

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003046.D
 Acq On : 19 Aug 2020 22:54
 Operator : CG/JU
 Sample : L3712-13 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26982

Manual Integrations
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mohammad
 8/20/2020 12:24:44 PM

Quant Time: Aug 20 02:43:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	350719	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1409024	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	775763	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1192834	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1578603	20.00	ng	0.00
86) Perylene-d12	23.41	264	1792880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	310177	13.54	ng	0.00
7) Phenol-d6	6.86	99	376122	11.82	ng	-0.01
23) Nitrobenzene-d5	8.82	82	213922	8.22	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	130438	13.53	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	566560	9.98	ng	-0.01
79) Terphenyl-d14	19.65	244	600496	7.62	ng	0.00
Target Compounds						
71) Phenanthrene	17.12	178	217230	3.106	ng	# 65
75) Fluoranthene	19.10	202	440006	5.460	ng	93
78) Pyrene	19.45	202	388189	3.518	ng	# 96
81) Benzo(a)anthracene	21.15	228	273223	2.541	ng	96
83) Chrysene	21.20	228	296493m	2.923	ng	
88) Benzo(b)fluoranthene	22.73	252	461153	3.645	ng	# 95
90) Benzo(a)pyrene	23.30	252	289809	2.535	ng	# 96

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

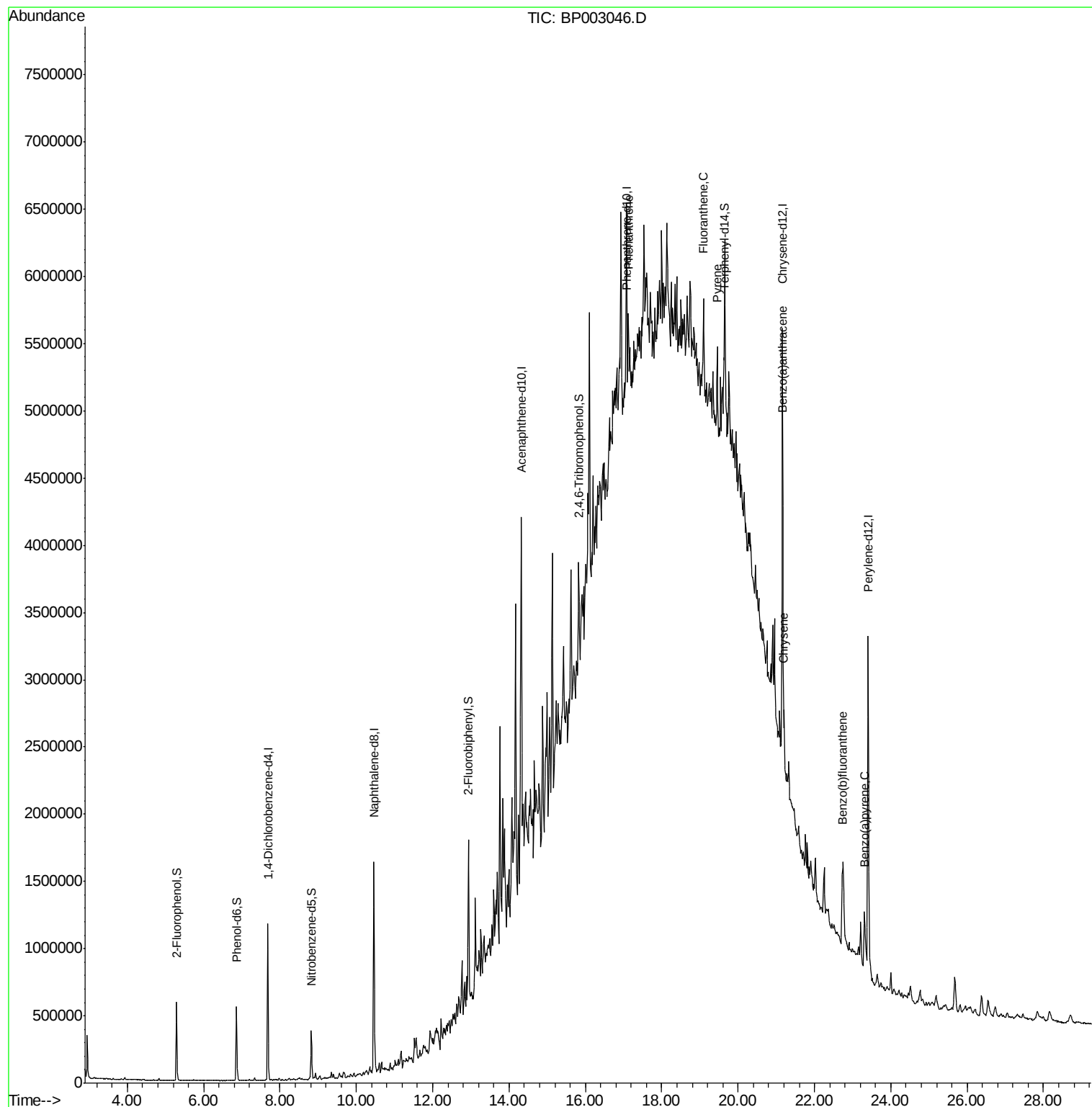
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003046.D
Acq On : 19 Aug 2020 22:54
Operator : CG/JU
Sample : L3712-13 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

