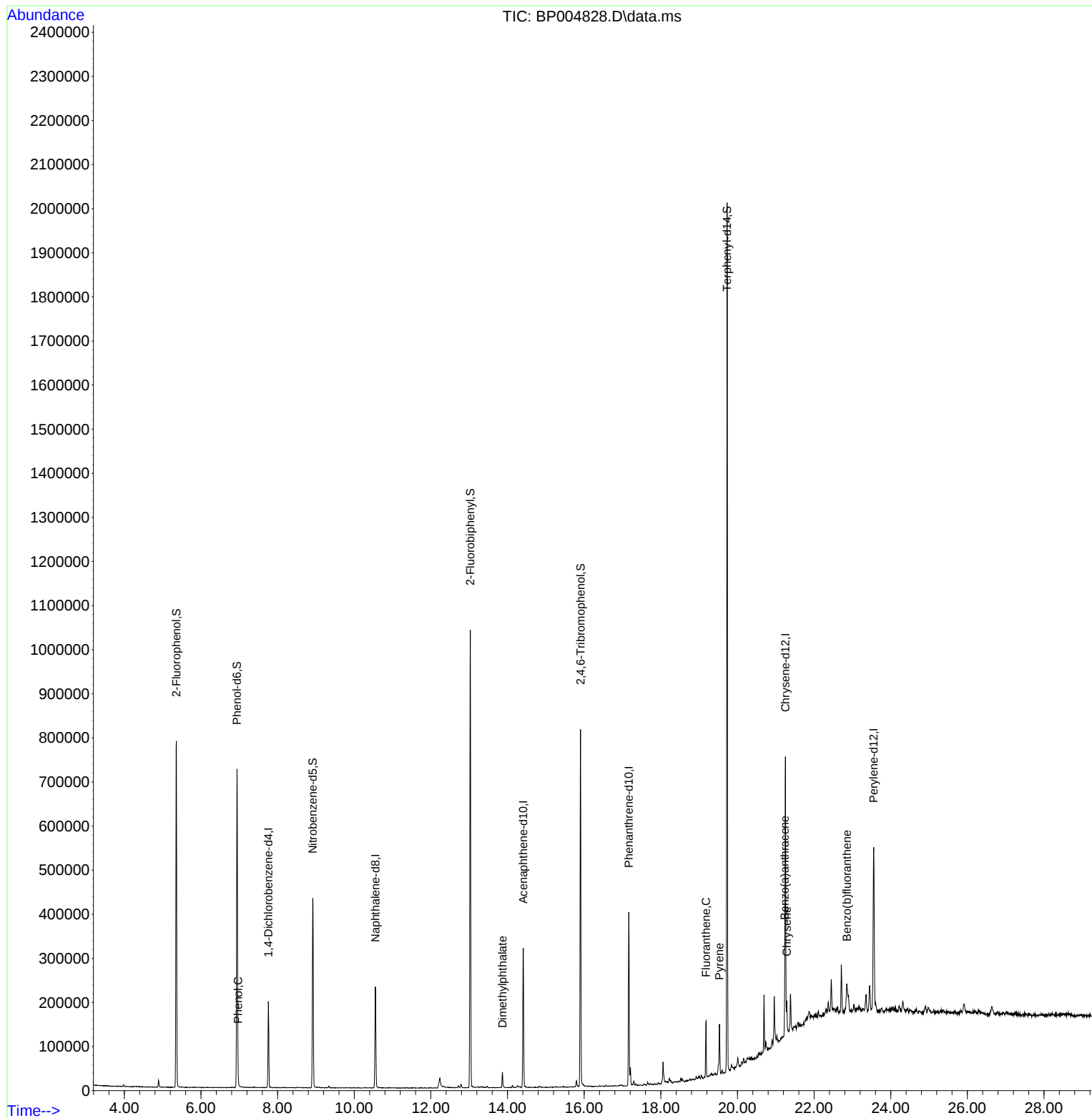
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	48910	20.00	ng	# 0.00
21) Naphthalene-d8	10.551	136	185126	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	105692	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	225617	20.00	ng	0.00
76) Chrysene-d12	21.251	240	267820	20.00	ng	0.00
86) Perylene-d12	23.557	264	276997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	318866	100.66	ng	0.00
7) Phenol-d6	6.940	99	390795	89.71	ng	0.00
23) Nitrobenzene-d5	8.916	82	244705	57.59	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	133869	95.33	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	518630	59.98	ng	0.00
79) Terphenyl-d14	19.727	244	807983	50.68	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.969	94	12231	2.90	ng	# 69
50) Dimethylphthalate	13.869	163	20993	2.26	ng	# 97
75) Fluoranthene	19.180	202	72567	4.41	ng	99
78) Pyrene	19.527	202	67657	3.58	ng	98
81) Benzo(a)anthracene	21.233	228	40754	2.15	ng	99
83) Chrysene	21.286	228	38782	2.11	ng	98
88) Benzo(b)fluoranthene	22.857	252	50676	2.50	ng	# 89

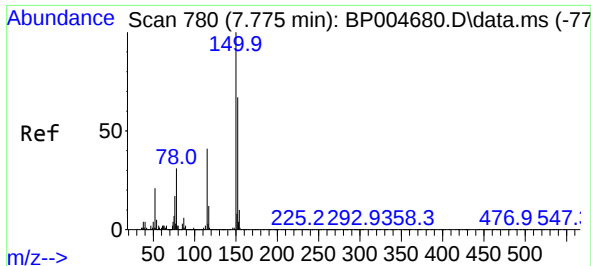
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

