

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001026.D
 Acq On : 11 Nov 2019 20:11
 Operator : JU
 Sample : K5777-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-7-WEST-OUTFALL-(10)

Manual Integrations
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Quant Time: Nov 12 06:17:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	244489	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	898847	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	518876	20.00	ng	-0.01
64) Phenanthrene-d10	15.66	188	1000511	20.00	ng	0.00
76) Chrysene-d12	19.29	240	802059	20.00	ng	0.00
87) Perylene-d12	21.07	264	890441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	1257489	93.62	ng	0.00
7) Phenol-d6	7.82	99	1640522	96.58	ng	0.00
23) Nitrobenzene-d5	9.25	82	1006010	61.91	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	630821	101.84	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	1987621	57.69	ng	-0.01
79) Terphenyl-d14	17.93	244	2243875	55.65	ng	0.00

Target Compounds

						Qvalue
10) Phenol	7.83	94	106187	5.716	ng	99
49) Acenaphthylene	13.02	152	106621	2.246	ng	99
50) Dimethylphthalate	12.84	163	162936	4.247	ng	99
70) Pentachlorophenol	15.36	266	35901	5.909	ng	98
71) Phenanthrene	15.69	178	410561	8.018	ng	99
72) Anthracene	15.76	178	106877	2.140	ng	97
75) Fluoranthene	17.40	202	884235	15.277	ng	97
78) Pyrene	17.70	202	954287	16.836	ng	99
81) Benzo(a)anthracene	19.28	228	446496m	8.266	ng	
83) Chrysene	19.32	228	430104	9.069	ng	97
86) Indeno(1,2,3-cd)pyrene	22.73	276	213460m	3.290	ng	
88) Benzo(b)fluoranthene	20.58	252	496244m	9.349	ng	
89) Benzo(k)fluoranthene	20.61	252	152817m	3.059	ng	
90) Benzo(a)pyrene	21.00	252	355900	7.292	ng	98
92) Benzo(a,h,i)perylene	23.23	276	194703	3.882	ng	97

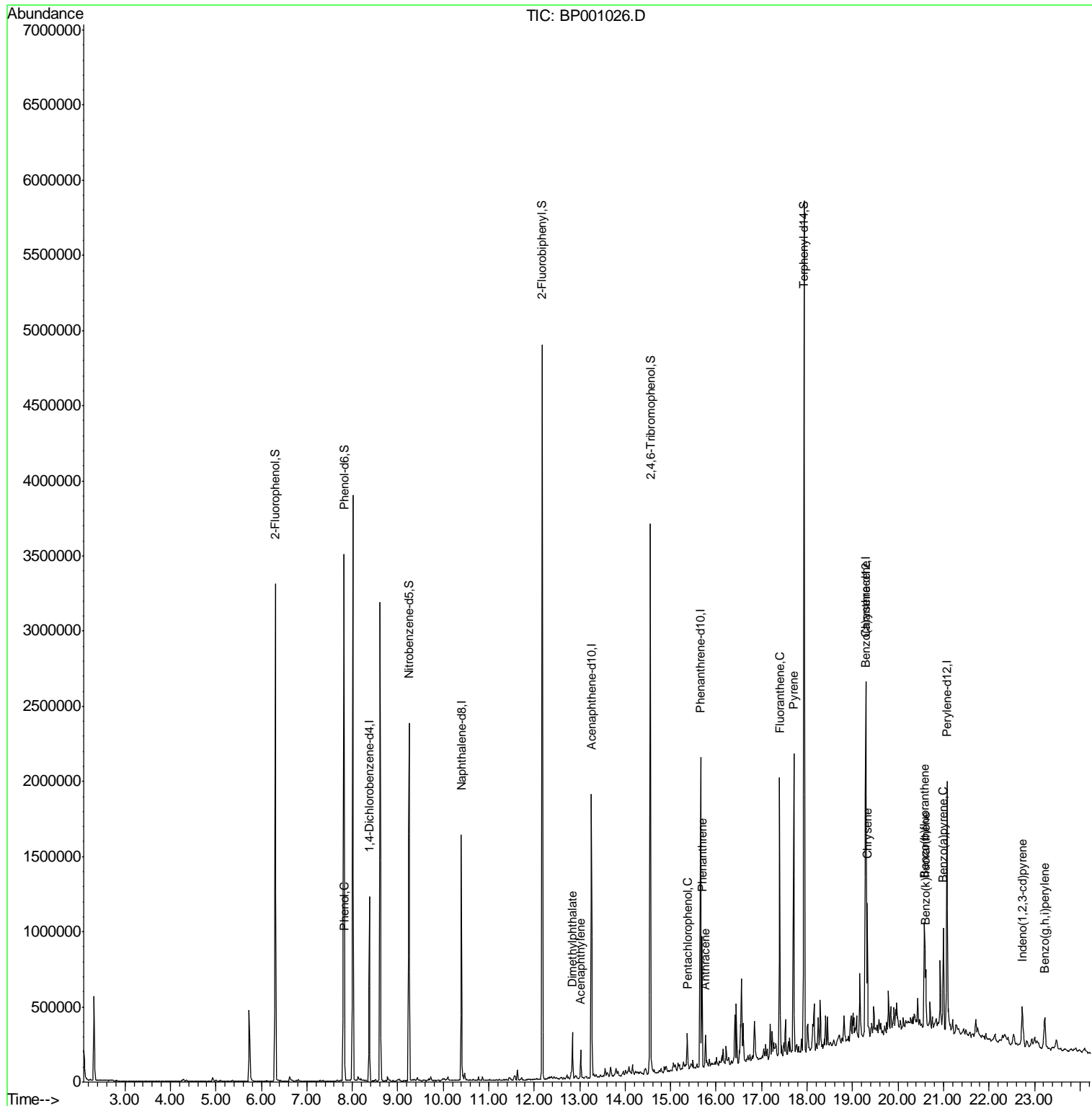
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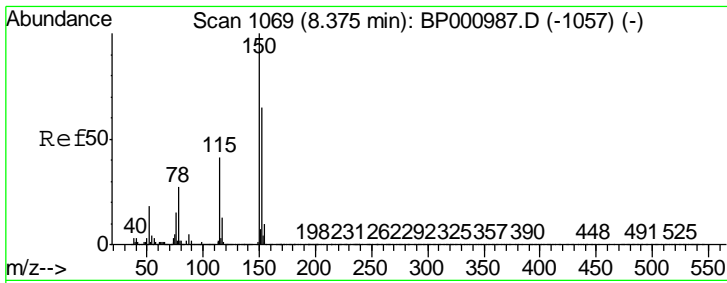
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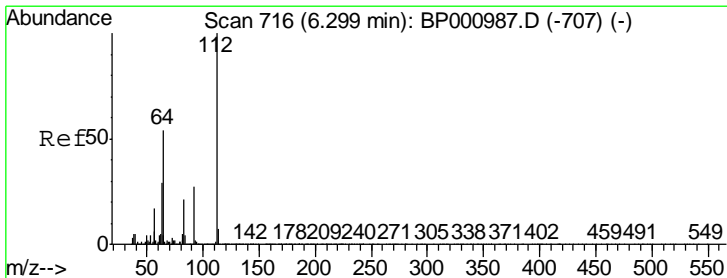
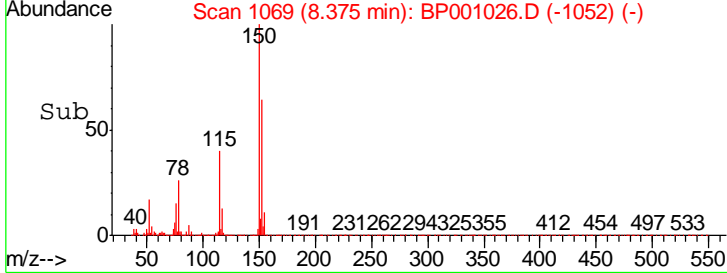
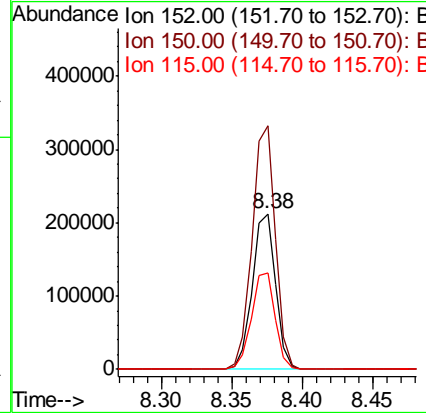
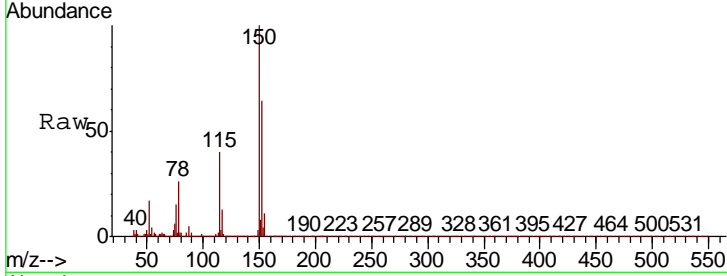
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.38 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
152	244489		
150	156.2	123.6	185.4
115	62.1	50.1	75.1