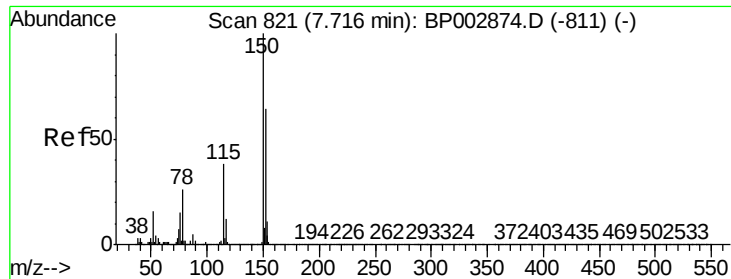
Instrument :
BNA_P
ClientSampleId :
CHRT-26982

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Quant Time: Aug 20 02:43:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
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#1

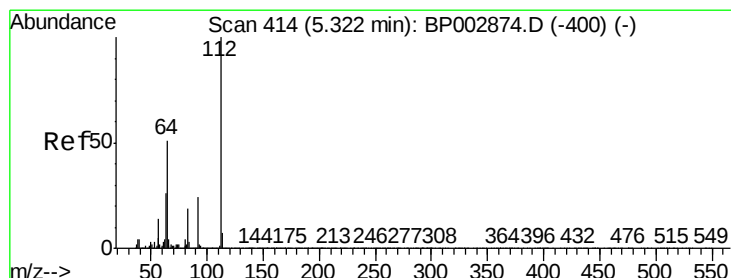
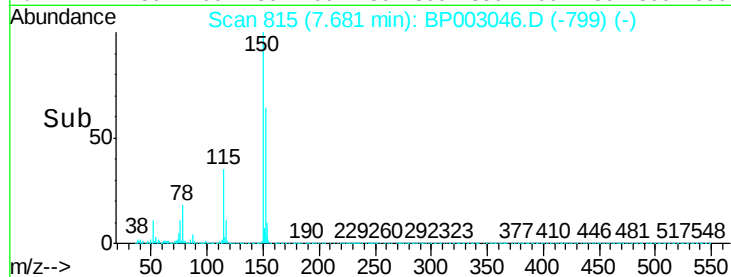
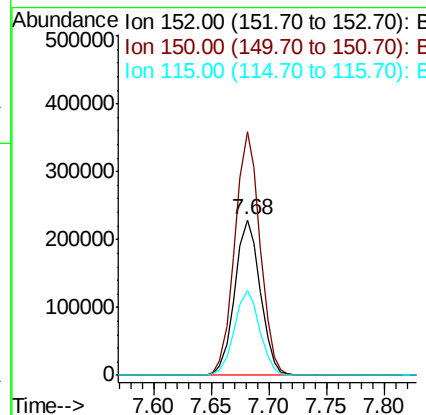
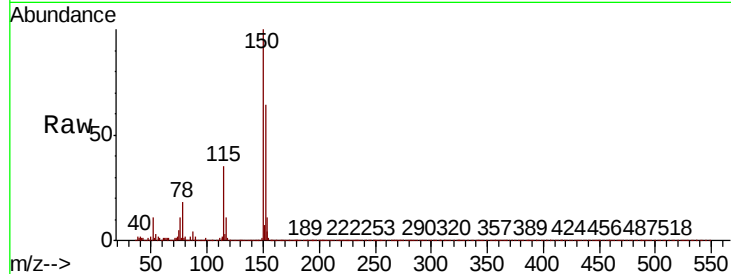
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.1	189.1
115	54.8	43.4	65.2