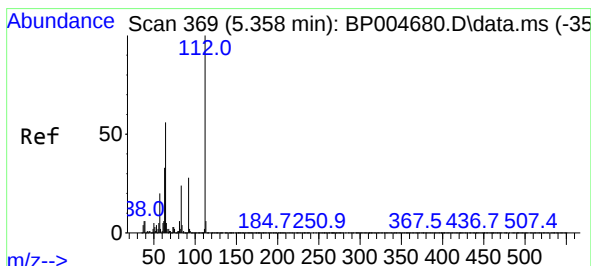
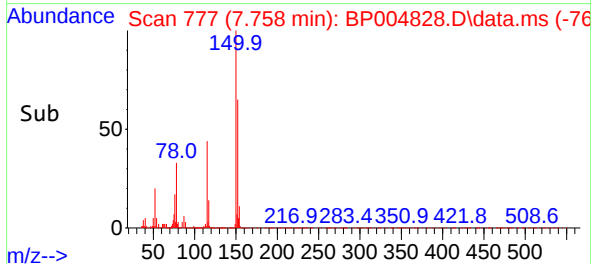
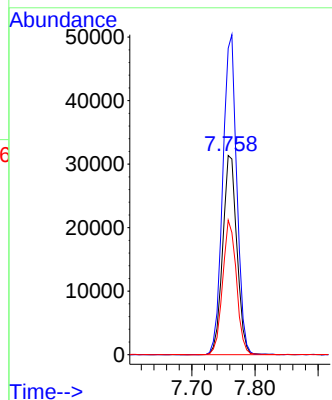
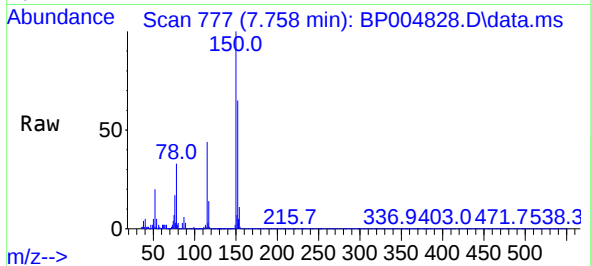




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

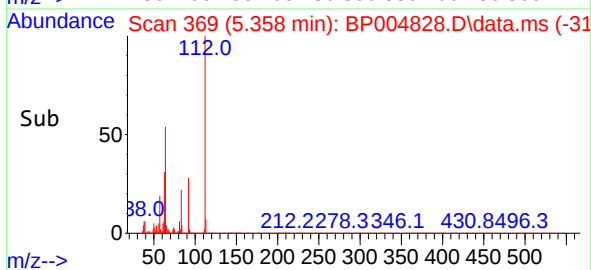
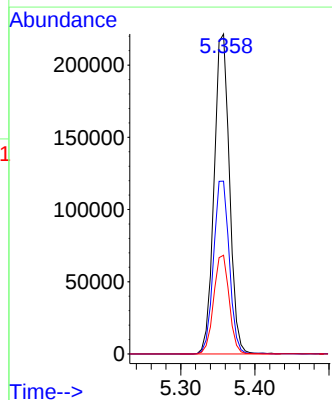
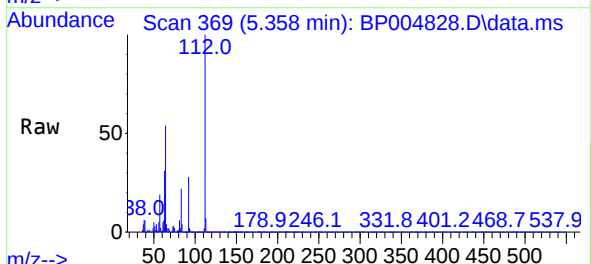
Instrument :
BNA_P
ClientSampled :
SP-234-A

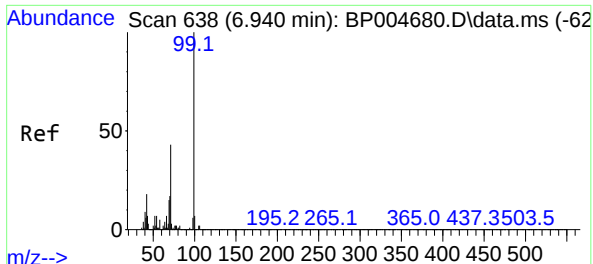
Tgt Ion:152 Resp: 48910
Ion Ratio Lower Upper
152 100
150 153.8 123.8 185.6
115 67.6 43.8 65.6#



#5
2-Fluorophenol
Concen: 100.66 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:112 Resp: 318866
Ion Ratio Lower Upper
112 100
64 54.0 32.8 49.2#
63 30.9 17.0 25.4#

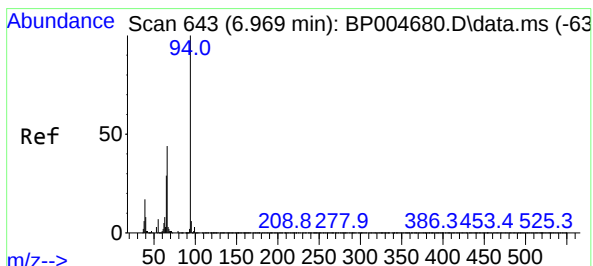
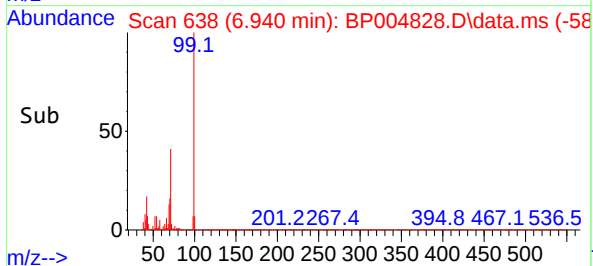
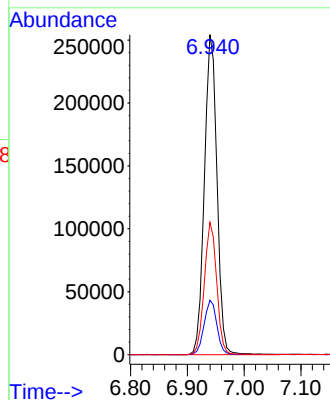
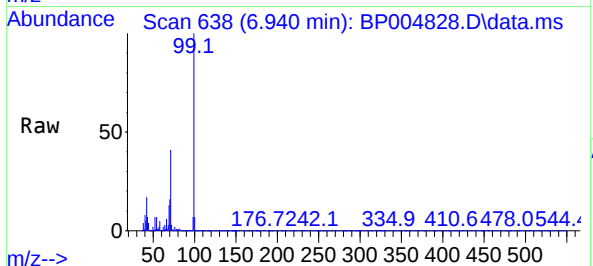