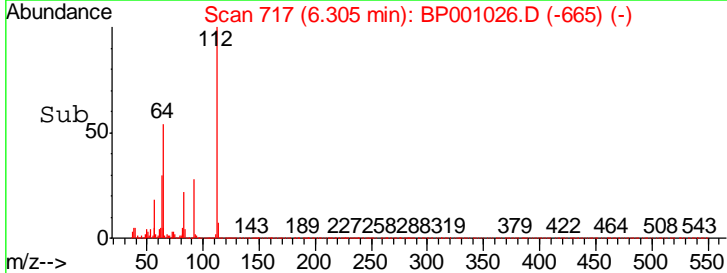
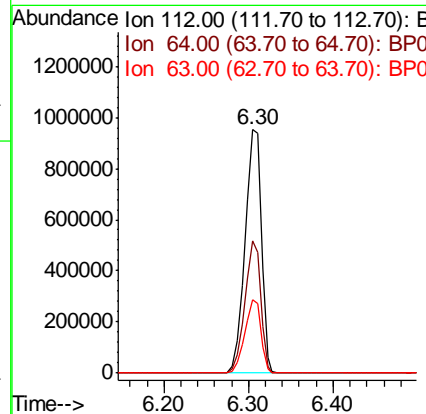
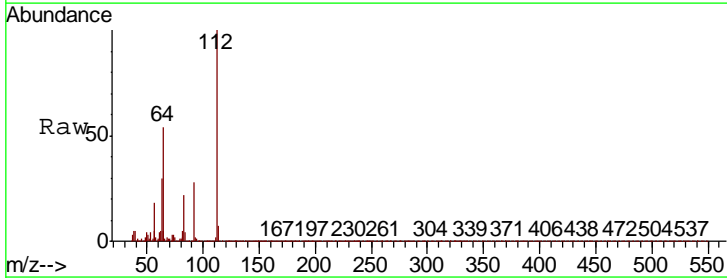
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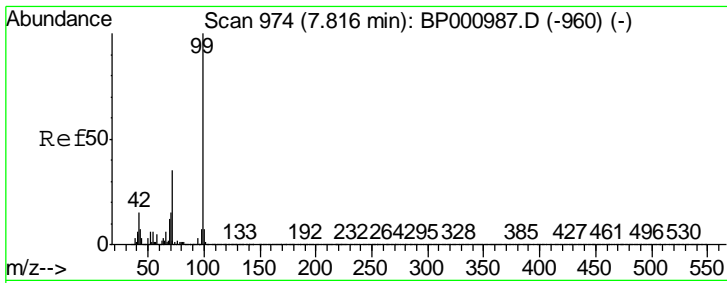
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#5
 2-Fluorophenol
 Concen: 93.618 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
112	1257489		
64	54.1	43.4	65.0
63	30.4	23.4	35.0



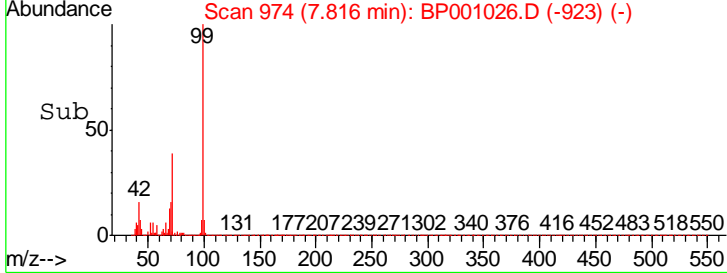
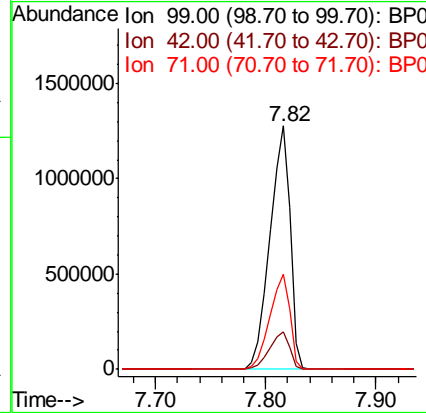
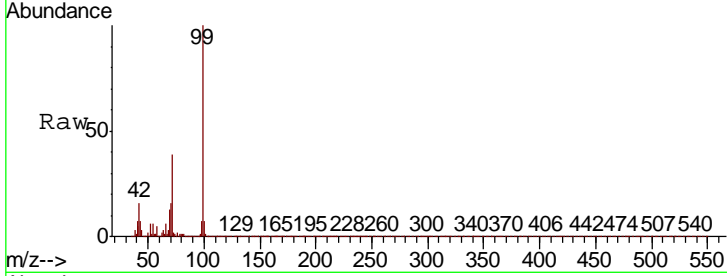


#7
 Phenol-d6
 Concen: 96.582 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
99	1640522		
42	15.6	11.6	17.4
71	39.1	28.0	42.0

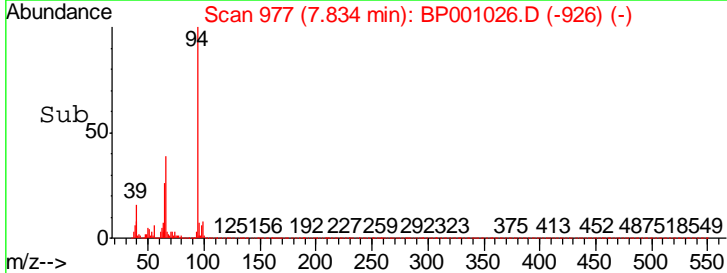
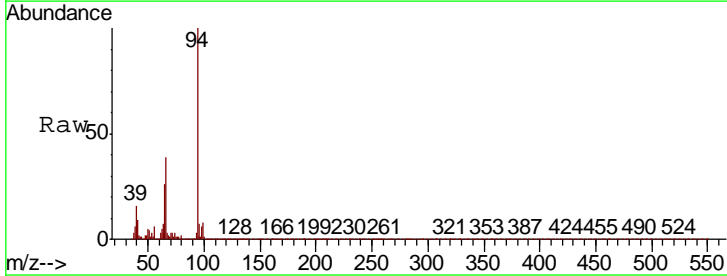
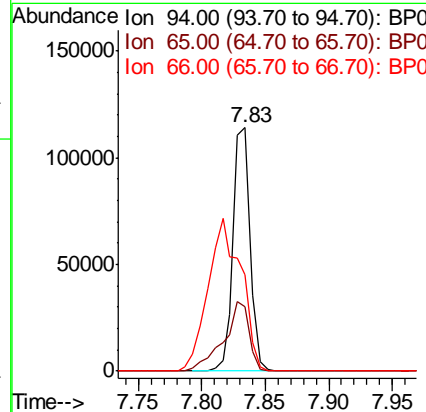
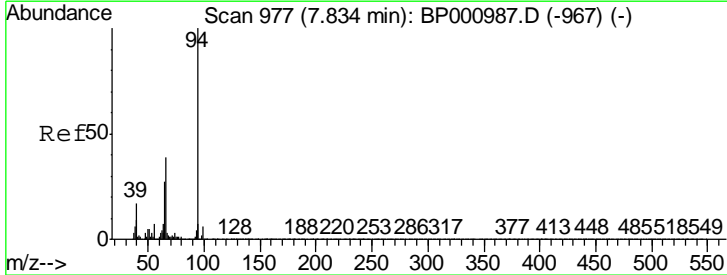
Instrument :
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ClientSampled :
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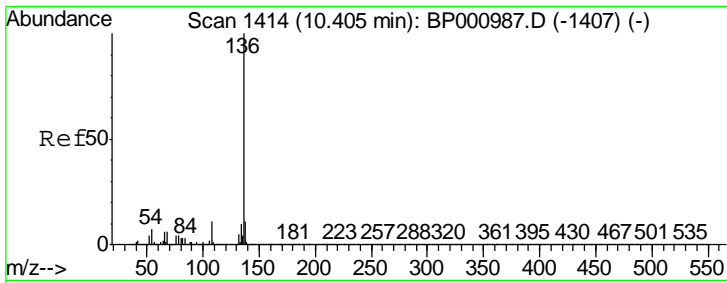
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#10
 Phenol
 Concen: 5.716 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
94	106187		
65	26.3	6.7	46.7
66	39.4	18.6	58.6





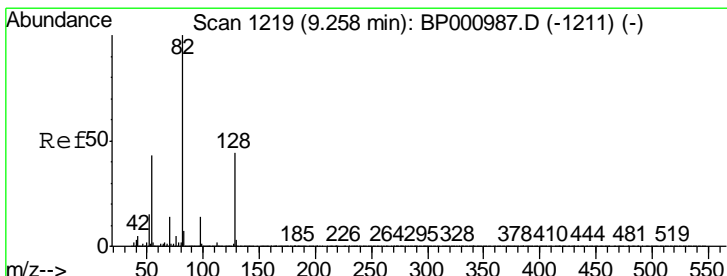
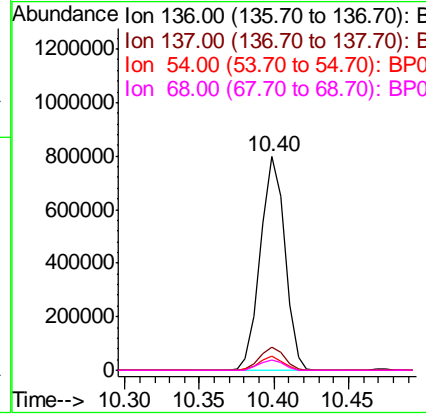
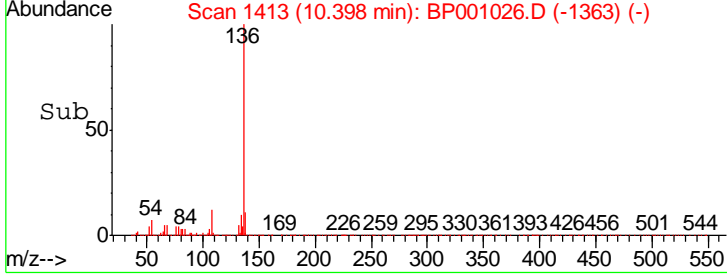
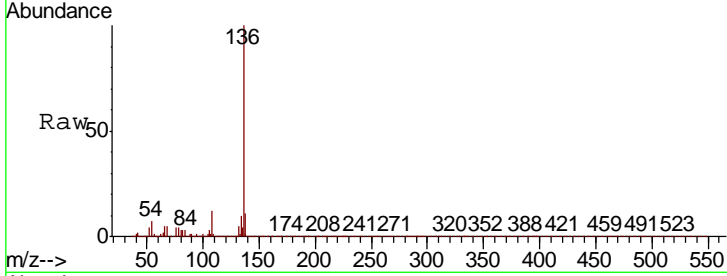
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
 ClientSampleId :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.7	5.4	8.2
68	4.9	4.7	7.1