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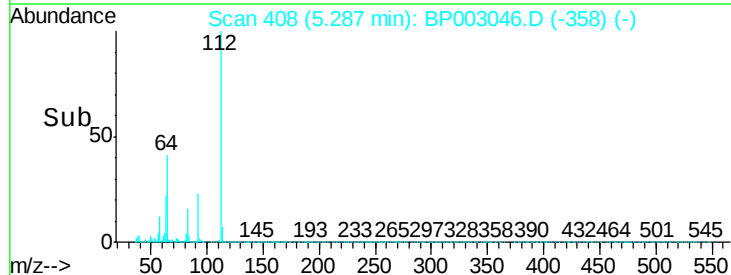
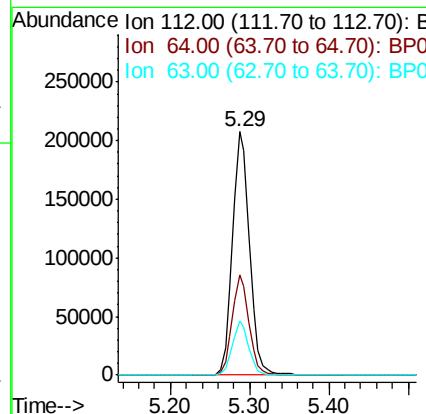
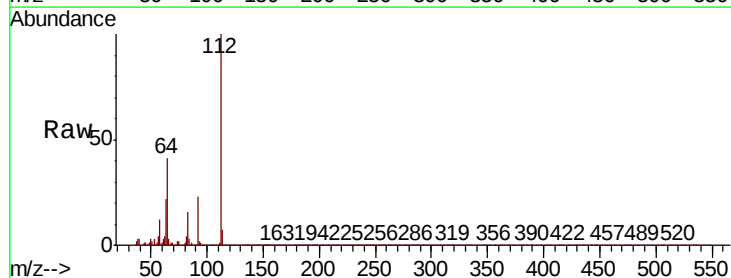
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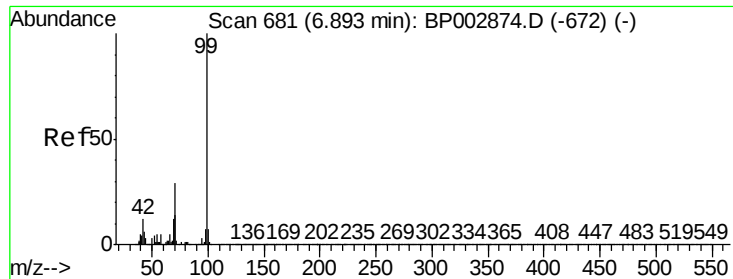


#5

2-Fluorophenol
Concen: 13.536 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	33.4	50.2
63	22.1	17.4	26.0





#7

Phenol-d6

Concen: 11.822 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003046.D

Acq: 19 Aug 2020 22:54

Instrument :