#7
Phenol-d6
Concen: 89.71 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

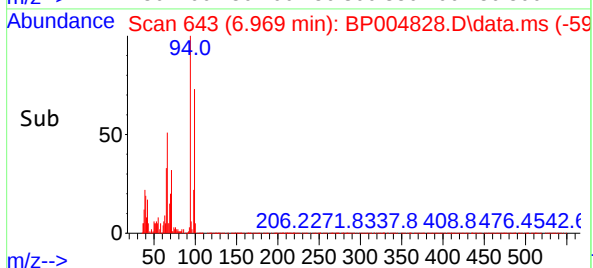
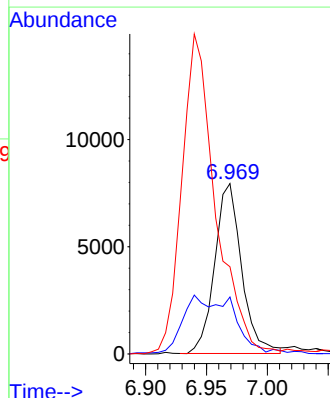
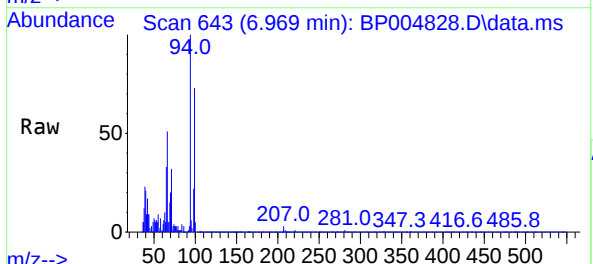
Instrument :
BNA_P
ClientSampleId :
SP-234-A

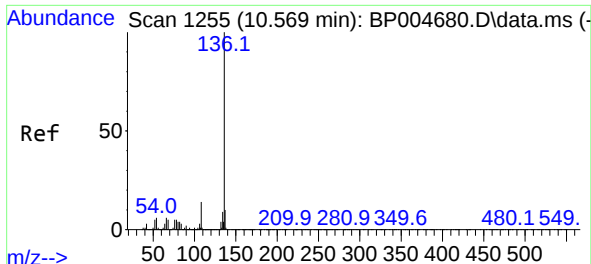
Tgt Ion: 99 Resp: 390795
Ion Ratio Lower Upper
99 100
42 17.0 8.6 13.0#
71 41.4 23.4 35.2#



#10
Phenol
Concen: 2.90 ng
RT: 6.969 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion: 94 Resp: 12231
Ion Ratio Lower Upper
94 100
65 33.4 2.3 42.3
66 51.2 10.9 50.9#

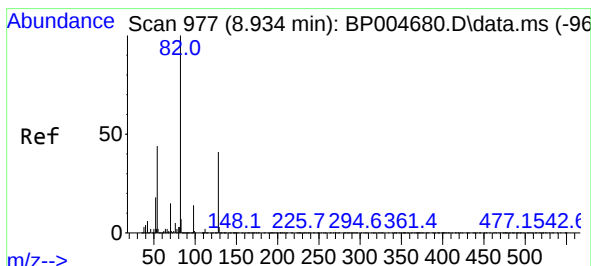
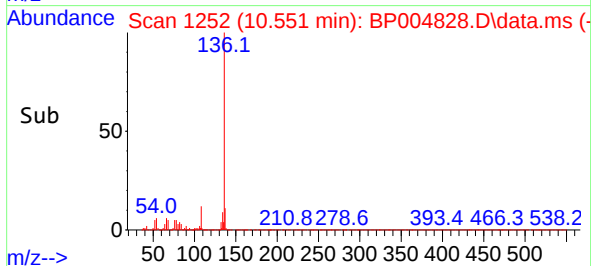
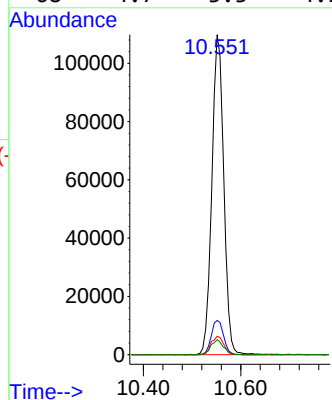
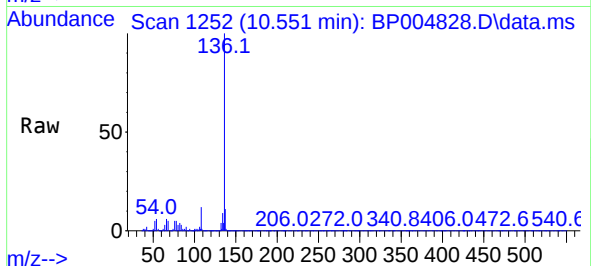