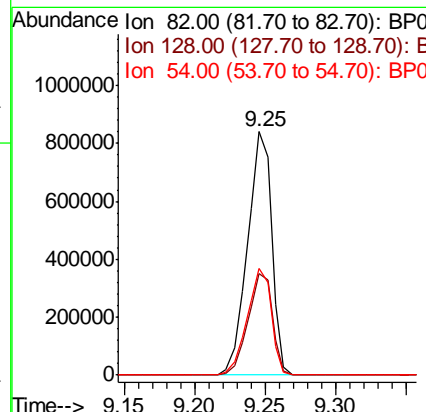
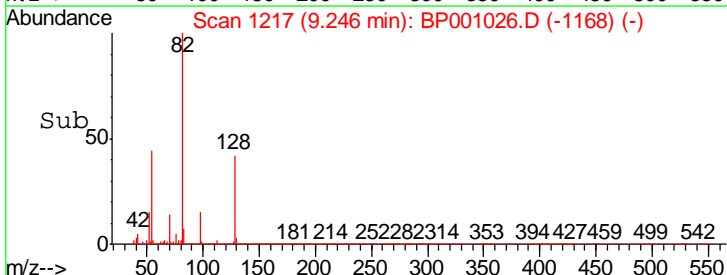
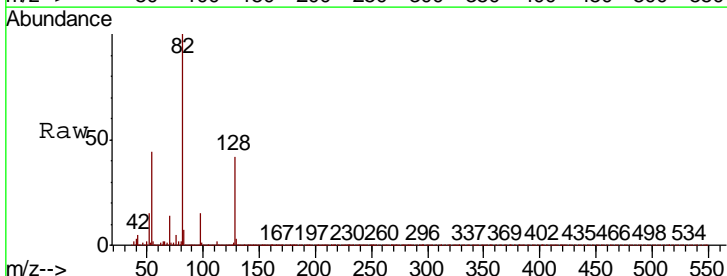
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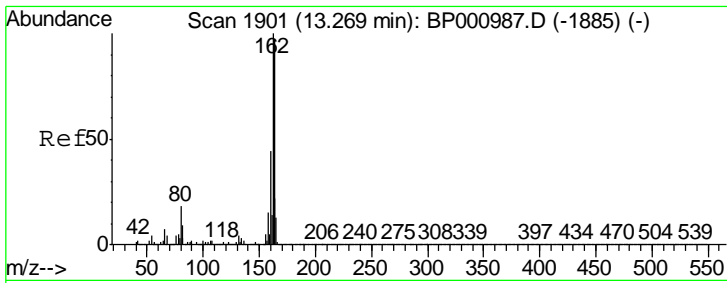
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#23
 Nitrobenzene-d5
 Concen: 61.912 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
82	100		
128	41.8	35.3	52.9
54	43.6	34.3	51.5



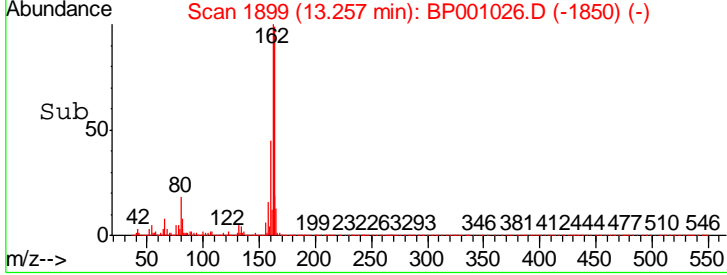
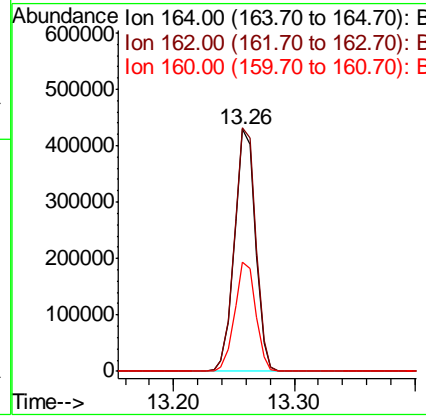
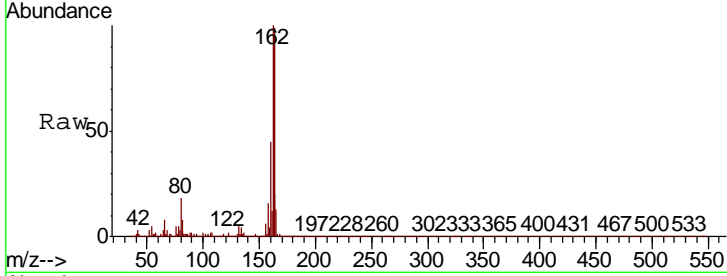


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

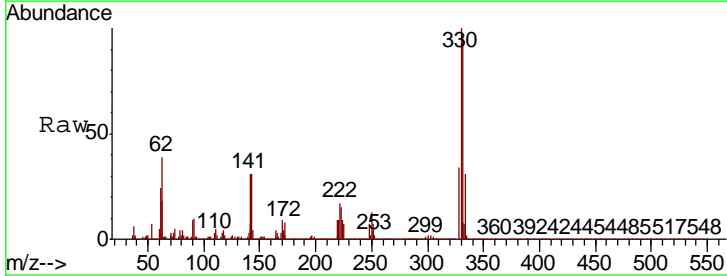
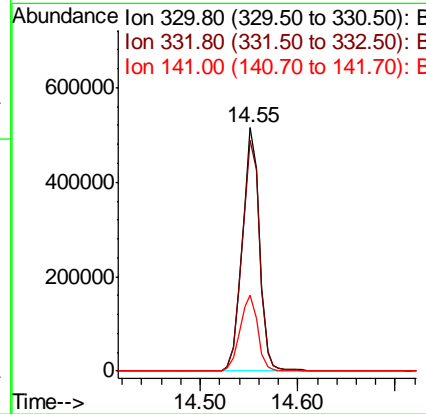
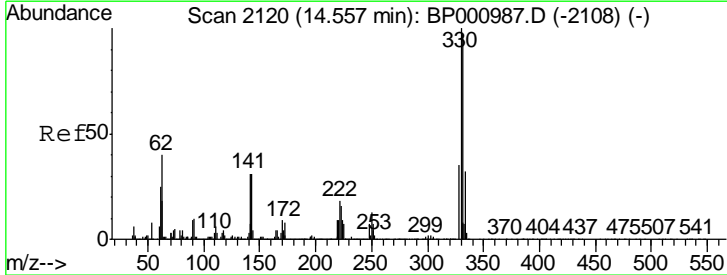
Tgt Ion	Resp	Lower	Upper
164	518876		
162	100	82.6	123.8
160	45.2	36.5	54.7

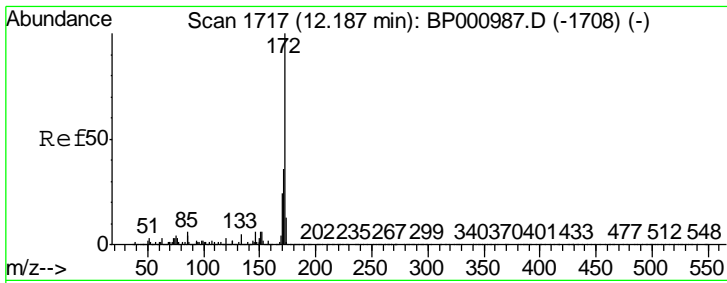
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#42
 2,4,6-Tribromophenol
 Concen: 101.841 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
330	630821		
332	100	78.3	117.5
141	97.4	25.0	37.4





#45
 2-Fluorobiphenyl
 Concen: 57.693 ng
 RT: 12.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

