

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002908.D
 Acq On : 05 Aug 2020 12:23
 Operator : CG/JU
 Sample : L3541-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TL-8

Manual Integrations
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Quant Time: Aug 05 13:05:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	413415	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1639038	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1028121	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2255296	20.00	ng	0.00
76) Chrysene-d12	21.19	240	2268271	20.00	ng	0.00
86) Perylene-d12	23.46	264	2184191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2390445	88.50	ng	0.00
7) Phenol-d6	6.89	99	3069352	81.84	ng	0.00
23) Nitrobenzene-d5	8.86	82	1772502	58.57	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1339843	104.85	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4163787	55.33	ng	0.00
79) Terphenyl-d14	19.68	244	5959830	52.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.81	163	513618	6.387	ng	99
71) Phenanthrene	17.15	178	1023890	7.742	ng	98
75) Fluoranthene	19.12	202	2378315	15.609	ng	98
78) Pyrene	19.47	202	2119979	13.370	ng	99
81) Benzo(a)anthracene	21.18	228	1499008	9.702	ng	99
83) Chrysene	21.23	228	1249701	8.575	ng	97
87) Indeno(1,2,3-cd)pyrene	25.77	276	984807	5.630	ng	95
88) Benzo(b)fluoranthene	22.78	252	2022693	13.123	ng	99
89) Benzo(k)fluoranthene	22.82	252	692555m	4.754	ng	
90) Benzo(a)pyrene	23.36	252	1358952	9.758	ng	98
92) Benzo(g,h,i)perylene	26.47	276	1035592	7.193	ng	99

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

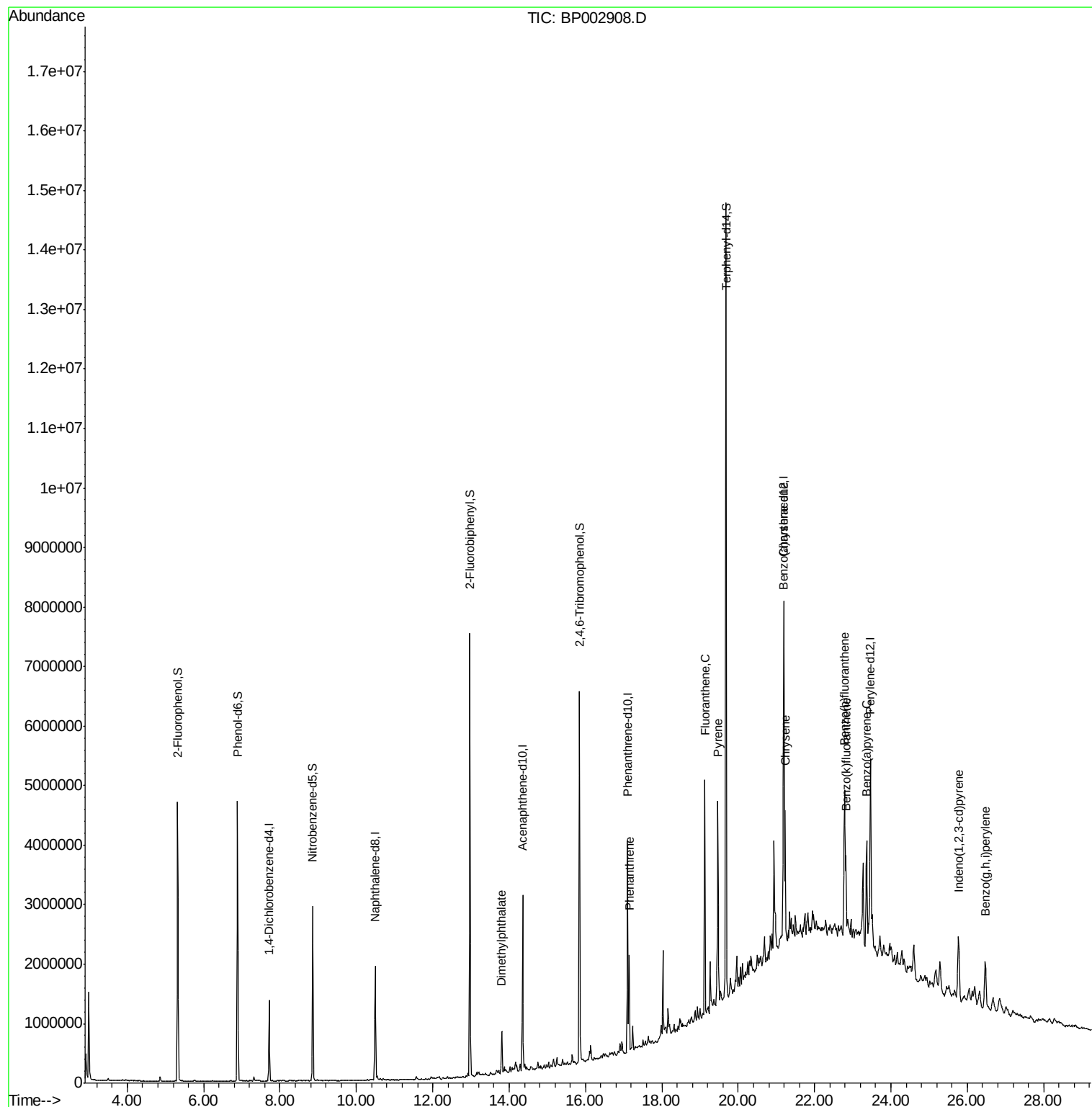
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002908.D
Acq On : 05 Aug 2020 12:23
Operator : CG/JU
Sample : L3541-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

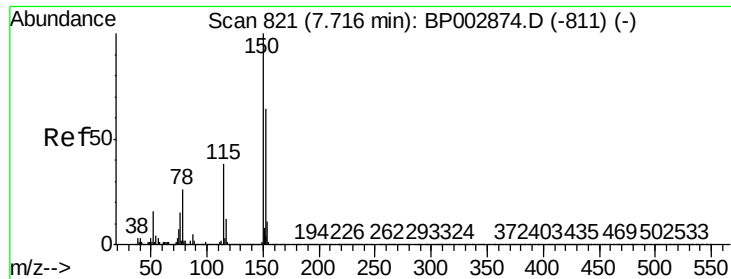
Instrument :
BNA_P
ClientSampleId :
TL-8

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Quant Time: Aug 05 13:05:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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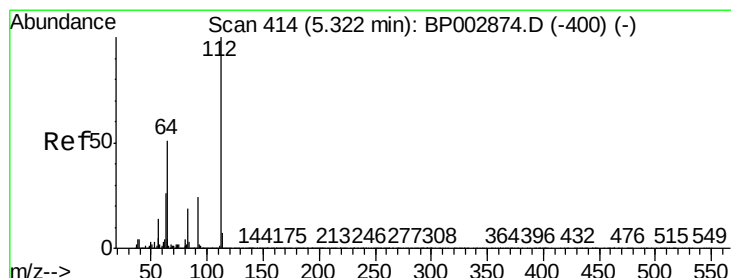
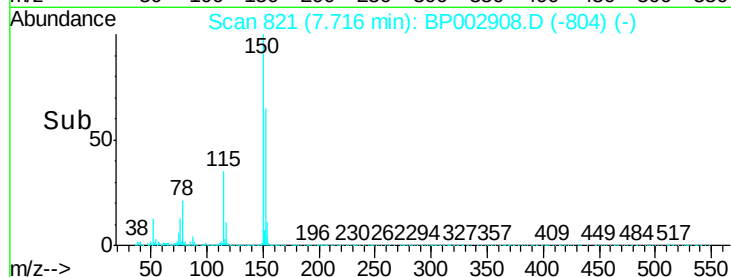
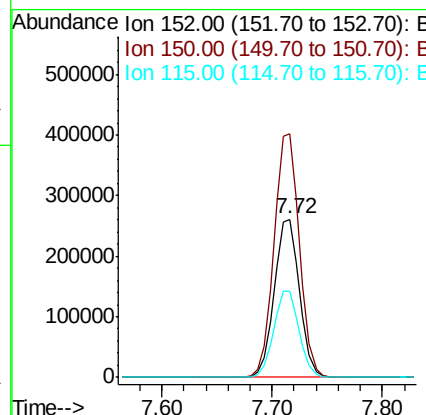
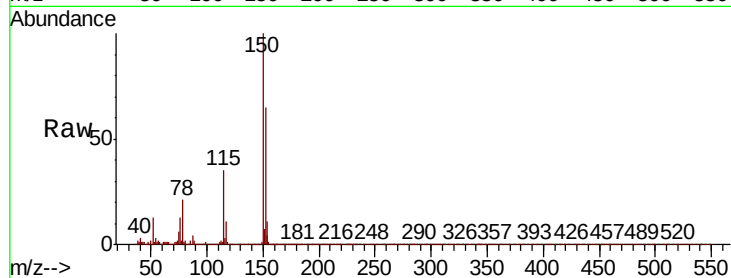
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampled :
TL-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.8	187.2
115	54.2	47.4	71.2