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

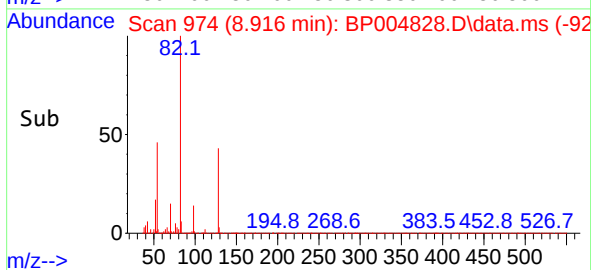
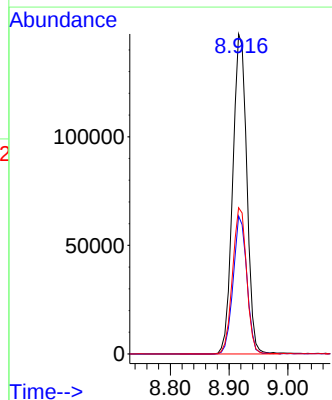
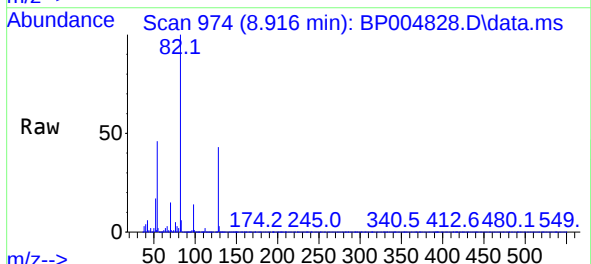
Instrument :
BNA_P
ClientSampleId :
SP-234-A

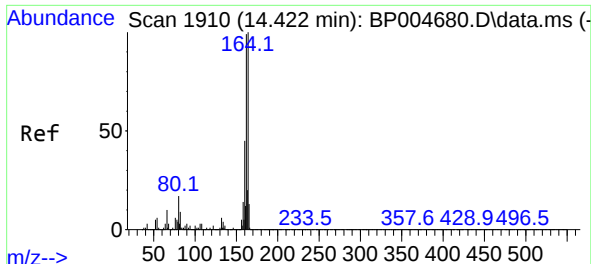
Tgt Ion:	136	Resp:	185126
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.8	3.6	5.4#
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 57.59 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:	82	Resp:	244705
Ion	Ratio	Lower	Upper
82	100		
128	43.1	45.6	68.4#
54	45.7	30.1	45.1#

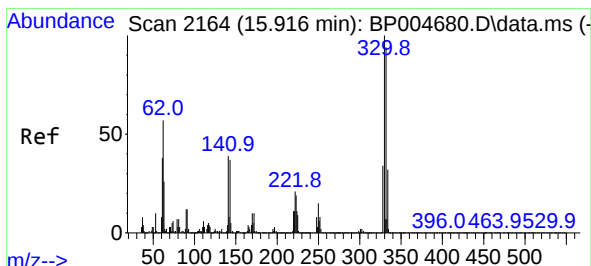
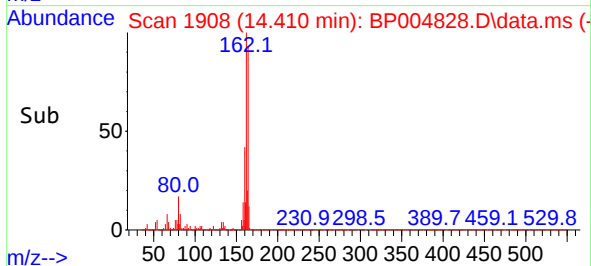
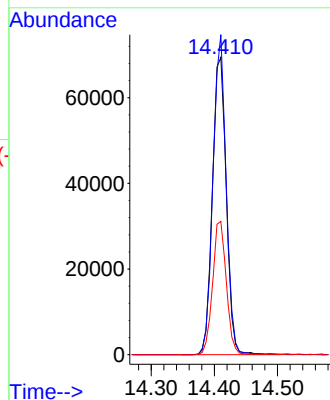
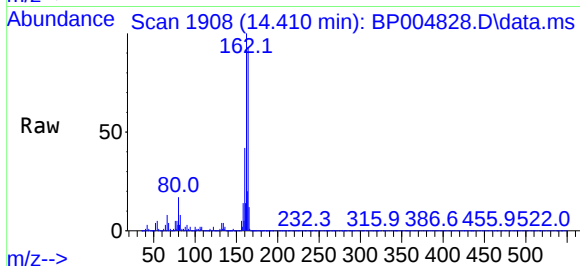




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

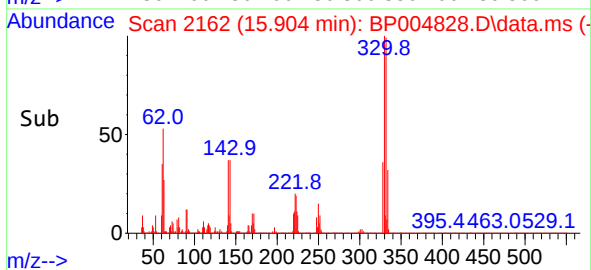
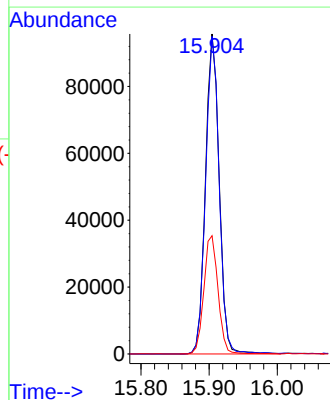
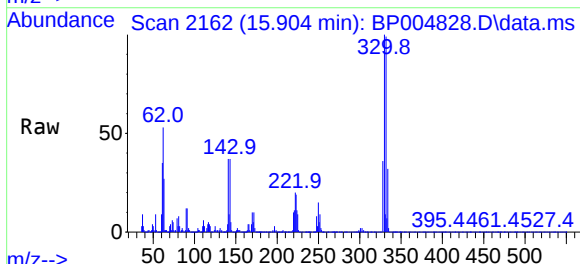
Instrument :
BNA_P
ClientSampleId :
SP-234-A