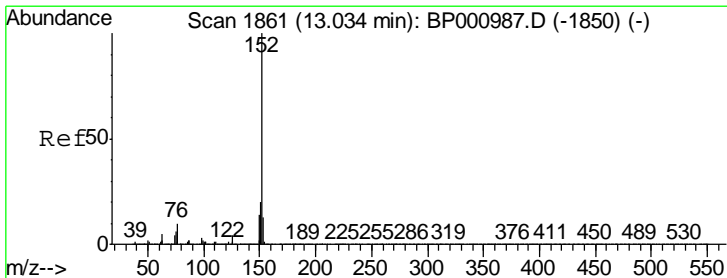
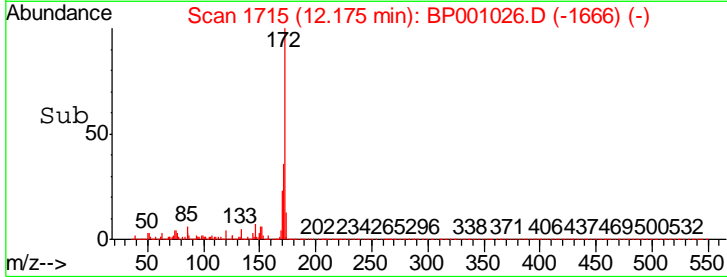
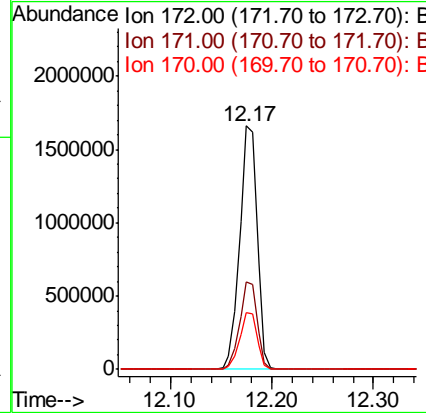
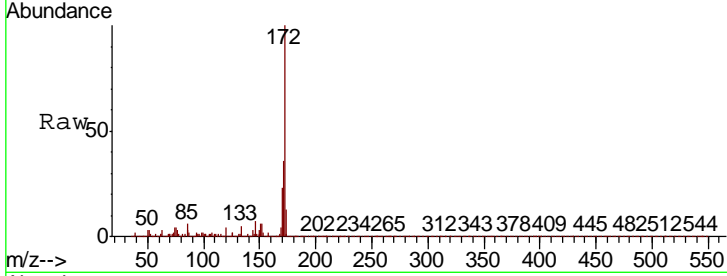
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 AOC-7-WEST-OUTFALL-(10)

Tgt Ion:172 Resp: 1987621

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	18.9	28.3

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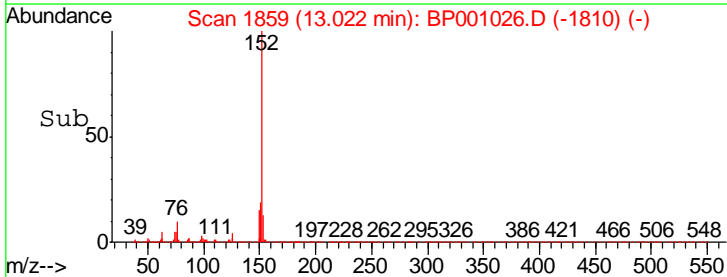
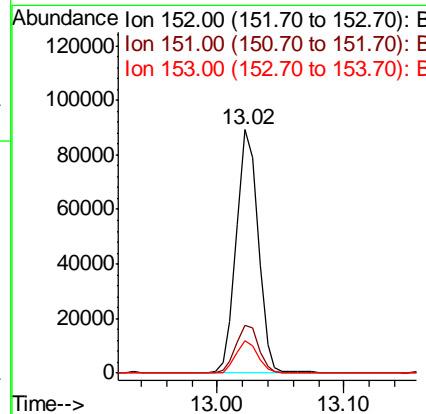
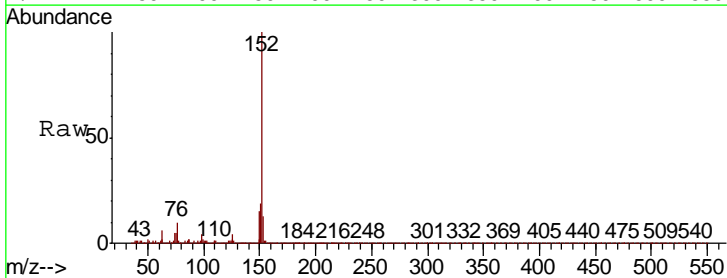
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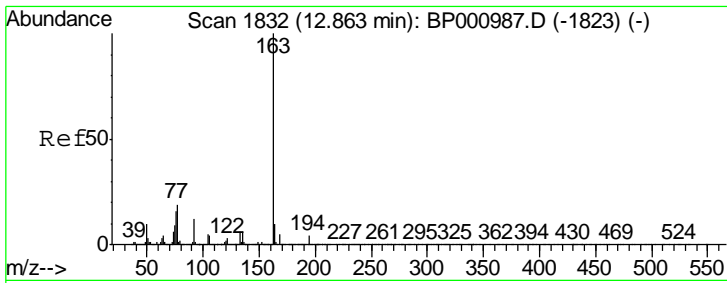


#49
 Acenaphthylene
 Concen: 2.246 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion:152 Resp: 106621

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.1	10.6	16.0





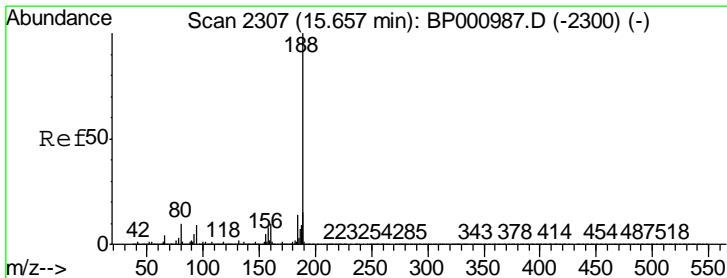
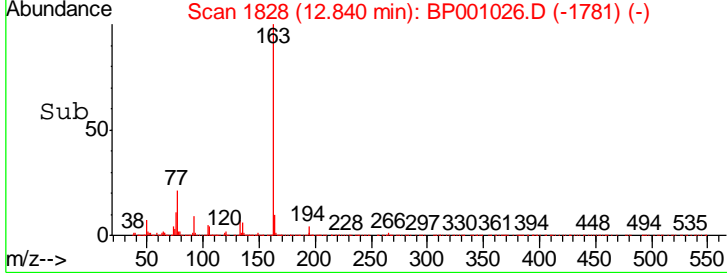
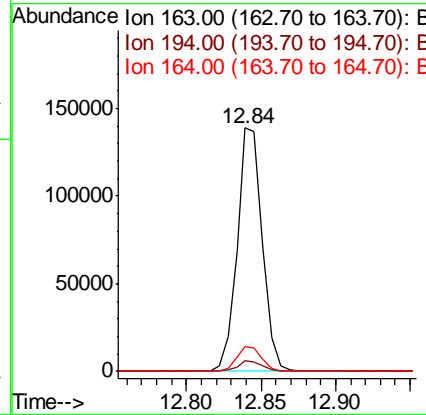
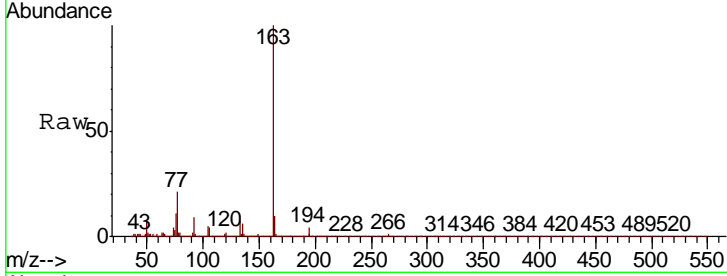
#50
 Dimethylphthalate
 Concen: 4.247 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
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Tgt Ion	Resp	Lower	Upper
163	162936		
194	4.3	3.4	5.2
164	10.3	7.9	11.9

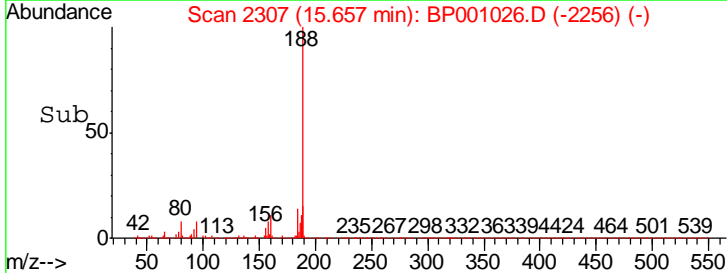
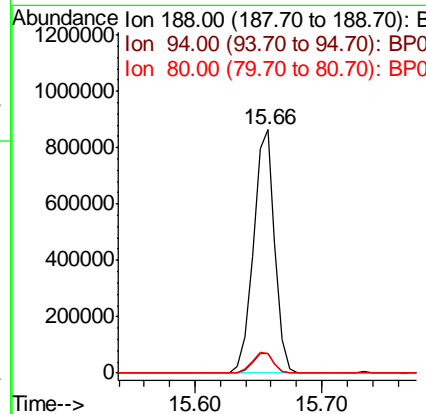
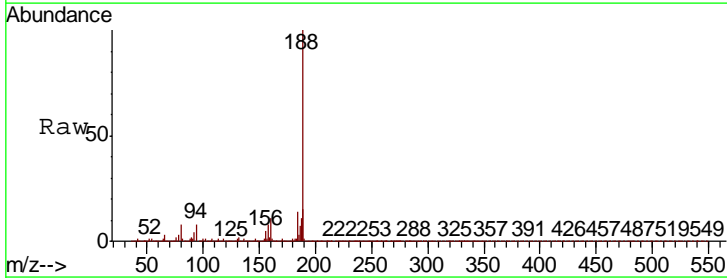
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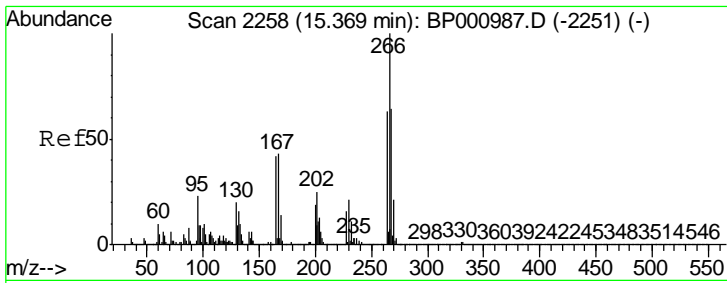
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
188	1000511		
94	7.8	7.4	11.2
80	7.9	7.9	11.9#