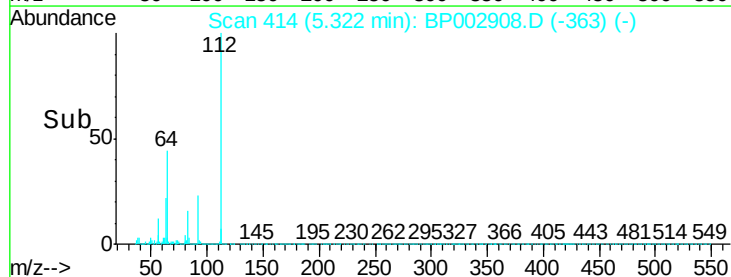
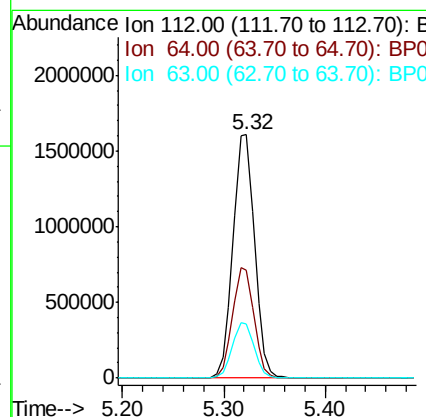
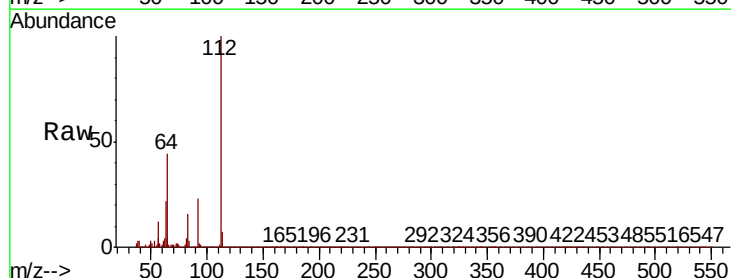
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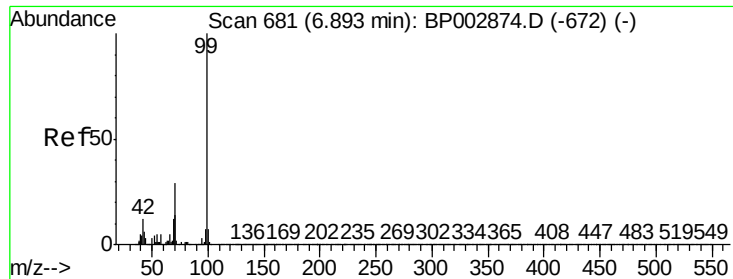
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#5
2-Fluorophenol
Concen: 88.496 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	41.0	61.6
63	22.4	20.7	31.1





#7

Phenol-d6

Concen: 81.844 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002908.D

Acq: 05 Aug 2020 12:23

Instrument :

BNA_P

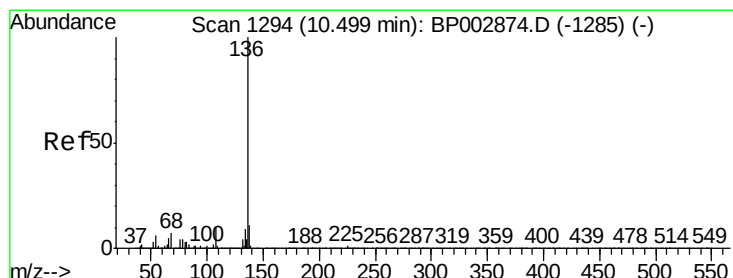
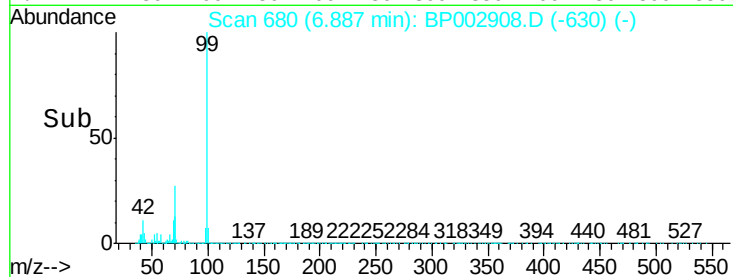
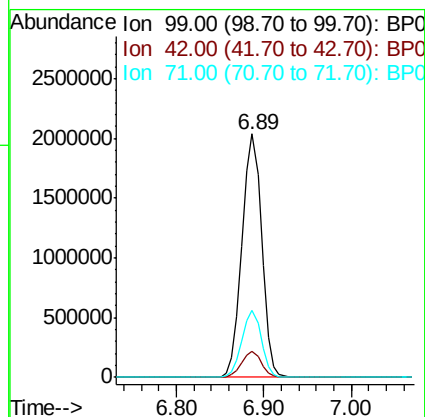
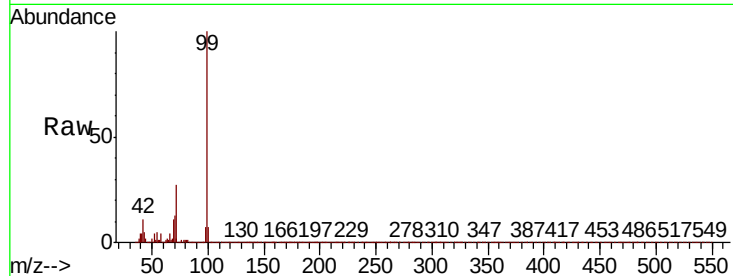
ClientSampled :

TL-8

Tot Ion:	99	Resp:	3069352
Ion	Ratio	Lower	Upper
99	100		
42	10.6	9.3	13.9
71	27.3	23.5	35.3

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#21

Naphthalene-d8

Concen: 20.000 ng

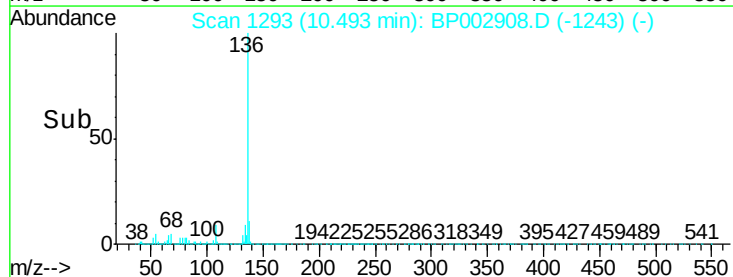
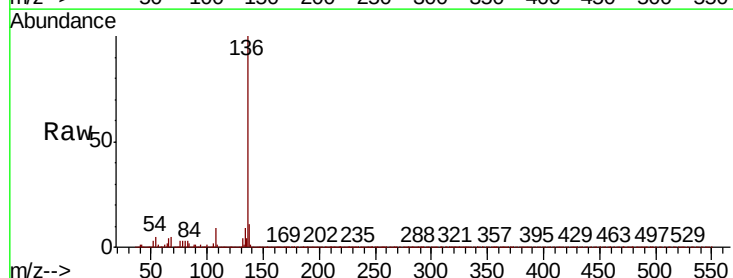
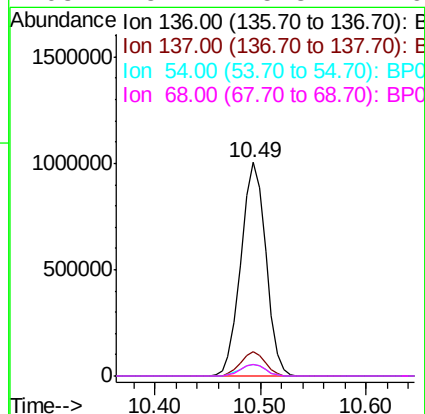
RT: 10.49 min Scan# 1293

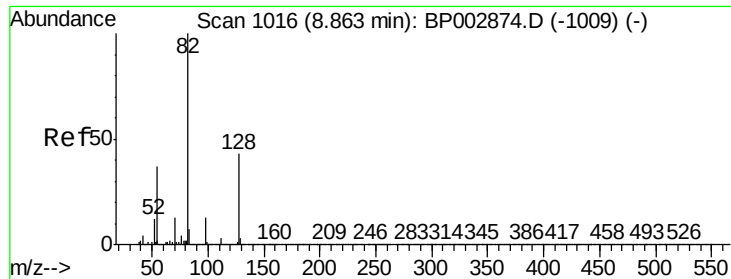
Delta R.T. -0.01 min

Lab File: BP002908.D

Acq: 05 Aug 2020 12:23

Tgt Ion:	136	Resp:	1639038
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.4	5.1	7.7
68	5.4	5.3	7.9