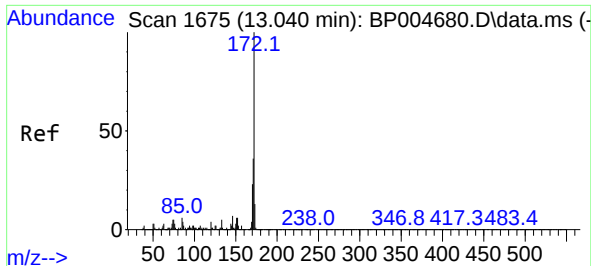
Tgt Ion:164 Resp: 105692
Ion Ratio Lower Upper
164 100
162 107.7 79.4 119.2
160 44.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 95.33 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:330 Resp: 133869
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 38.2 23.4 35.2#

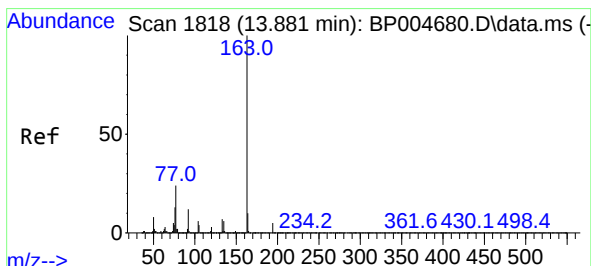
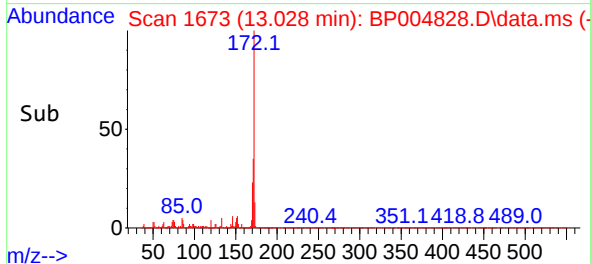
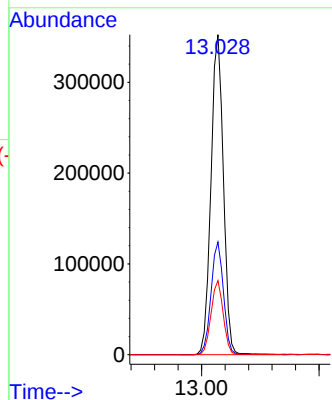
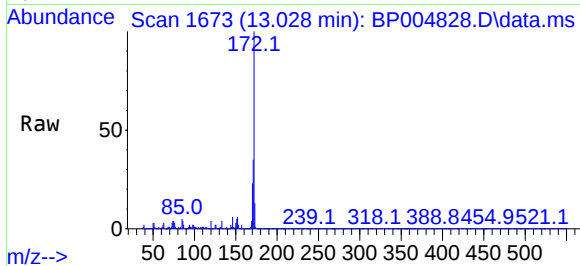




#45
2-Fluorobiphenyl
Concen: 59.98 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

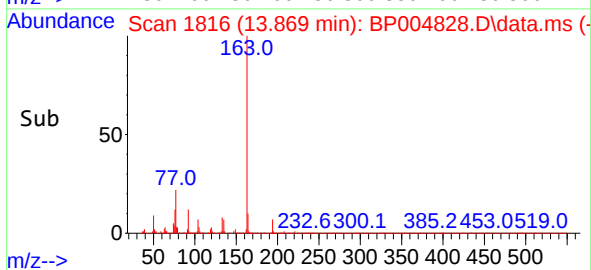
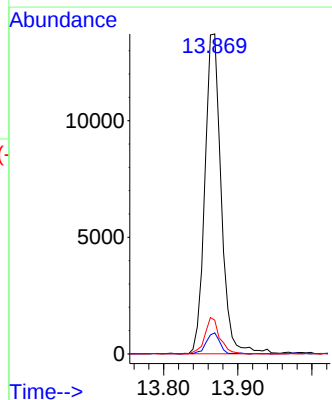
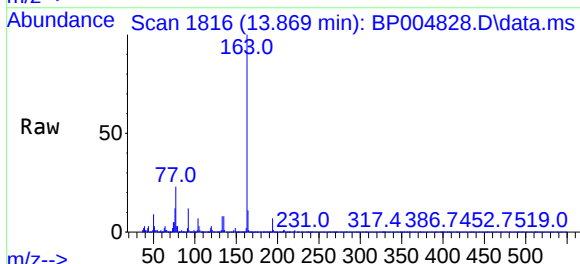
Instrument :
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ClientSampleId :
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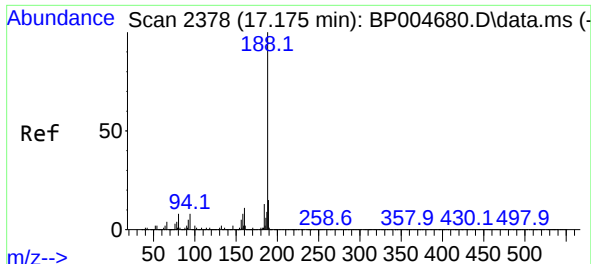
Tgt Ion:	172	Resp:	518630
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	19.2	28.8



#50
Dimethylphthalate
Concen: 2.26 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:	163	Resp:	20993
Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.3	4.9#
164	10.6	8.2	12.2