BNA_P

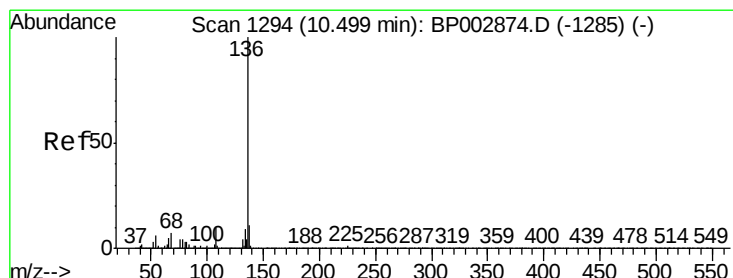
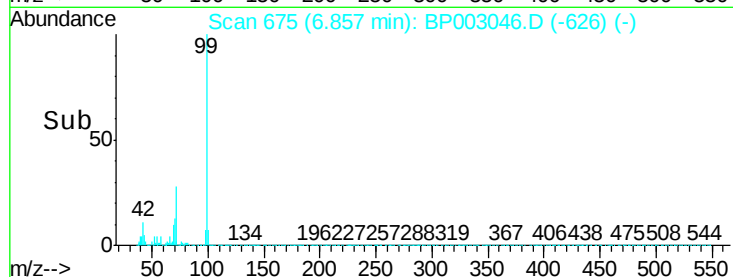
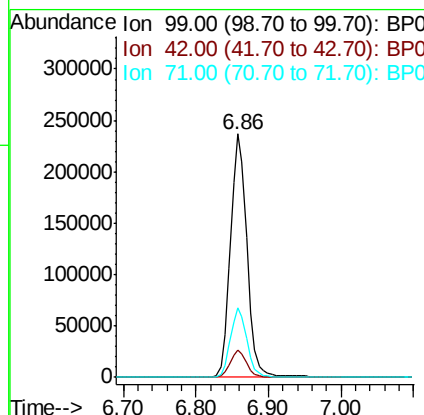
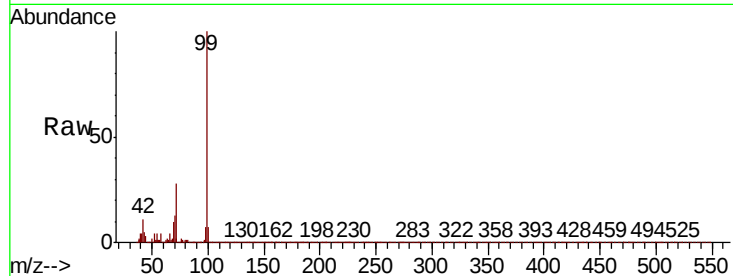
ClientSampleId :

CHRT-26982

Tot Ion:	99	Resp:	376122
Ion Ratio	Lower	Upper	
99	100		
42	11.1	8.0	12.0
71	28.4	21.3	31.9

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#21

Naphthalene-d8

Concen: 20.000 ng

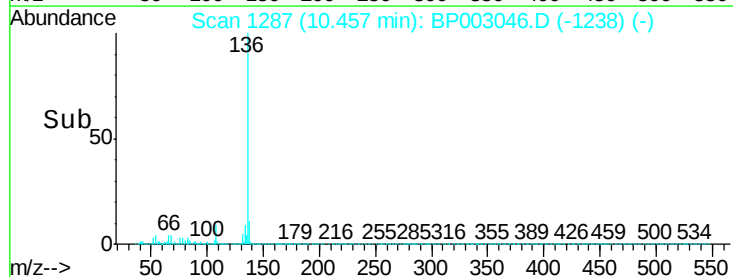
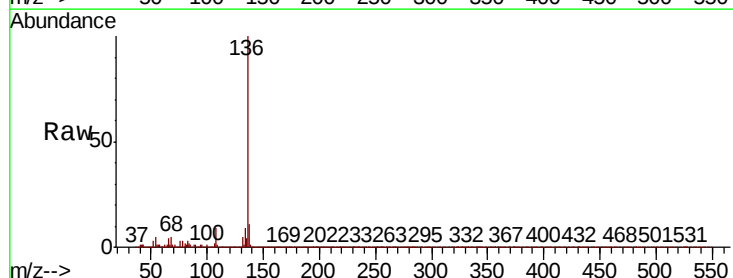
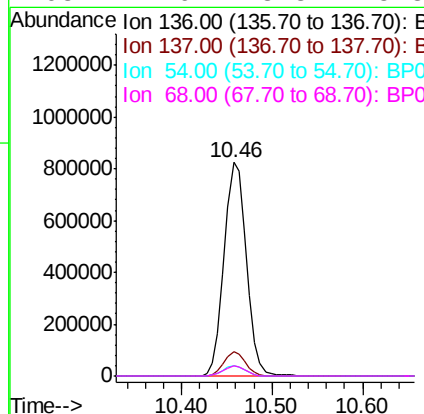
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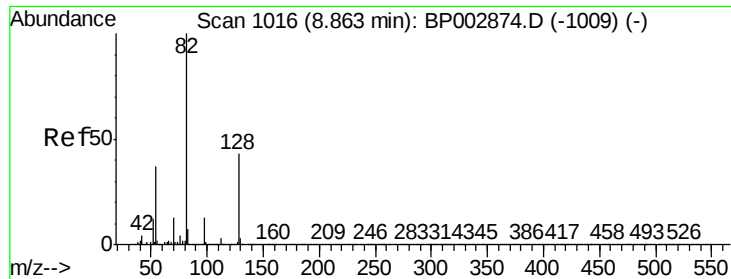
Delta R.T. -0.01 min