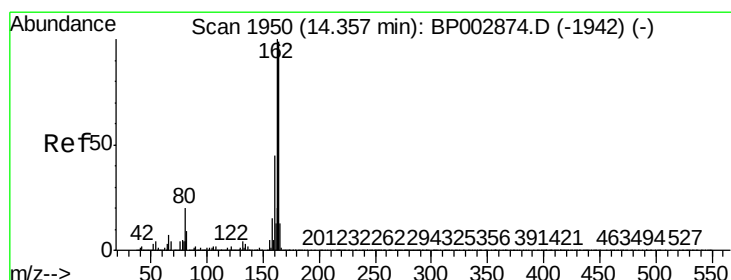
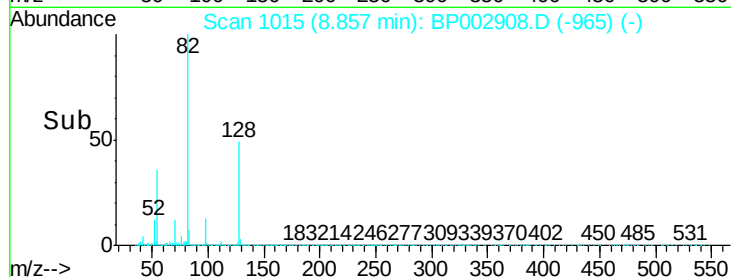
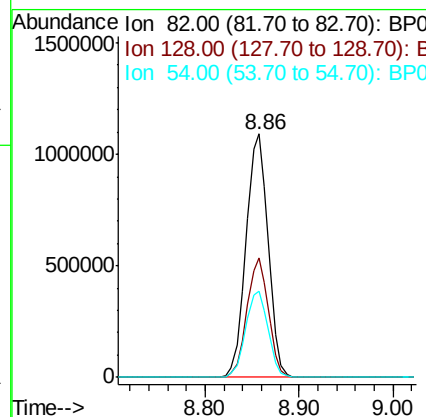
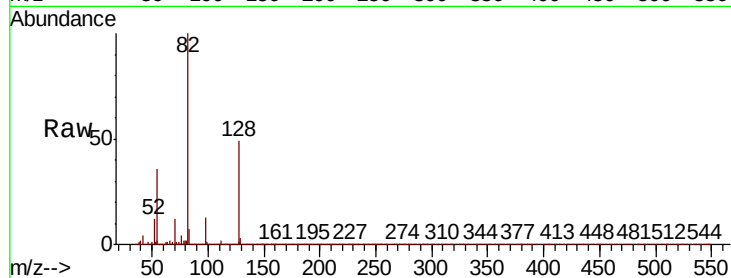
#23
 Nitrobenzene-d5
 Concen: 58.573 ng
 RT: 8.86 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Instrument :
 BNA_P
 ClientSampled :
 TL-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.6	52.0
54	35.5	29.5	44.3

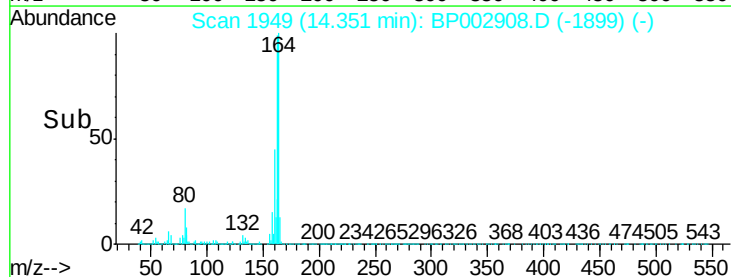
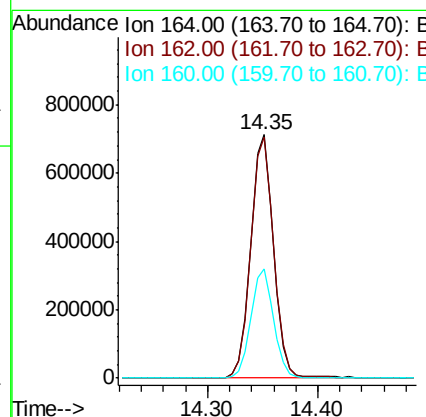
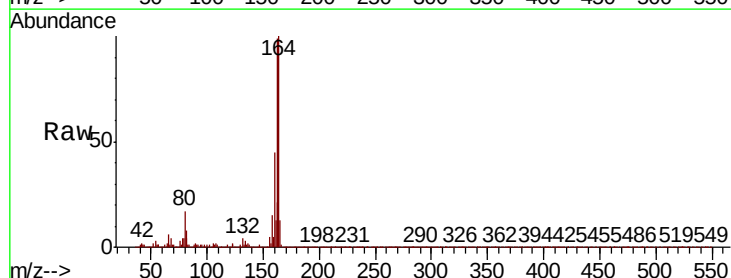
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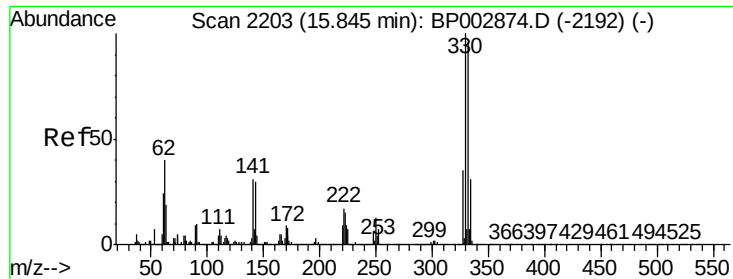
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.35 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.0	121.6
160	44.7	36.2	54.4





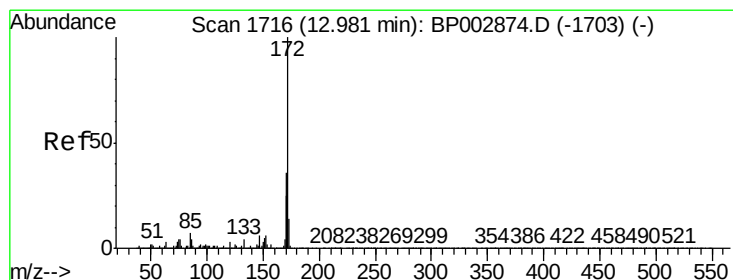
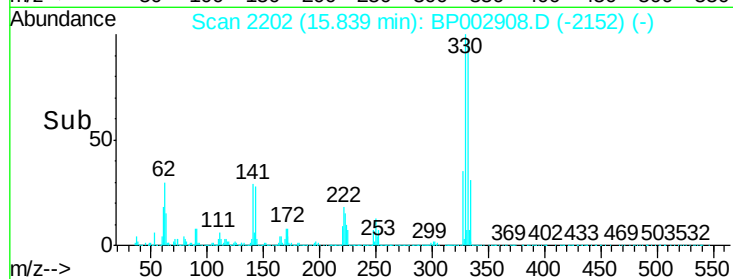
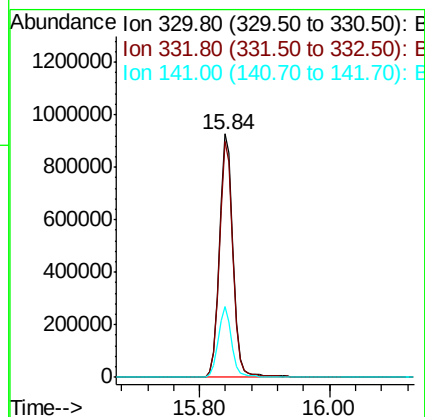
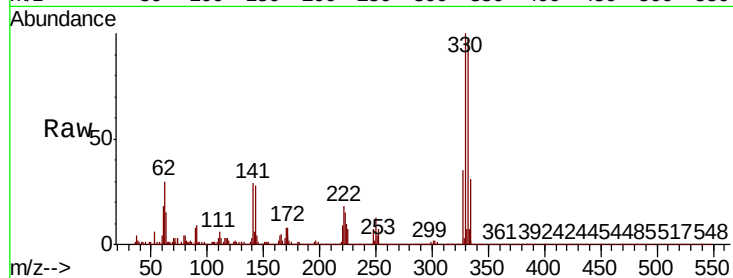
#42
2,4,6-Tribromophenol
Concen: 104.852 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampleId :
TL-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	27.5	24.6	37.0