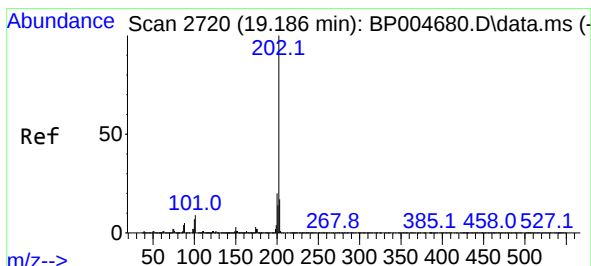
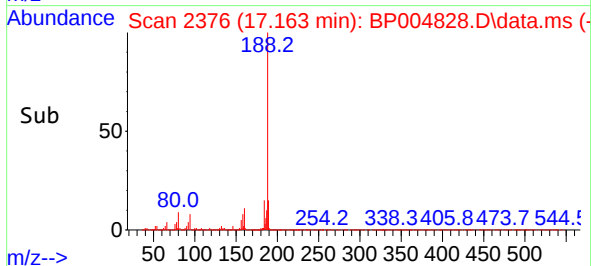
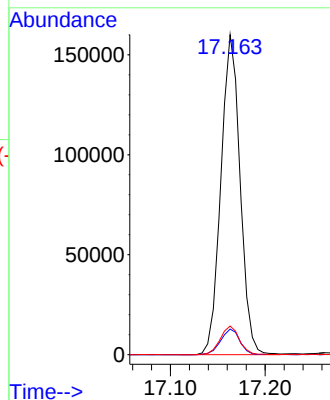
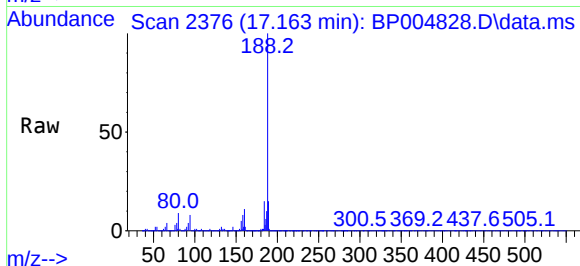




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

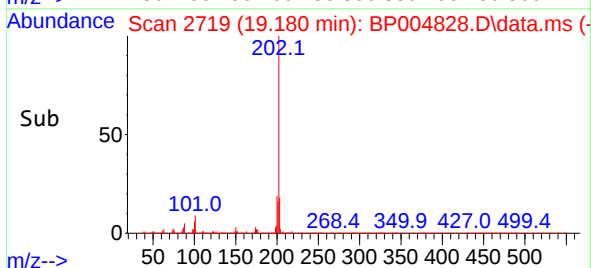
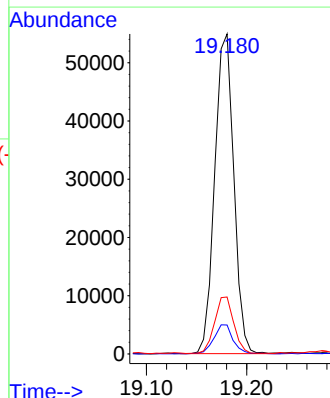
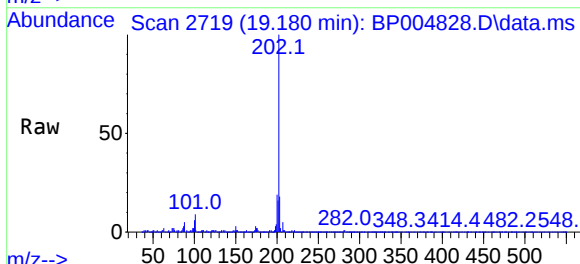
Instrument :
BNA_P
ClientSampleId :
SP-234-A

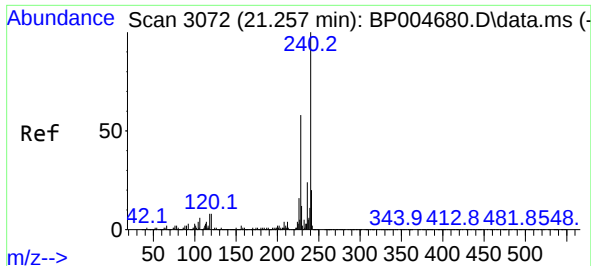
Tgt Ion:188	Resp: 225617
Ion Ratio	Lower Upper
188 100	
94 8.0	6.2 9.2
80 8.9	6.2 9.2



#75
Fluoranthene
Concen: 4.41 ng
RT: 19.180 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:202	Resp: 72567
Ion Ratio	Lower Upper
202 100	
101 10.5	0.0 29.4
203 17.8	0.0 37.8

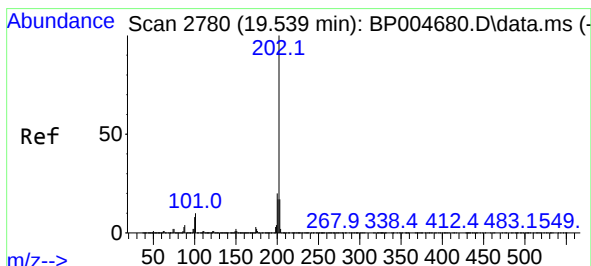
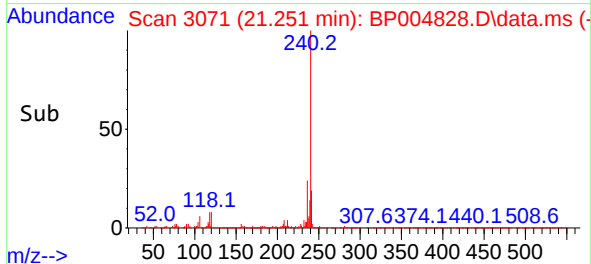
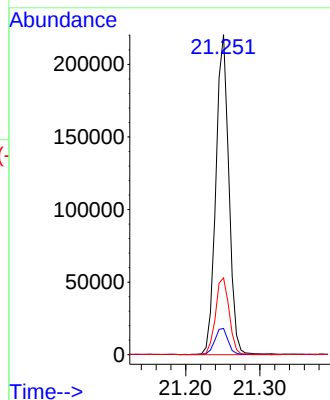
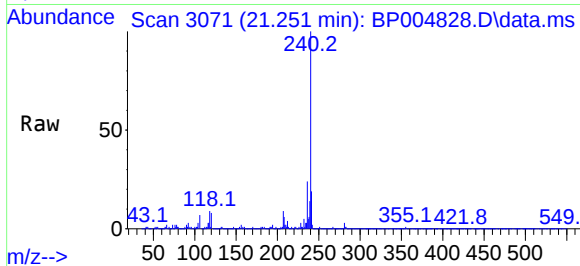