Lab File: BP003046.D

Acq: 19 Aug 2020 22:54

Tgt Ion:	136	Resp:	1409024
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	4.5	3.8	5.8
68	4.6	3.8	5.8





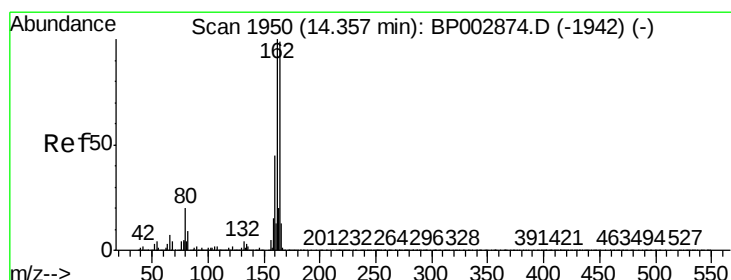
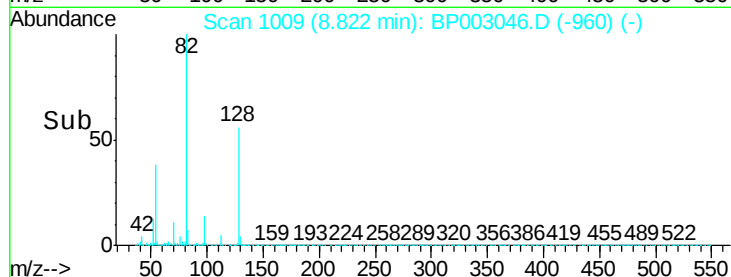
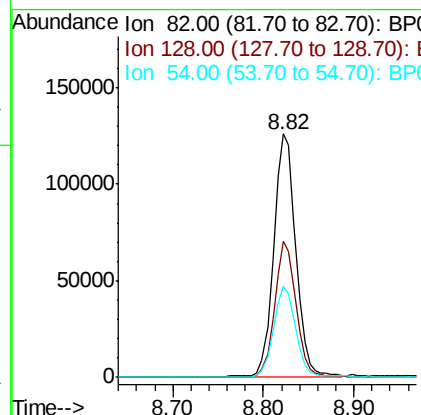
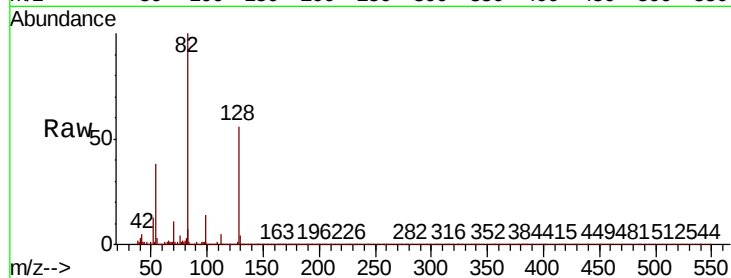
#23
 Nitrobenzene-d5
 Concen: 8.223 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003046.D
 Acq: 19 Aug 2020 22:54

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26982

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.8	45.1	67.7
54	37.7	28.8	43.2