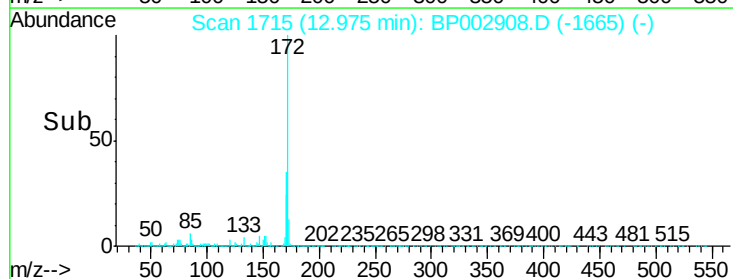
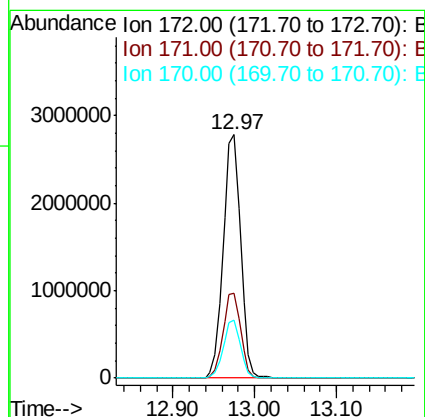
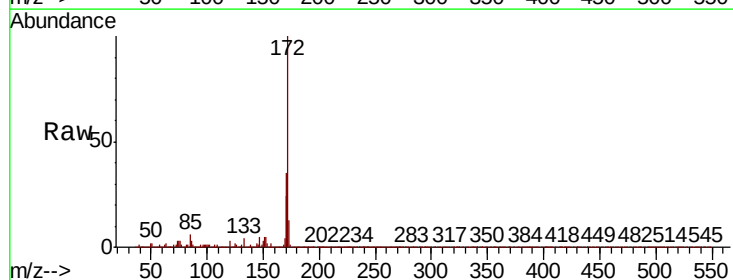
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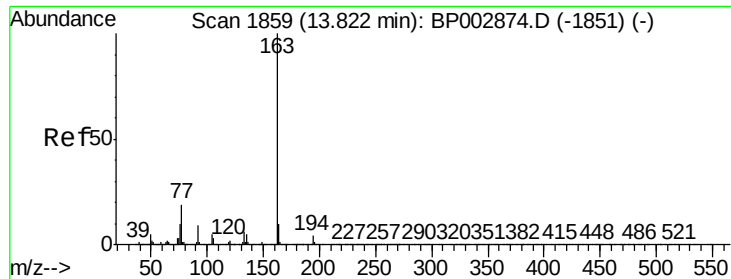
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#45
2-Fluorobiphenyl
Concen: 55.334 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.7	19.6	29.4





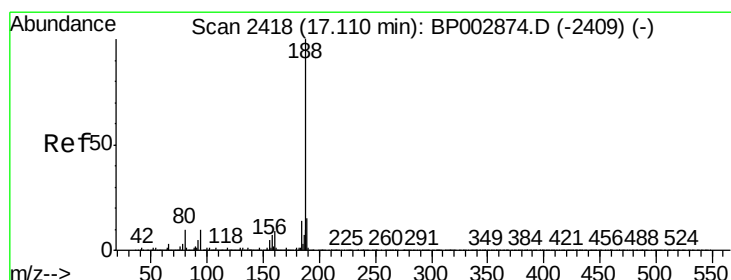
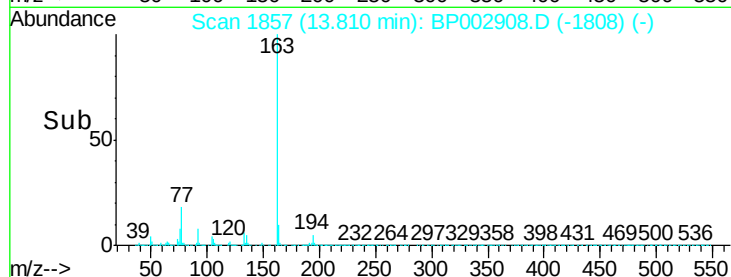
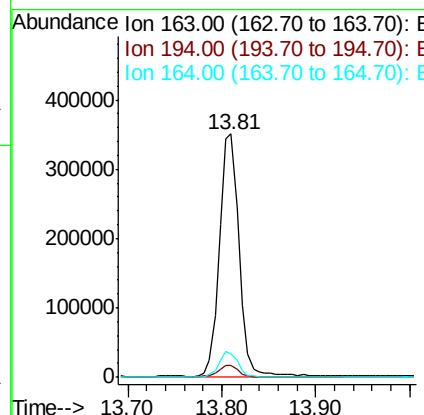
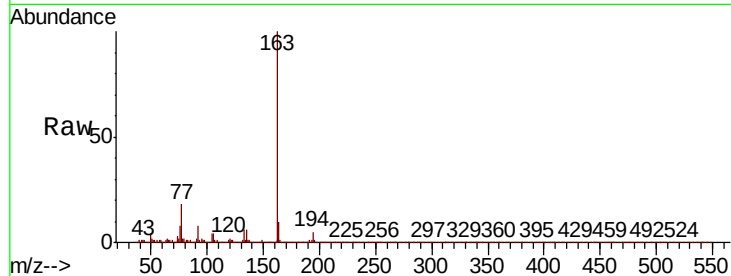
#50
Dimethylphthalate
Concen: 6.387 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampleId :
TL-8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		513618		
194	4.6		3.5	5.3	
164	9.9		8.2	12.2	

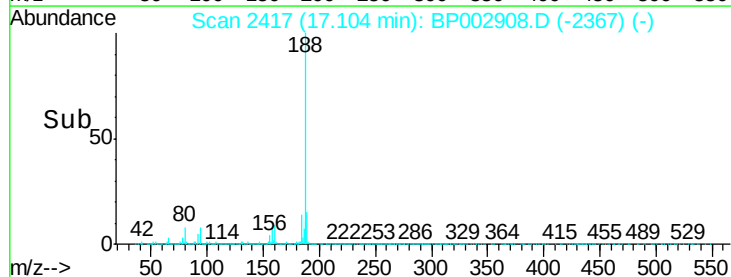
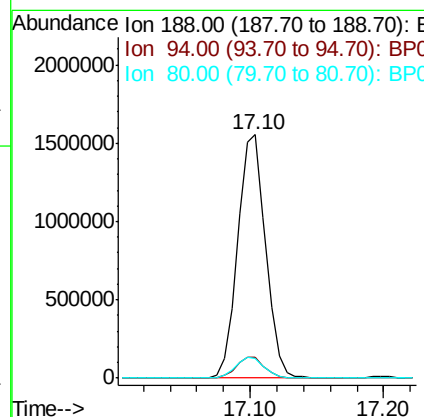
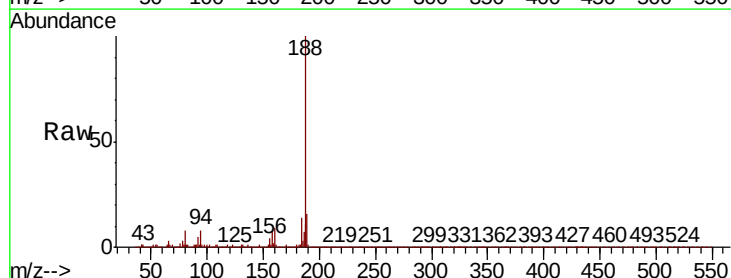
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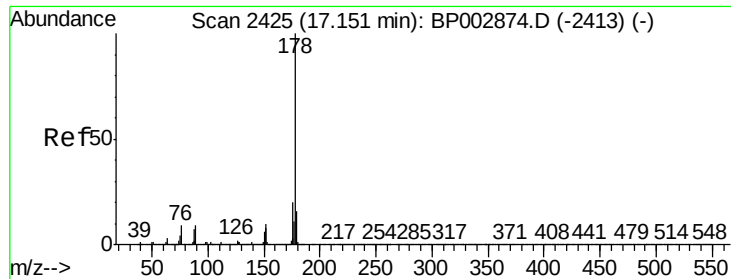
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		2255296		
94	8.4		7.8	11.6	
80	8.3		8.0	12.0	