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

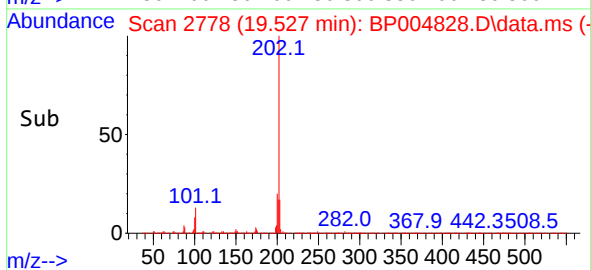
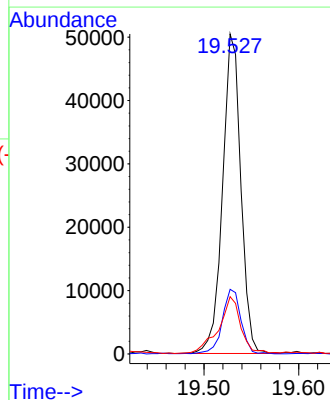
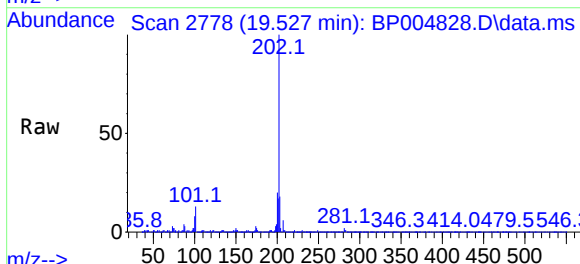
Instrument :
BNA_P
ClientSampled :
SP-234-A

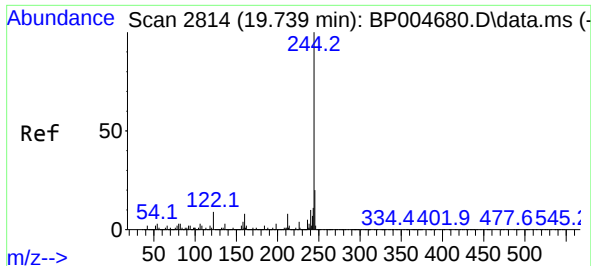
Tgt Ion:240 Resp: 267820
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 24.0 20.8 31.2



#78
Pyrene
Concen: 3.58 ng
RT: 19.527 min Scan# 2778
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:202 Resp: 67657
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.9 14.2 21.2



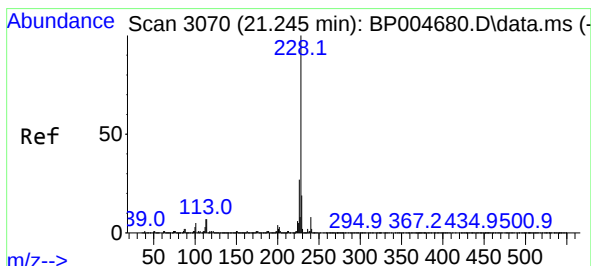
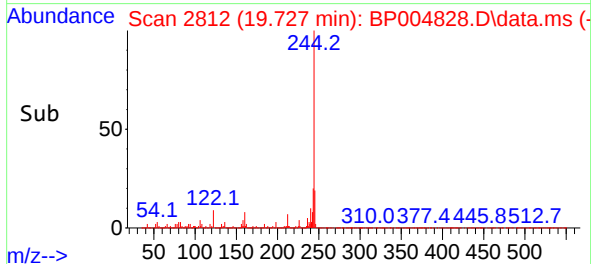
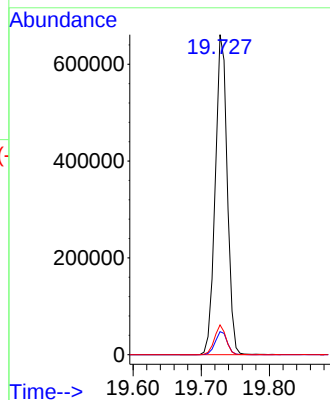
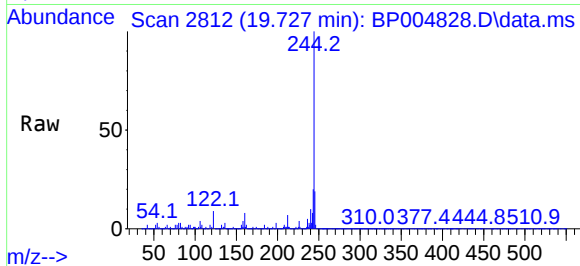


#79
Terphenyl-d14
Concen: 50.68 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Instrument :
BNA_P
ClientSampleId :
SP-234-A

Tgt Ion:244 Resp: 807983

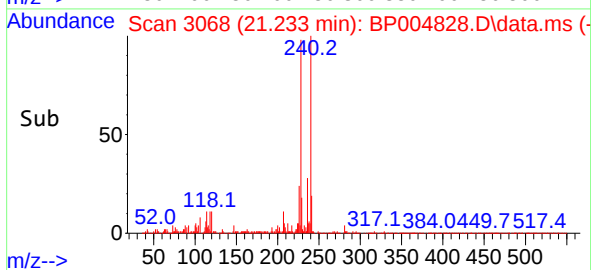
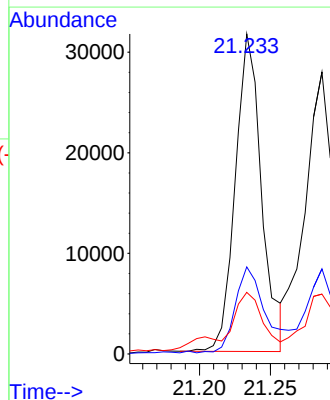
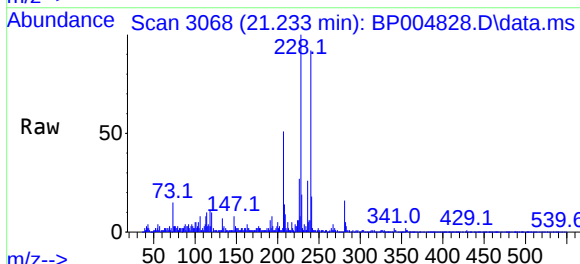
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.3	7.8	11.8