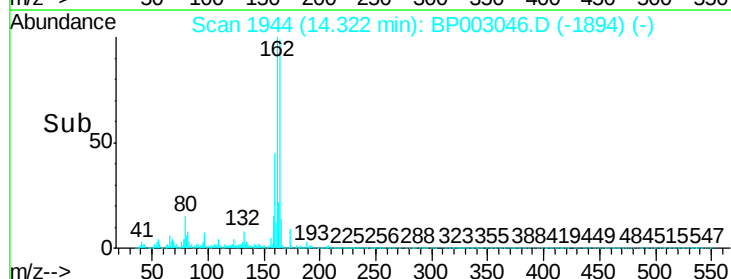
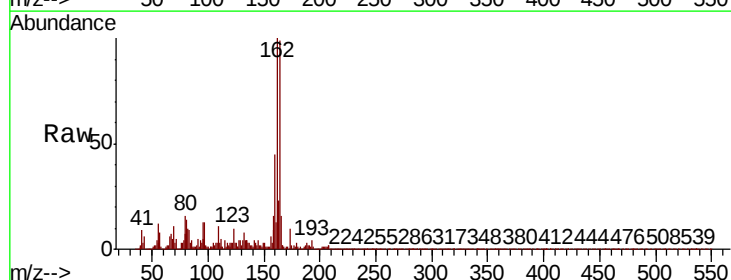
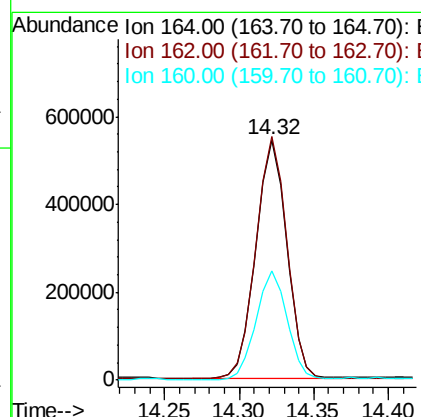
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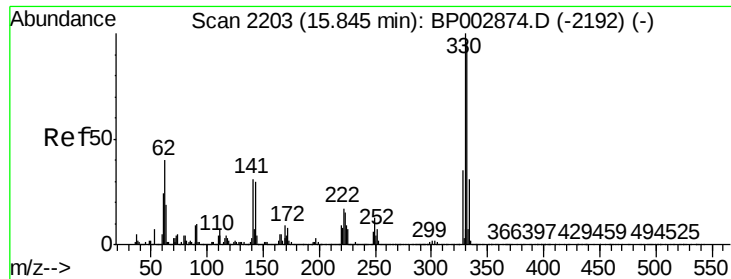
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BP003046.D
 Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.0
160	45.6	35.5	53.3





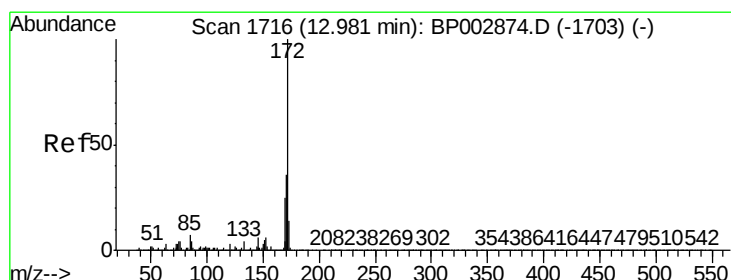
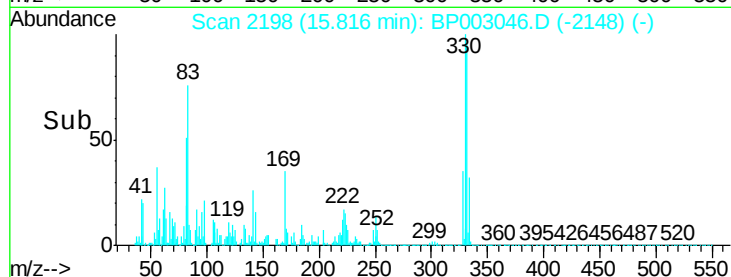
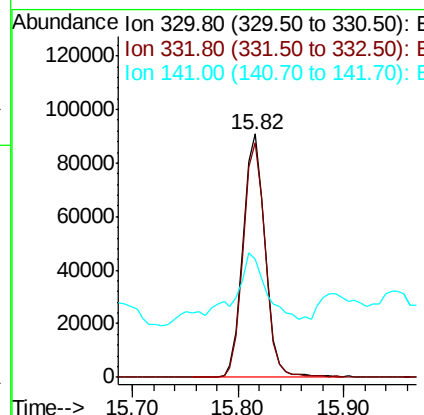
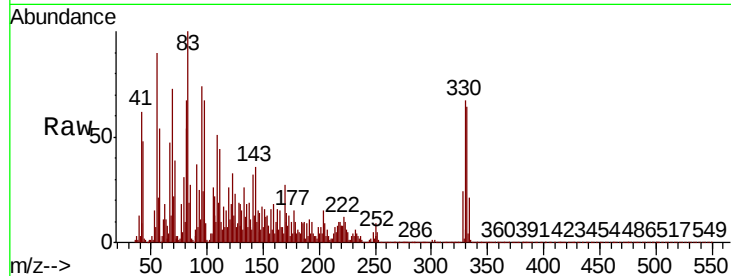
#42
 2,4,6-Tribromophenol
 Concen: 13.528 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003046.D
 Acq: 19 Aug 2020 22:54