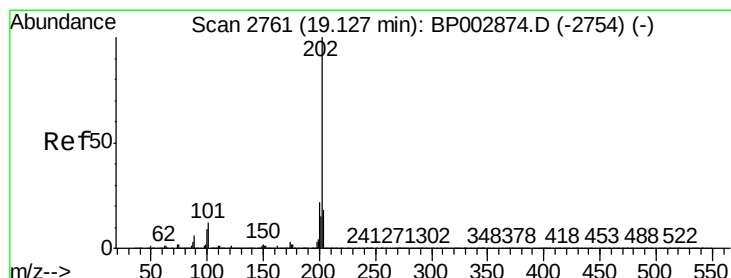
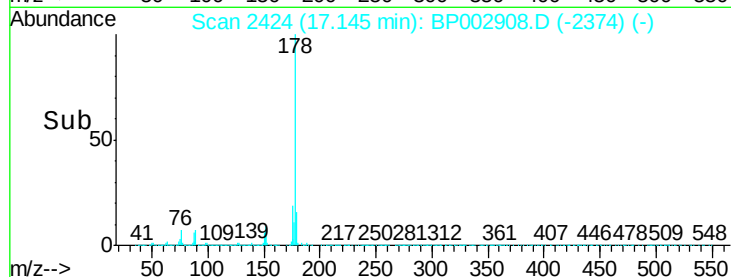
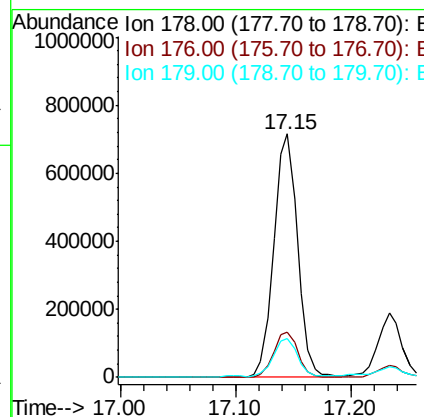
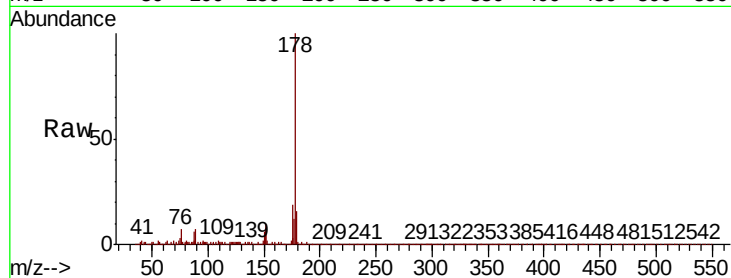
#71
Phenanthrene
Concen: 7.742 ng
RT: 17.15 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampleId :
TL-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.1	24.1
179	15.8	13.0	19.4

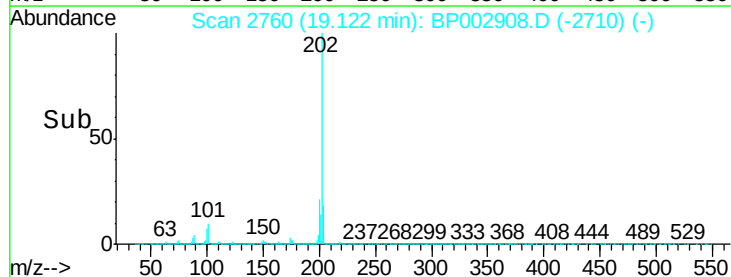
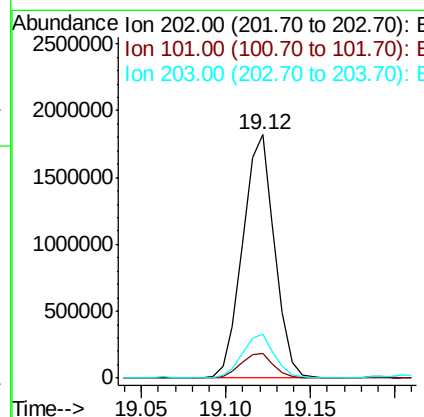
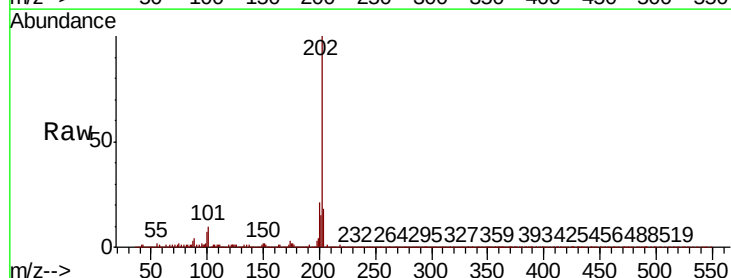
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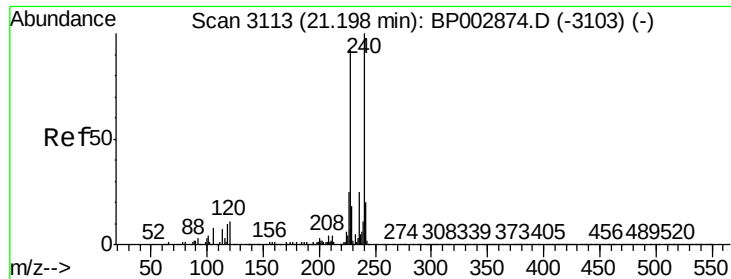
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#75
Fluoranthene
Concen: 15.609 ng
RT: 19.12 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.6
203	17.9	0.0	38.4





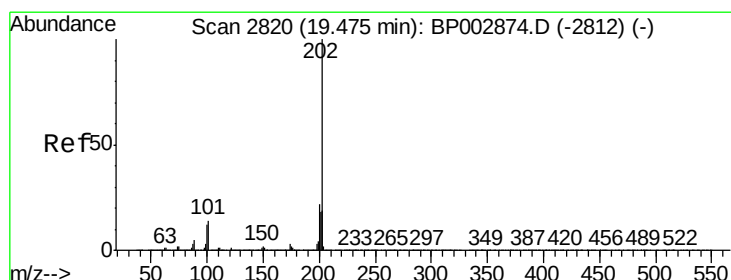
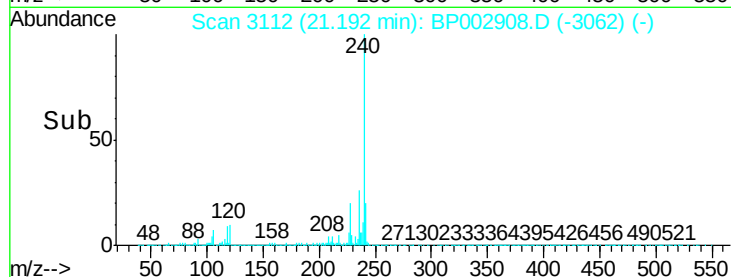
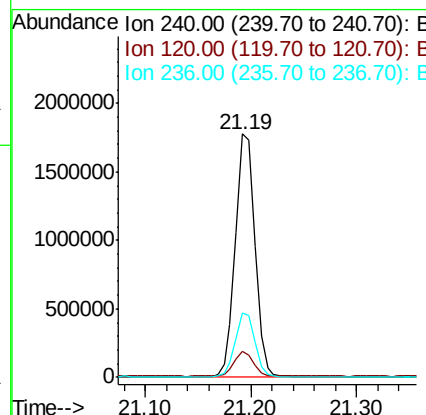
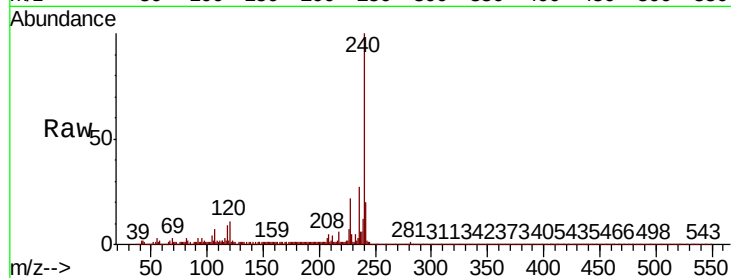
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampleId :
TL-8