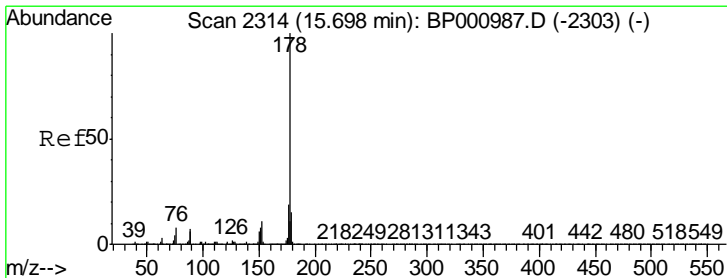
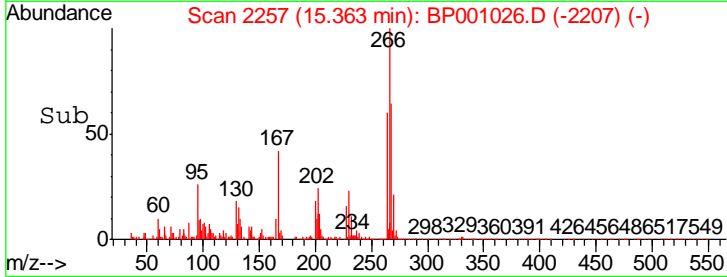
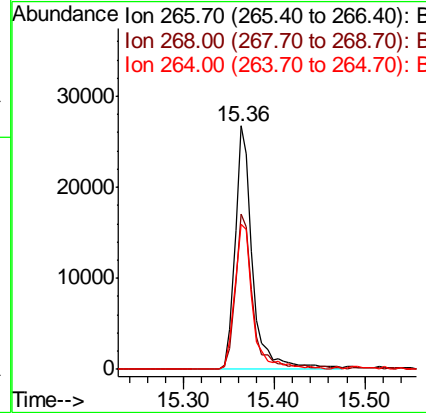
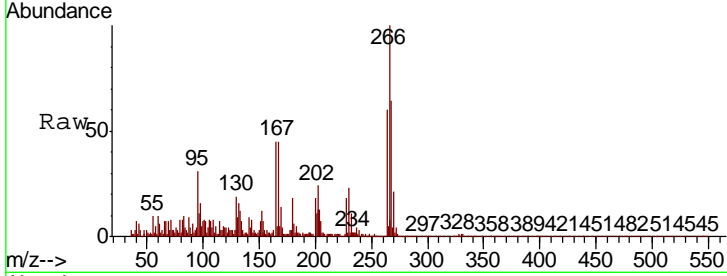
#70
 Pentachlorophenol
 Concen: 5.909 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
266	100		
268	63.7	50.9	76.3
264	59.6	50.6	76.0

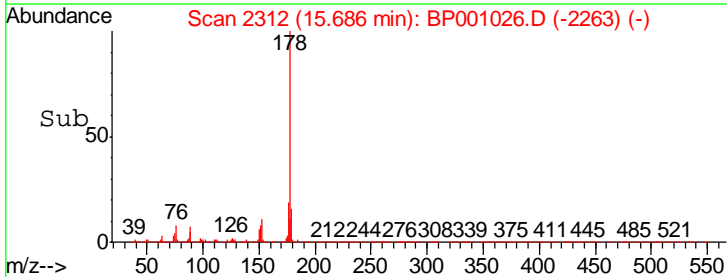
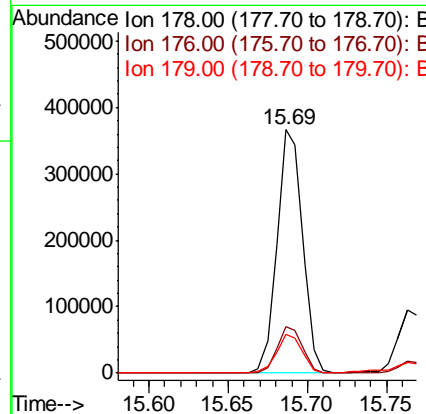
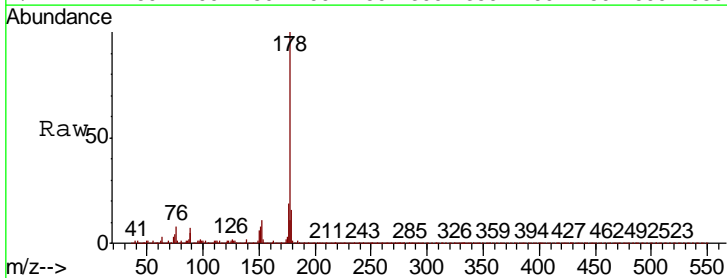
Manual Integrations
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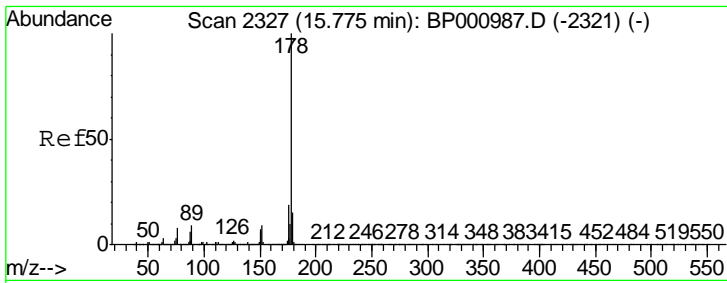
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#71
 Phenanthrene
 Concen: 8.018 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.8	12.3	18.5





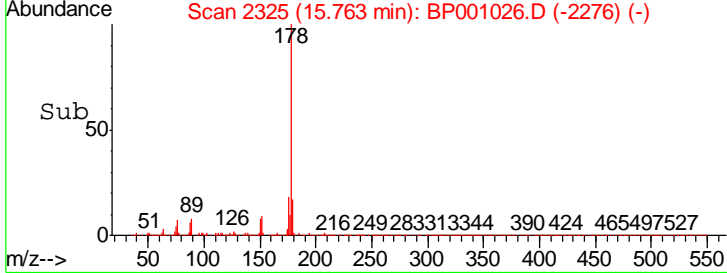
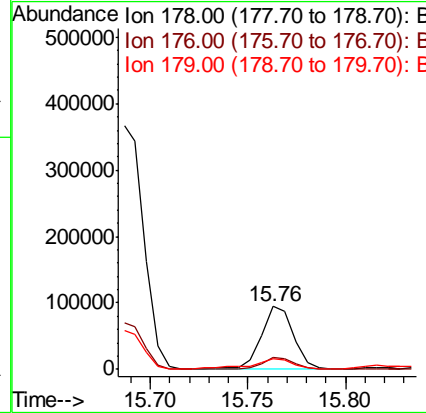
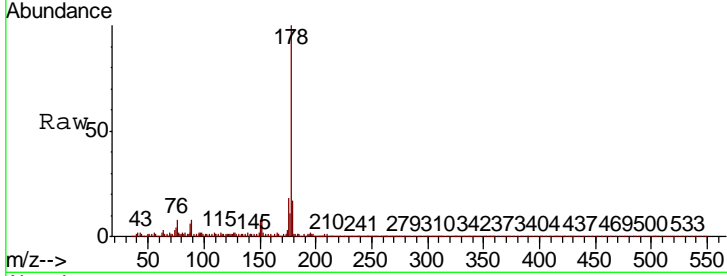
#72
 Anthracene
 Concen: 2.140 ng
 RT: 15.76 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
Client Sampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
178	106877		
176	18.2	15.1	22.7
179	17.2	12.3	18.5

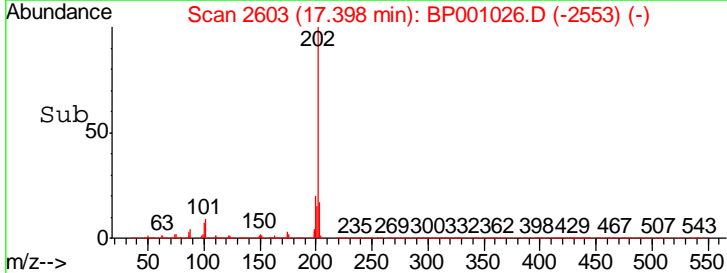
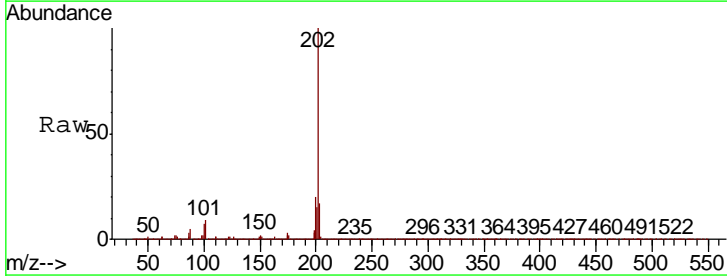
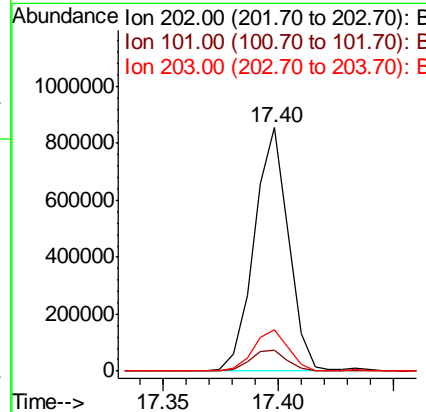
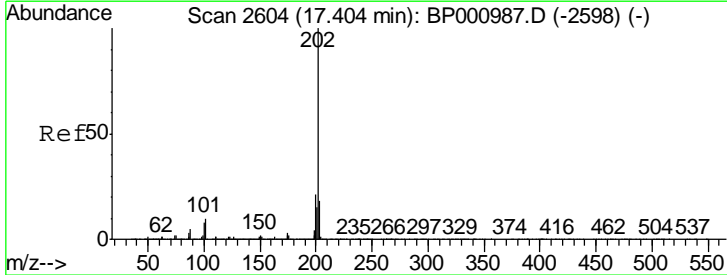
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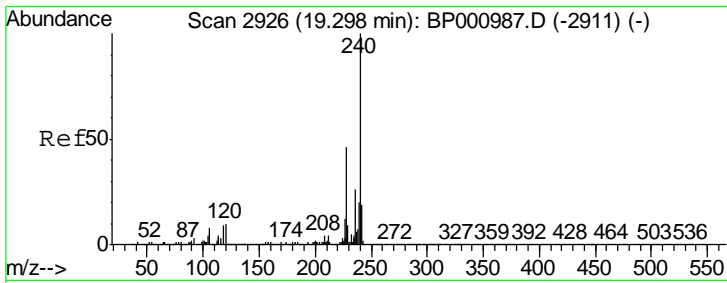
mohammad
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#75
 Fluoranthene
 Concen: 15.277 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
202	884235		
101	8.7	0.0	30.1
203	16.8	0.0	37.7