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26982

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130438		
332	96.9	77.0	115.6	
141	35.1	26.7	40.1	

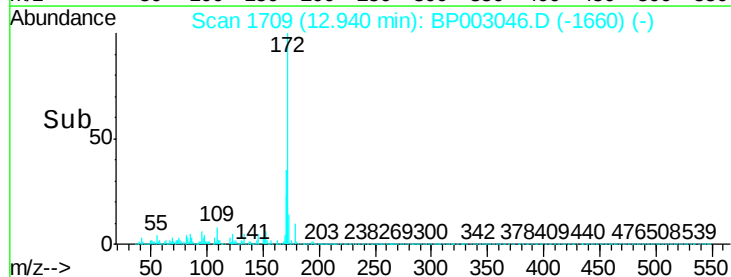
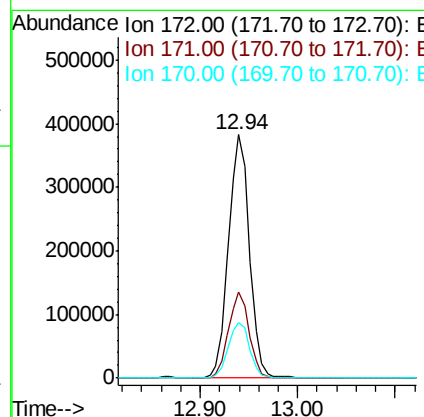
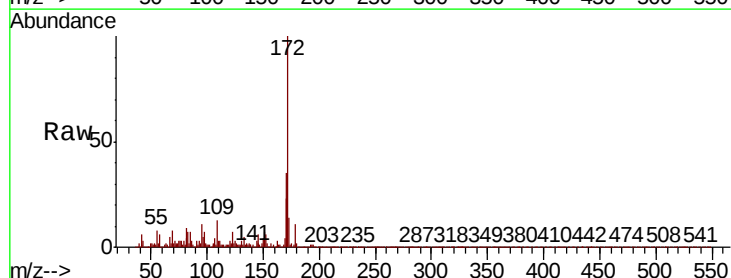
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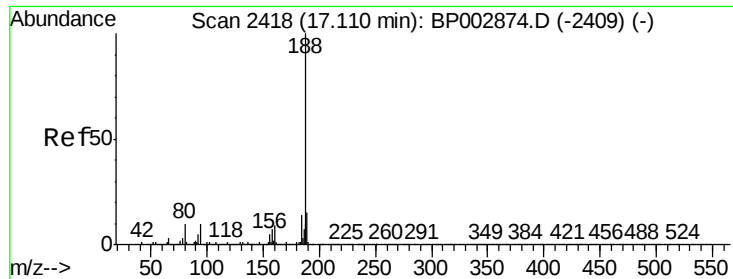
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#45
 2-Fluorobiphenyl
 Concen: 9.978 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003046.D
 Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	566560		
171	35.3	29.0	43.4	
170	23.0	19.1	28.7	