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.6	20.3	30.5

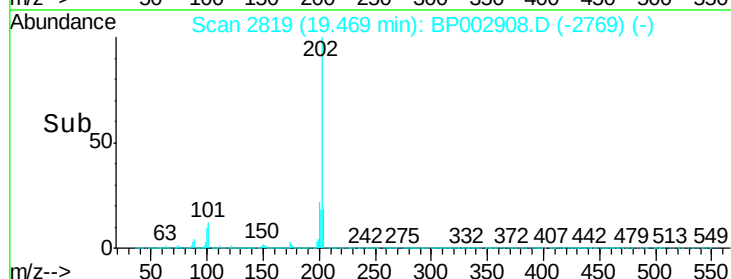
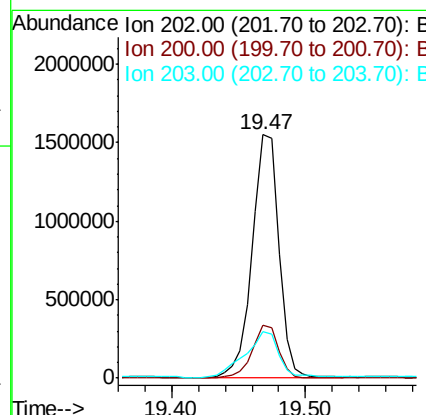
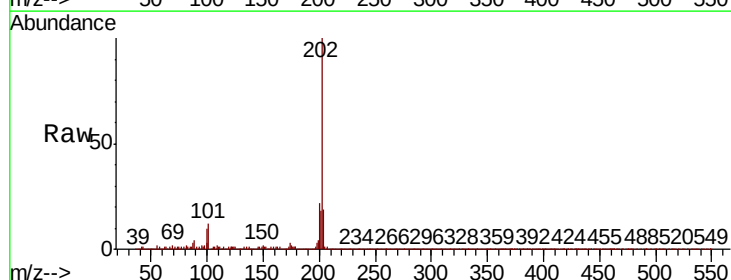
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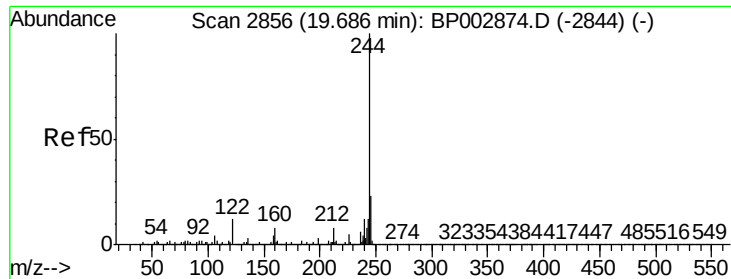
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#78
Pyrene
Concen: 13.370 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	19.1	15.1	22.7





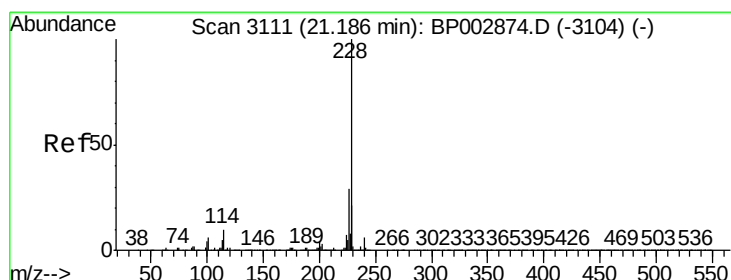
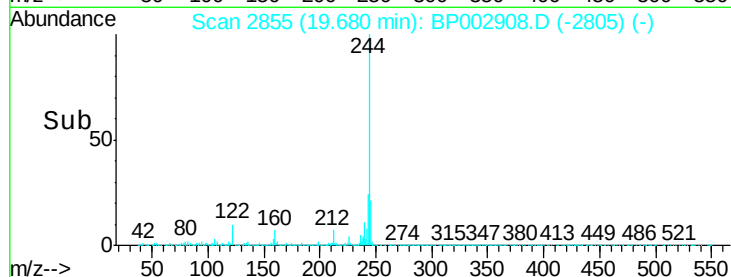
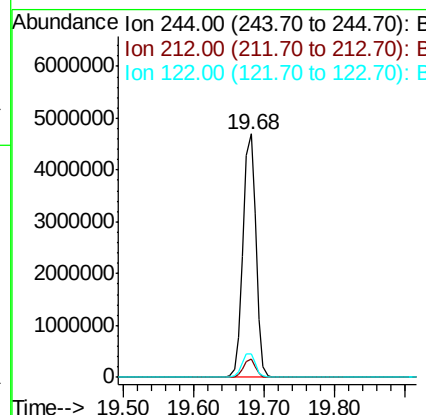
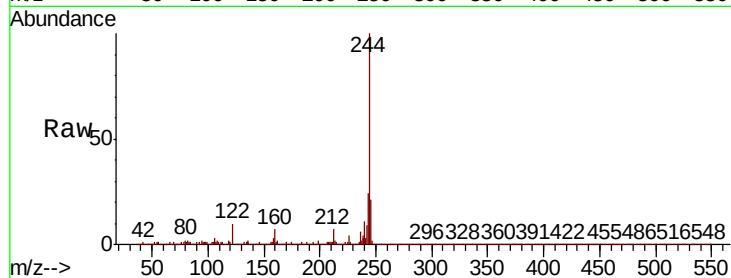
#79
 Terphenyl-d14
 Concen: 52.601 ng
 RT: 19.68 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Instrument :
 BNA_P
 ClientSampled :
 TL-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	9.7	9.4	14.2

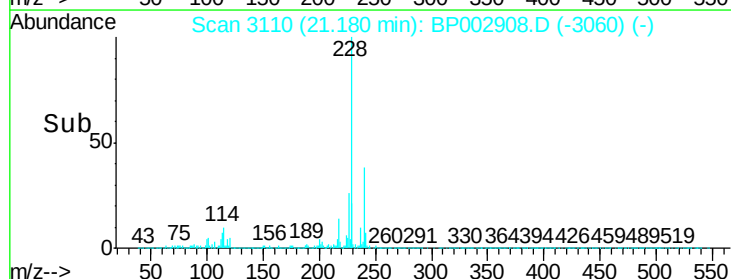
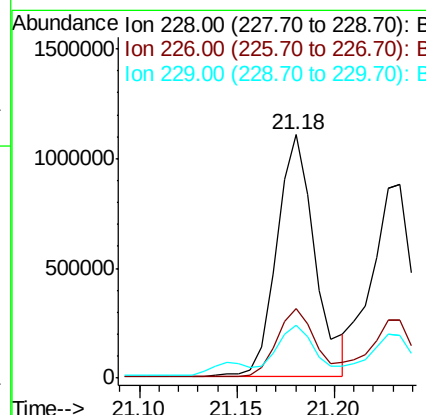
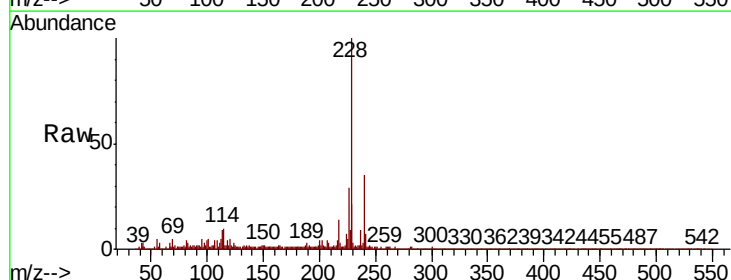
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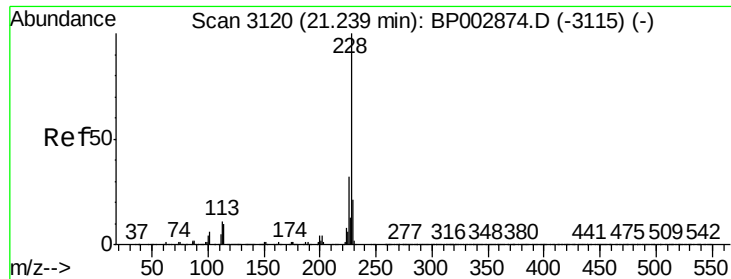
mohammad
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#81
 Benzo(a)anthracene
 Concen: 9.702 ng
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.3	34.9
229	21.5	16.9	25.3