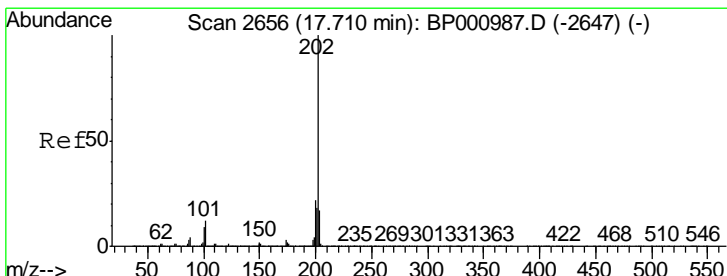
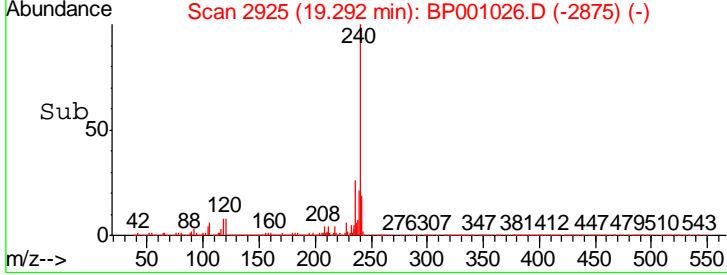
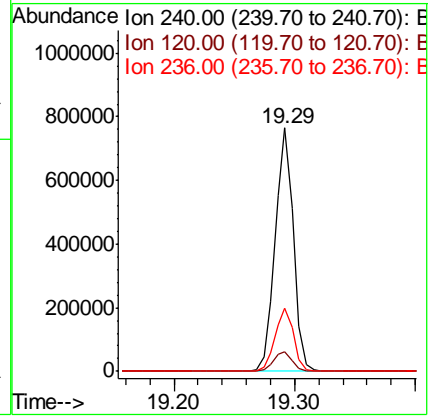
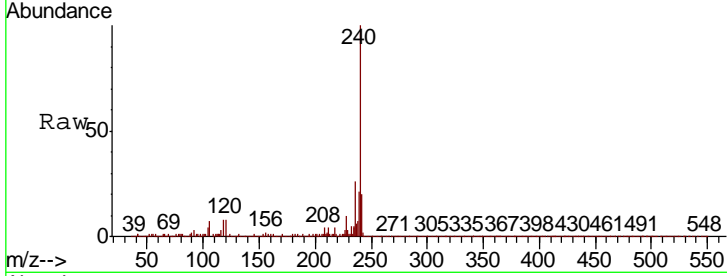


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
Client Sampled :
 AOC-7-WEST-OUTFALL-(10)

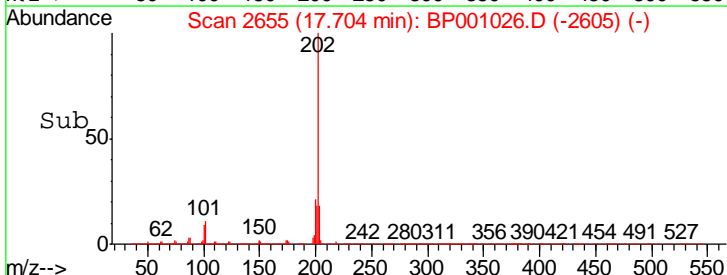
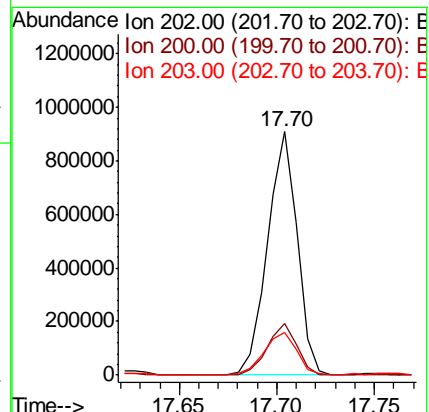
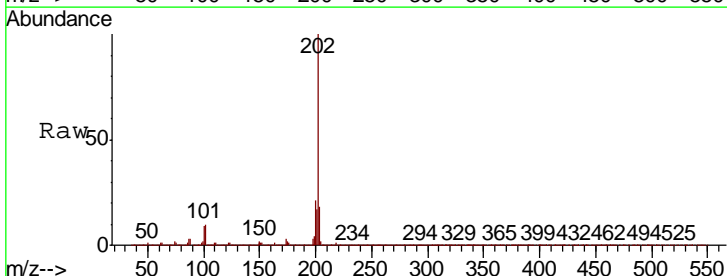
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	26.0	20.5	30.7

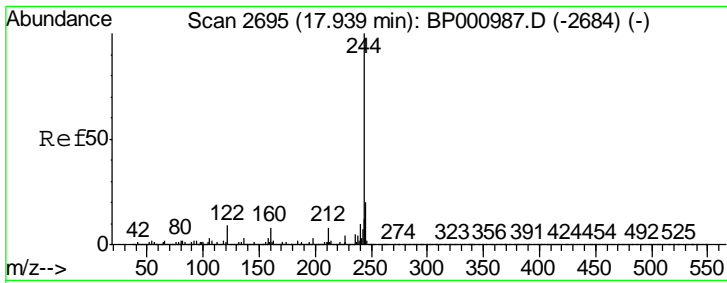
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#78
 Pyrene
 Concen: 16.836 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.7	14.0	21.0





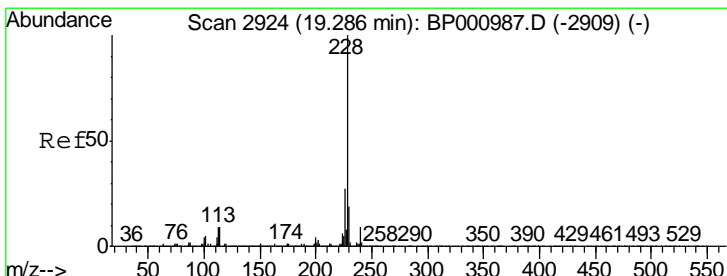
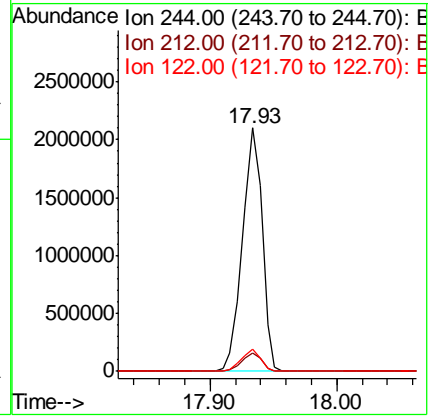
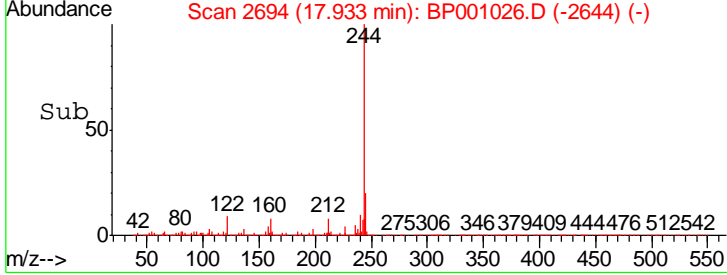
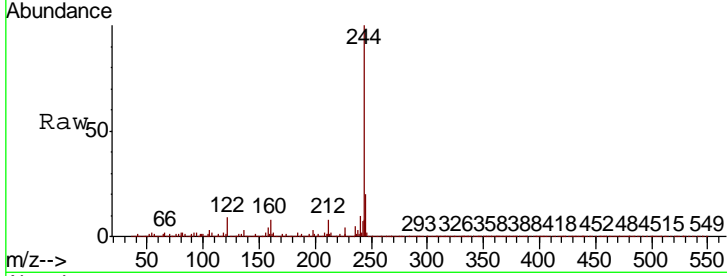
#79
 Terphenyl-d14
 Concen: 55.649 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion: 244 Resp: 2243875