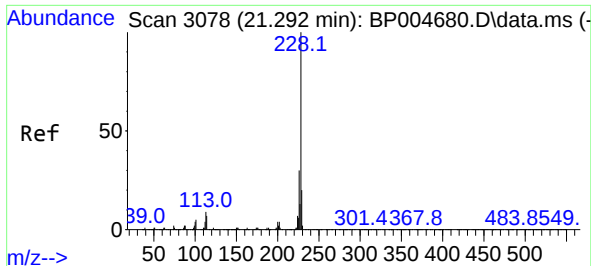


#81
Benzo(a)anthracene
Concen: 2.15 ng
RT: 21.233 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:228 Resp: 40754

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.3	15.9	23.9

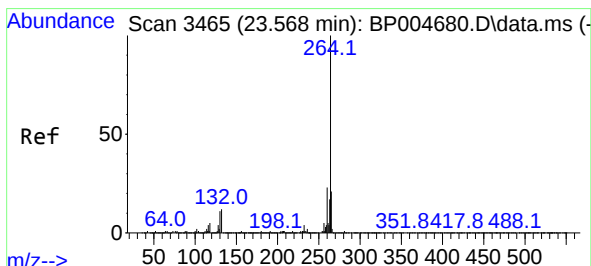
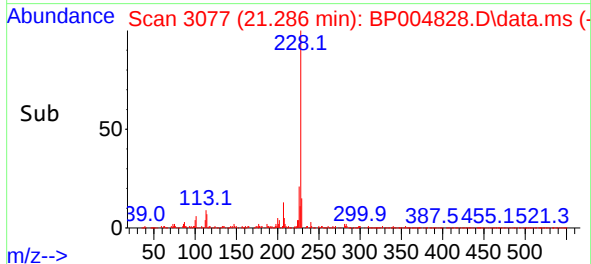
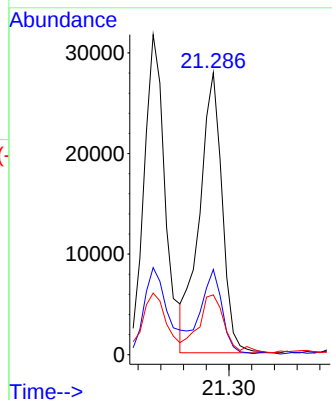
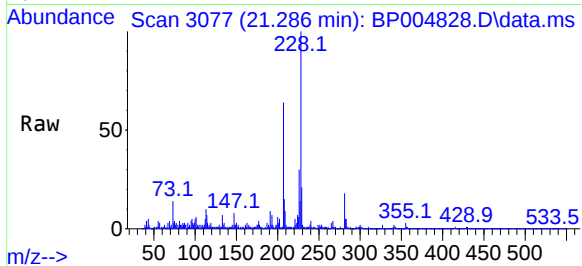




#83
Chrysene
Concen: 2.11 ng
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

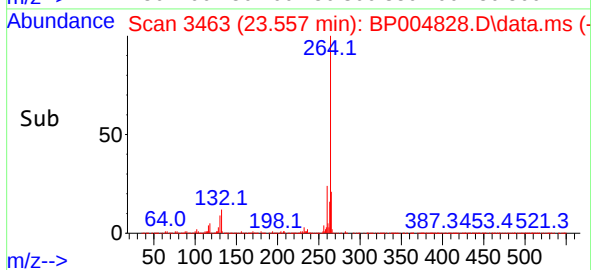
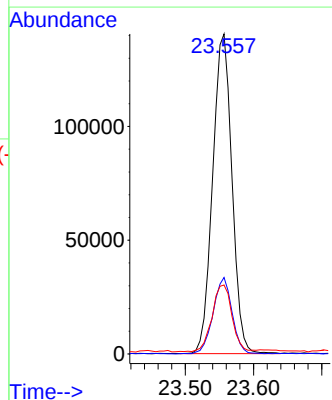
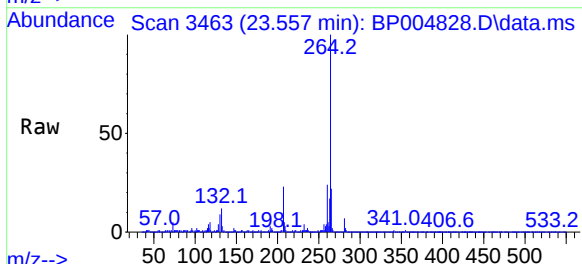
Instrument :
BNA_P
ClientSampled :
SP-234-A

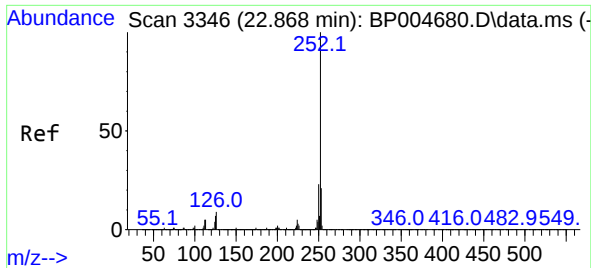
Tgt Ion:228	Resp:	38782
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.4 36.6
229	21.2	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.557 min Scan# 3463
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Tgt Ion:264	Resp:	276997
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.8 28.2
265	21.6	17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 2.50 ng
RT: 22.857 min Scan# 3344
Delta R.T. 0.000 min
Lab File: BP004828.D
Acq: 19 Feb 2021 18:30

Instrument :
BNA_P
ClientSampleId :
SP-234-A

Tgt Ion:252 Resp: 50676
Ion Ratio Lower Upper
252 100
253 27.6 17.6 26.4#
125 12.5 7.3 10.9#