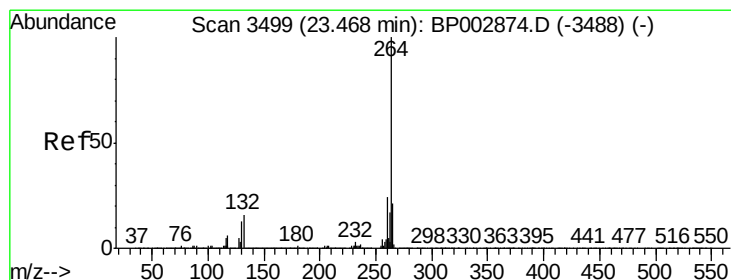
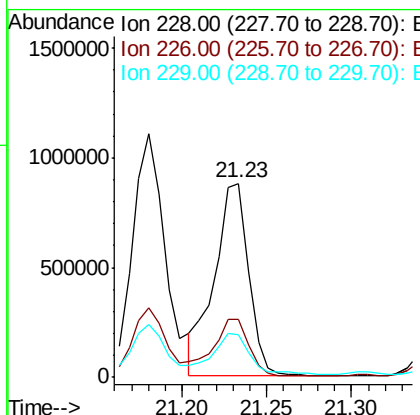
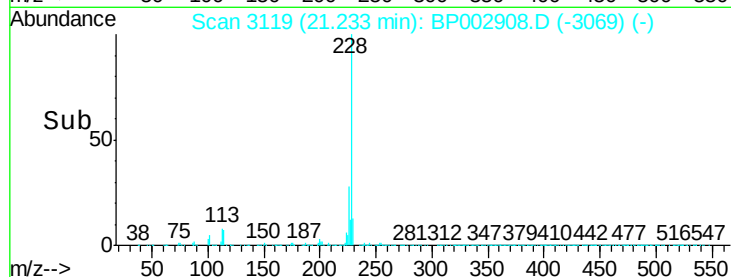
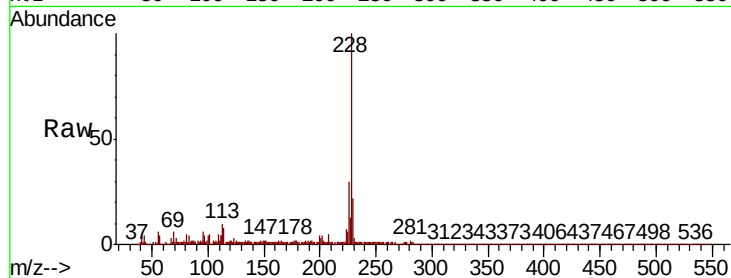
#83
Chrysene
Concen: 8.575 ng
RT: 21.23 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampled :
TL-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.5	38.3
229	22.2	16.7	25.1

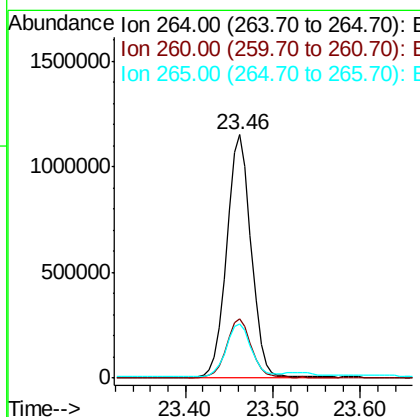
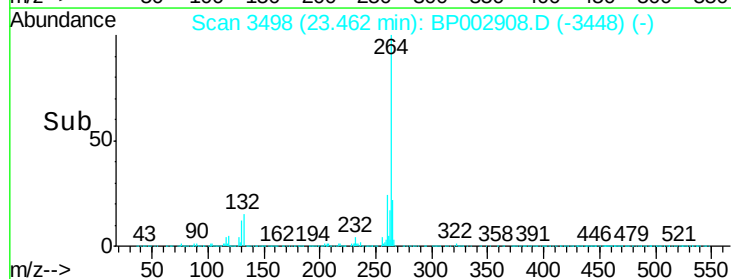
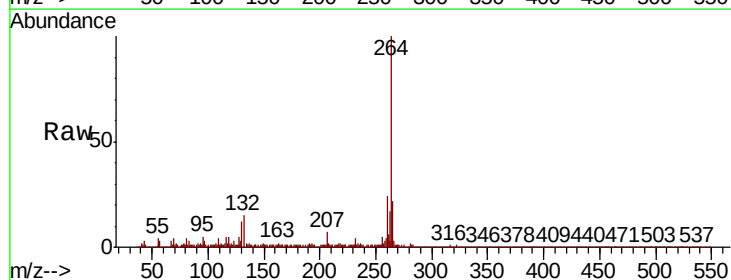
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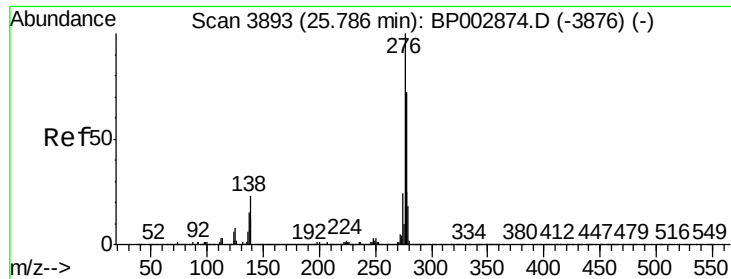
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.3	17.0	25.4





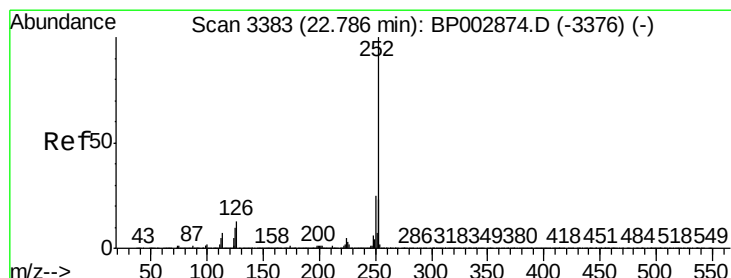
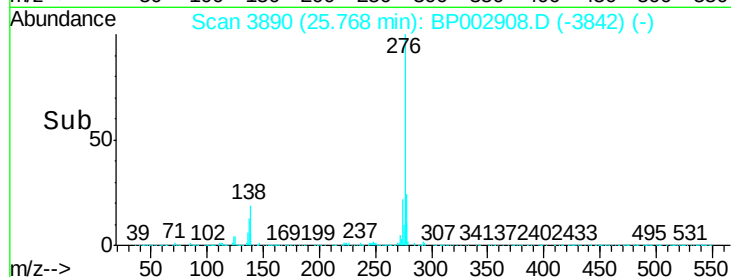
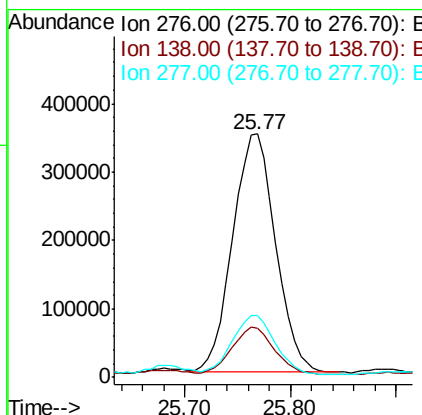
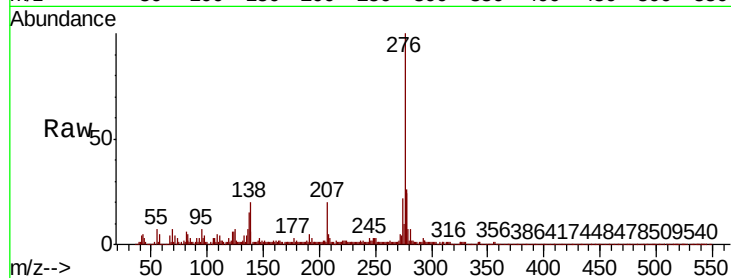
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.630 ng
 RT: 25.77 min Scan# 3890
 Delta R.T. -0.02 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Instrument :
 BNA_P
 ClientSampleId :
 TL-8

Tot Ion:	276	Resp:	984807
Ion Ratio	Lower	Upper	
276	100		
138	19.7	19.3	28.9
277	25.0	20.4	30.6

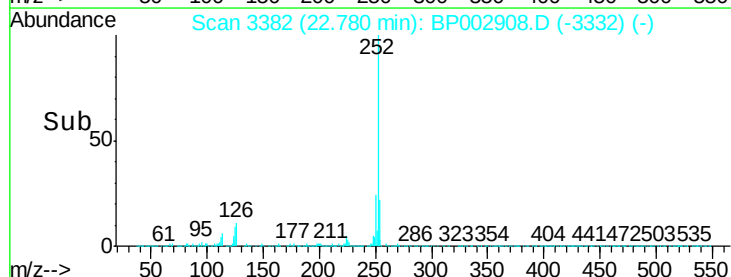
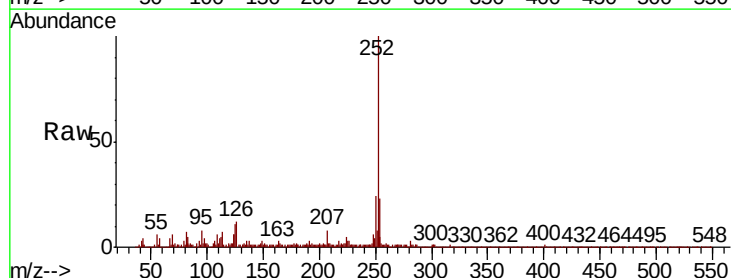
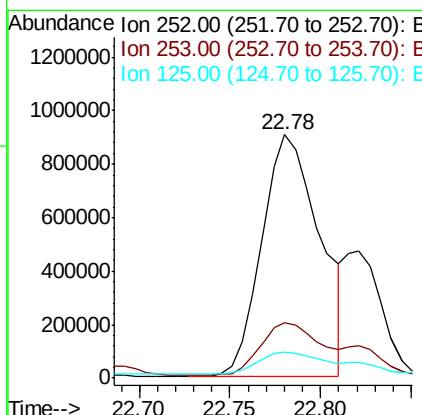
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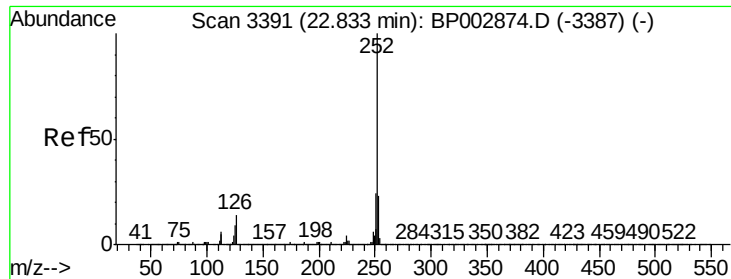
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 13.123 ng
 RT: 22.78 min Scan# 3382
 Delta R.T. -0.01 min
 Lab File: BP002908.D
 Acq: 05 Aug 2020 12:23