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.0	7.4	11.2

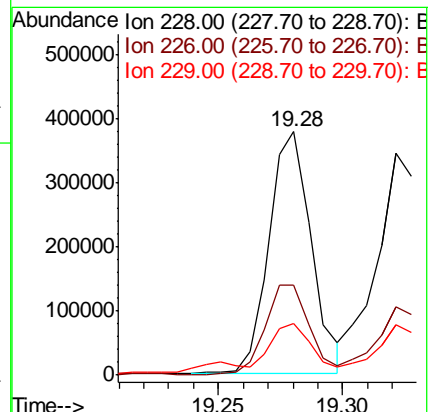
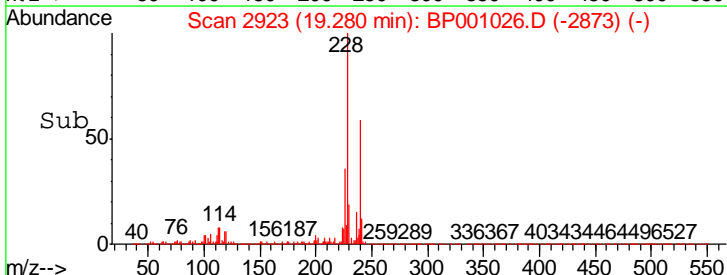
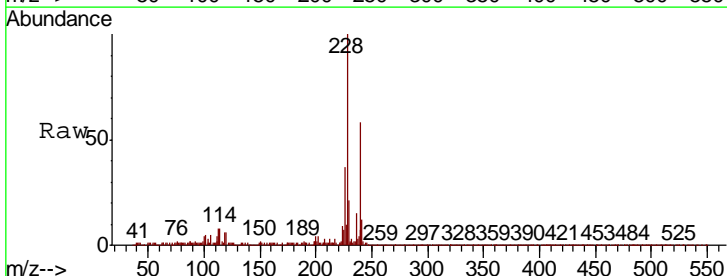
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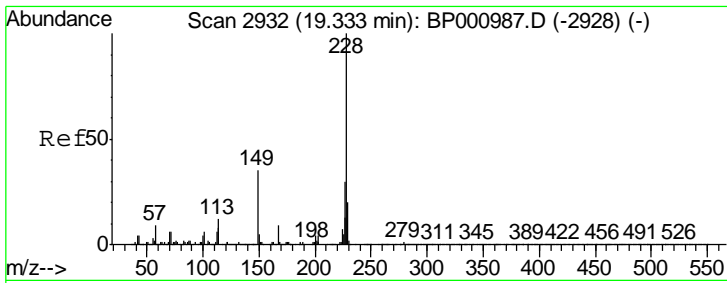


#81
 Benzo(a)anthracene
 Concen: 8.266 ng m
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion: 228 Resp: 446496

Ion	Ratio	Lower	Upper
228	100		
226	36.8	21.8	32.8#
229	21.0	15.6	23.4





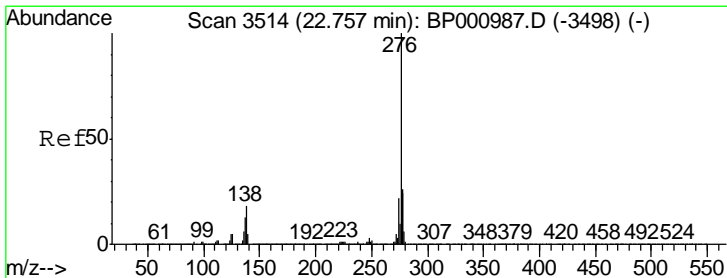
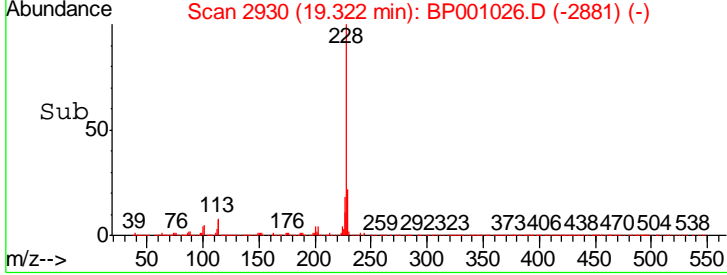
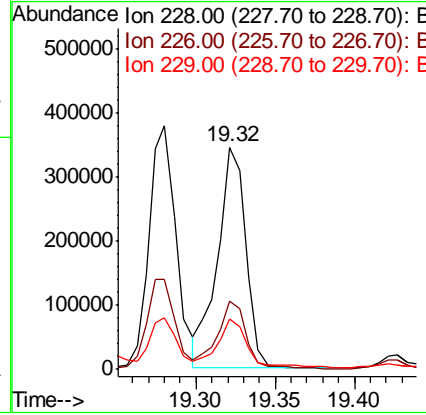
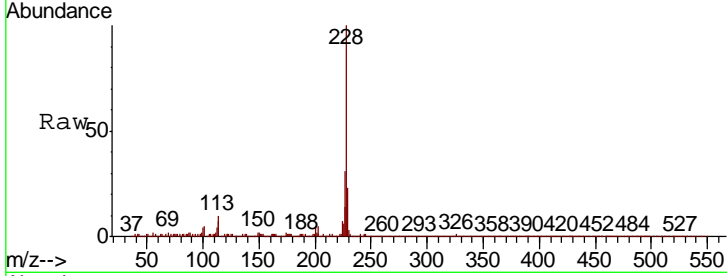
#83
 Chrysene
 Concen: 9.069 ng
 RT: 19.32 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
 ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	22.6	15.8	23.6

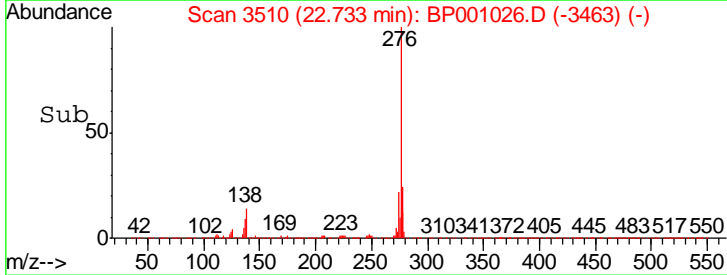
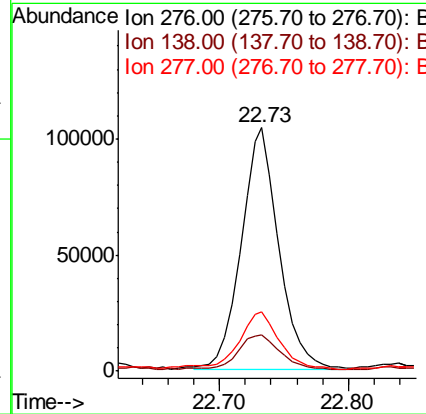
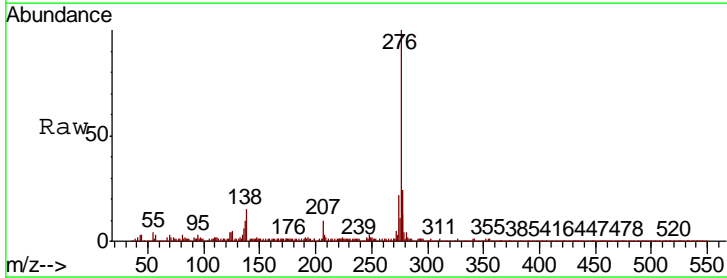
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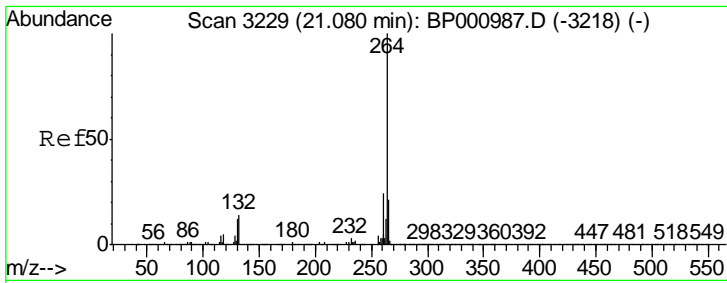
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.290 ng m
 RT: 22.73 min Scan# 3510
 Delta R.T. -0.02 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
276	100		
138	4.0	17.6	26.4#
277	4.6	20.2	30.4#





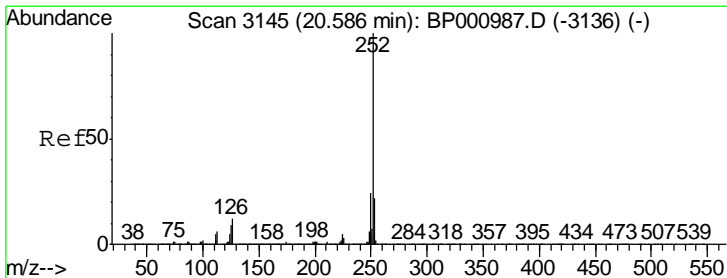
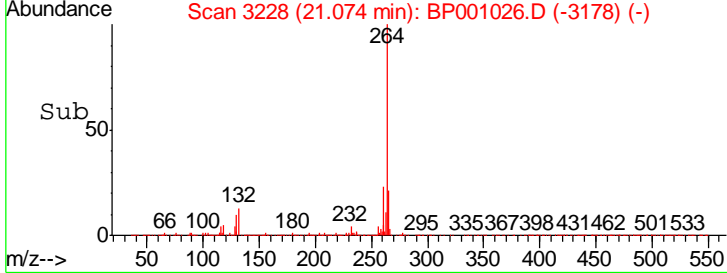
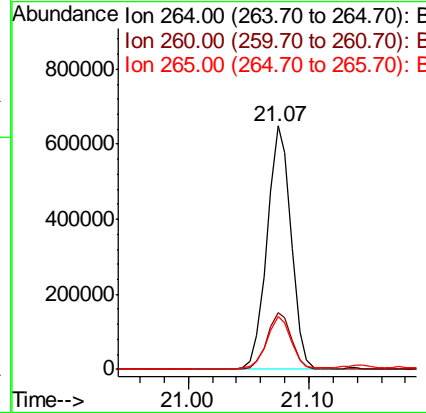
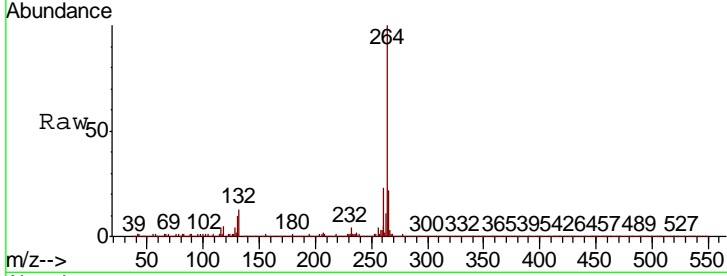
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
 ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.1	25.7

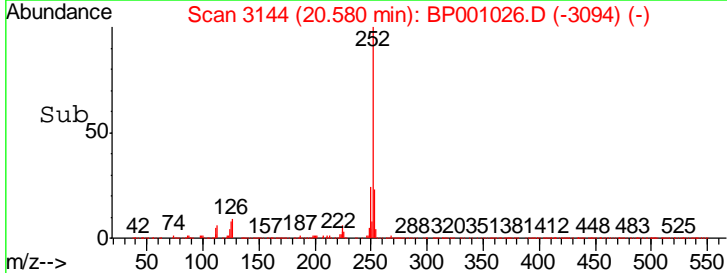
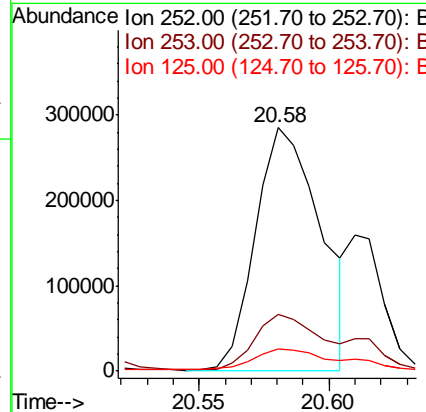
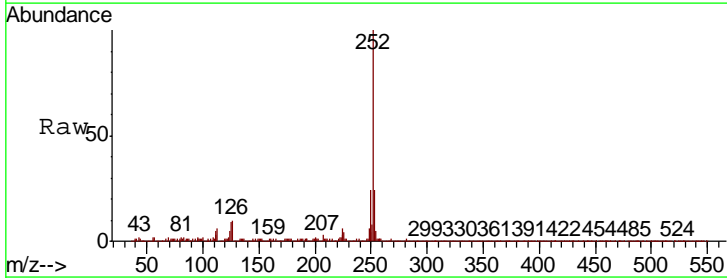
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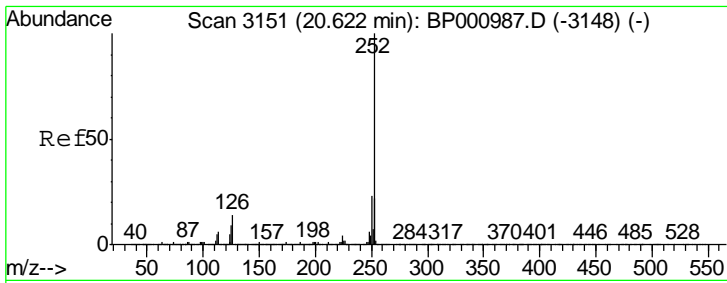
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#88
 Benzo(b)fluoranthene
 Concen: 9.349 ng m
 RT: 20.58 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	9.1	7.3	10.9





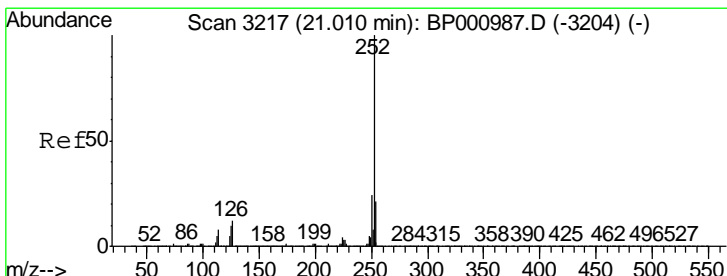
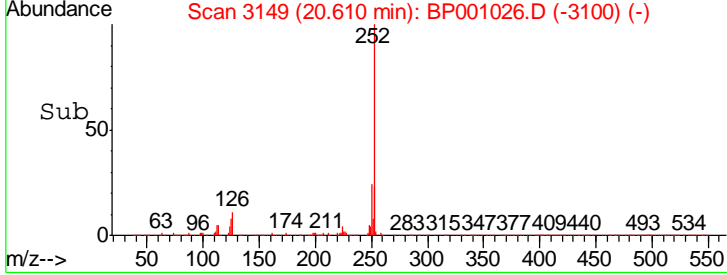
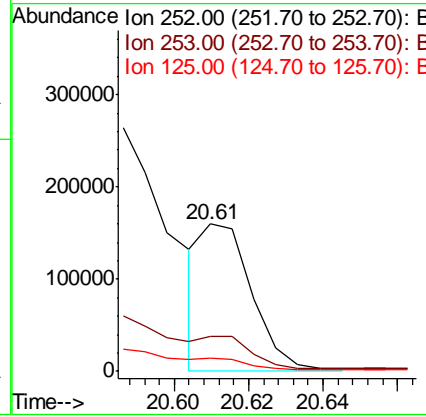
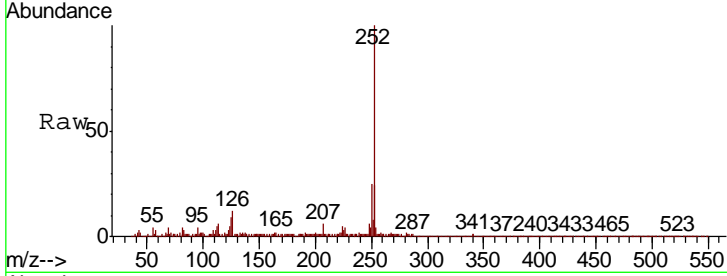
#89
 Benzo(k)fluoranthene
 Concen: 3.059 ng m
 RT: 20.61 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
Client Sampled :
 AOC-7-WEST-OUTFALL-(10)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	8.9	7.3	10.9

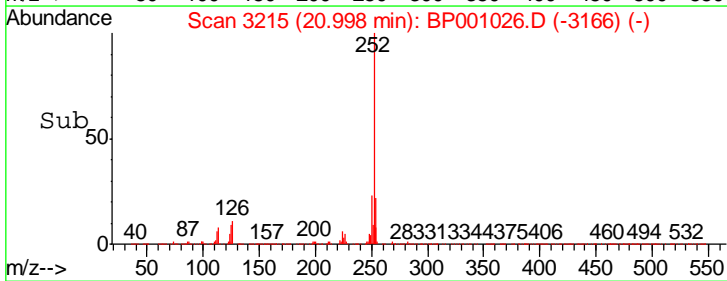
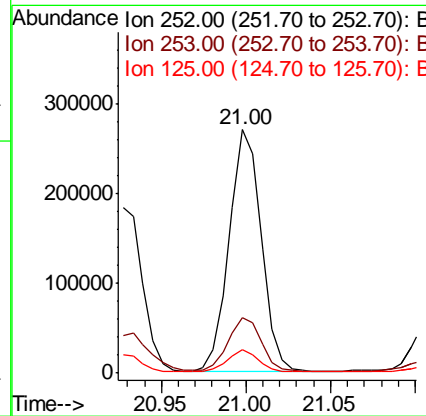
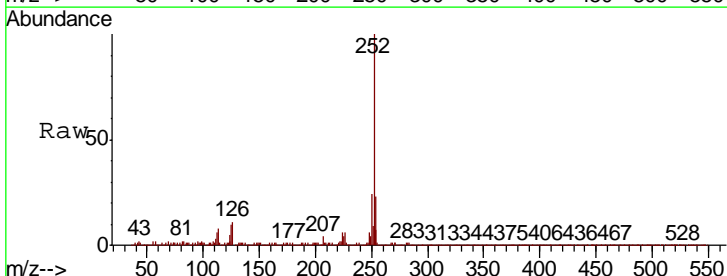
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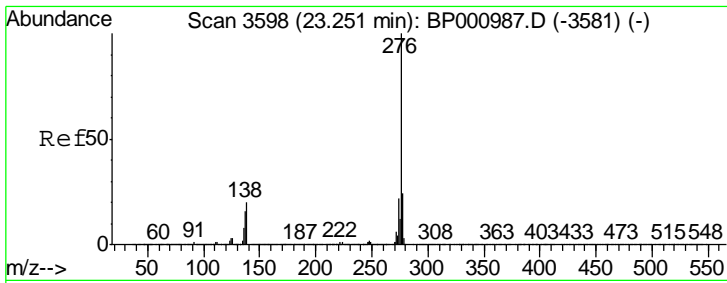
mohammad
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#90
 Benzo(a)pyrene
 Concen: 7.292 ng
 RT: 21.00 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.7	7.6	11.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.882 ng
 RT: 23.23 min Scan# 3594
 Delta R.T. -0.02 min
 Lab File: BP001026.D
 Acq: 11 Nov 2019 20:11

Instrument :
 BNA_P
ClientSampled :
 AOC-7-WEST-OUTFALL-(10)

Tot Ion	Ion	Ratio	Lower	Upper
194703	276	100		
	277	24.2	19.0	28.4
	138	17.0	15.7	23.5

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