Tgt Ion:	252	Resp:	2022693
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.3	27.5
125	10.8	7.8	11.8





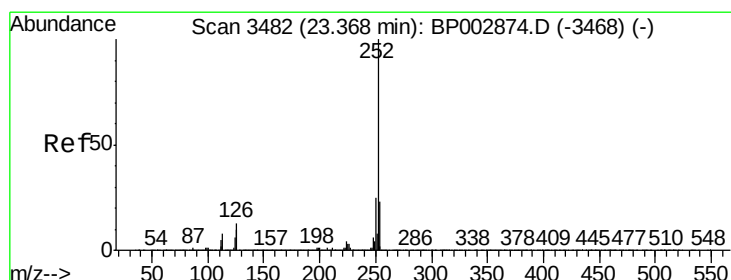
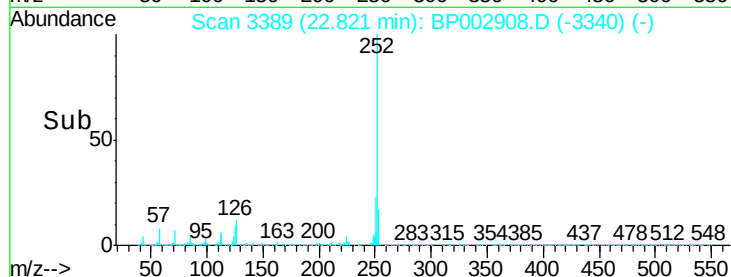
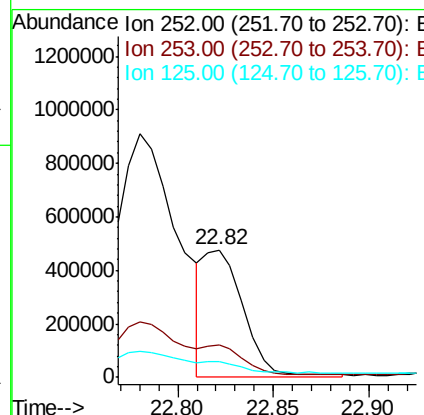
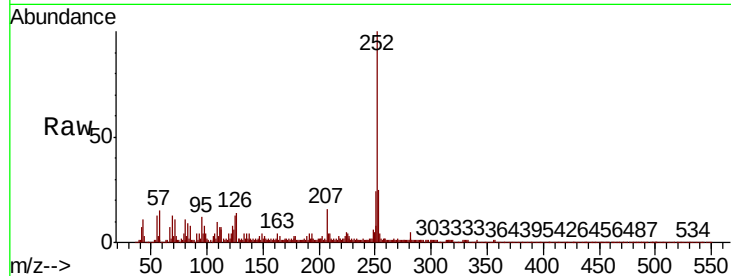
#89
Benzo(k)fluoranthene
Concen: 4.754 ng m
RT: 22.82 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Instrument :
BNA_P
ClientSampled :
TL-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	12.5	7.5	11.3

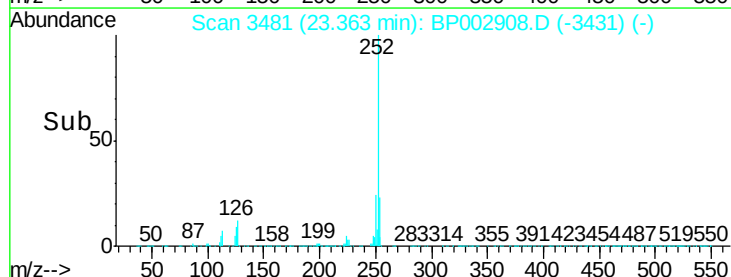
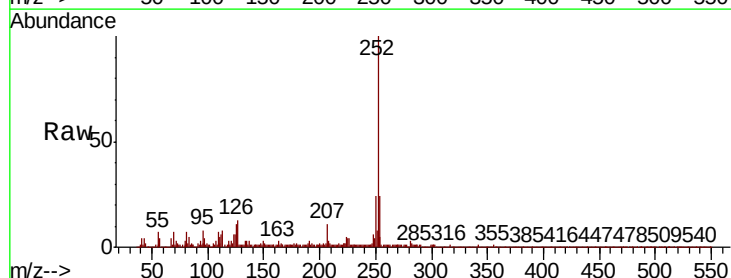
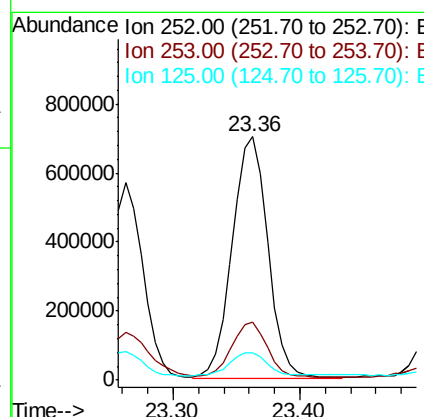
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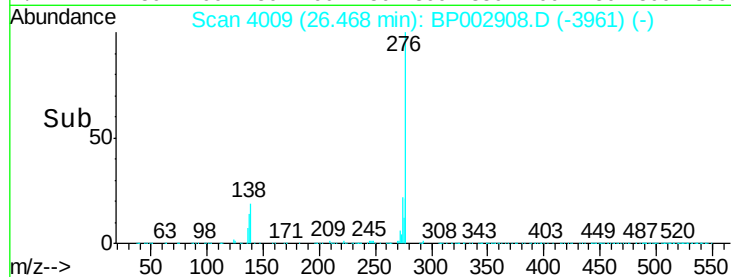
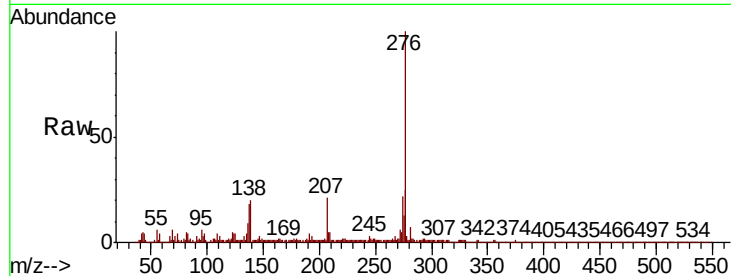
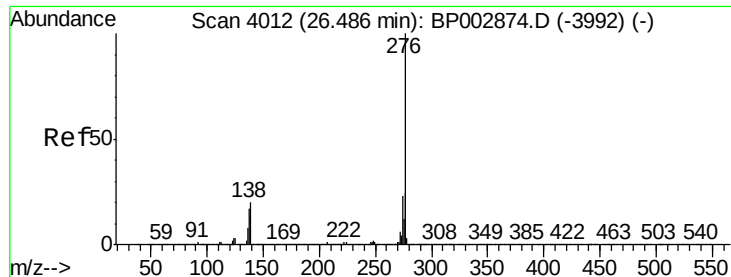
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#90
Benzo(a)pyrene
Concen: 9.758 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP002908.D
Acq: 05 Aug 2020 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.3	8.3	12.5





#92

Benzo(a,h,i)perylene

Concen: 7.193 ng

RT: 26.47 min Scan# 4009

Delta R.T. -0.02 min

Lab File: BP002908.D

Acq: 05 Aug 2020 12:23

Tot Ion:	276	Resp:	1035592
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.3	28.9
138	20.2	16.2	24.2

Instrument :

BNA_P

ClientSampleId :

TL-8

Manual Integrations
APPROVED

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