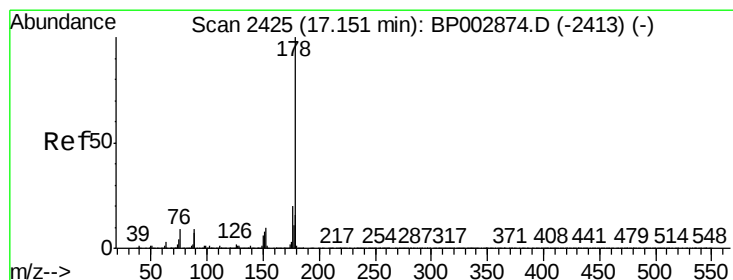
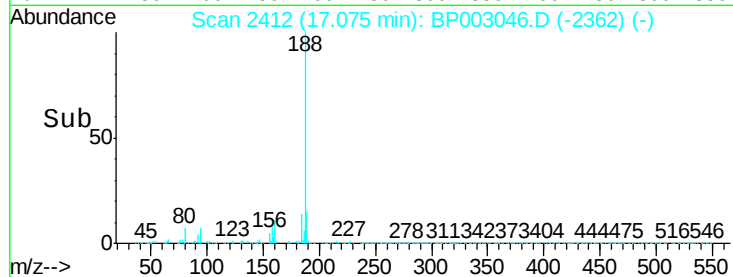
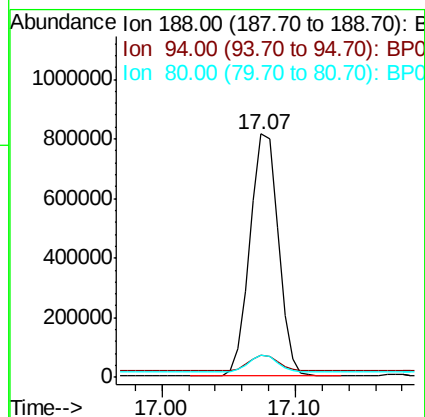
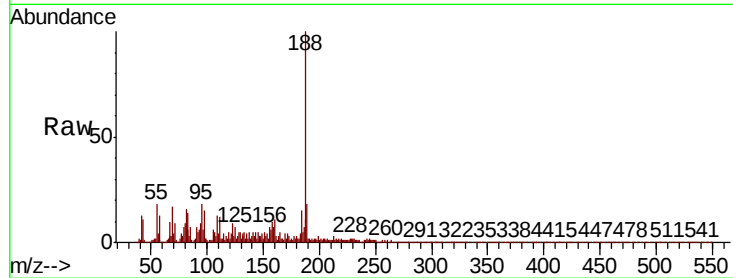
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampled :
CHRT-26982

Tot Ion:188	Resp: 1192834
Ion Ratio	Lower Upper
188 100	
94 9.3	7.1 10.7
80 8.9	6.7 10.1

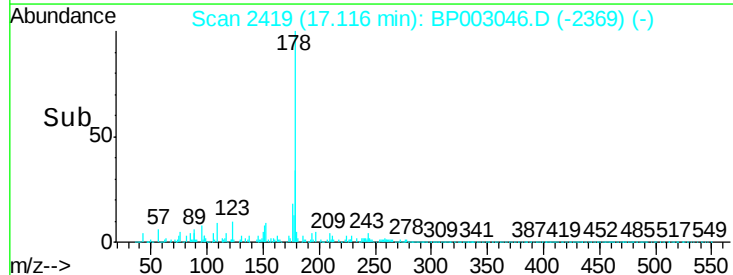
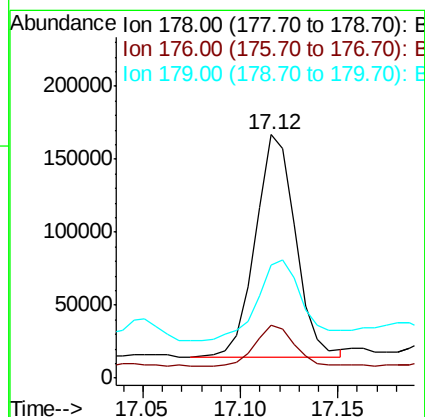
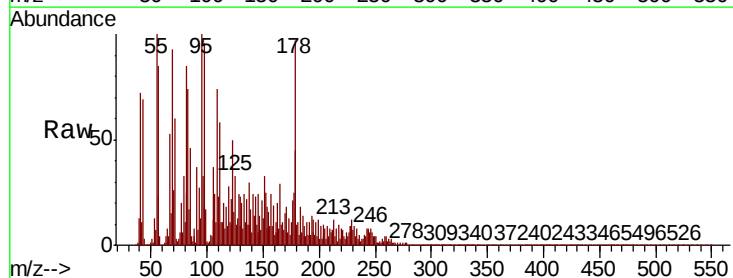
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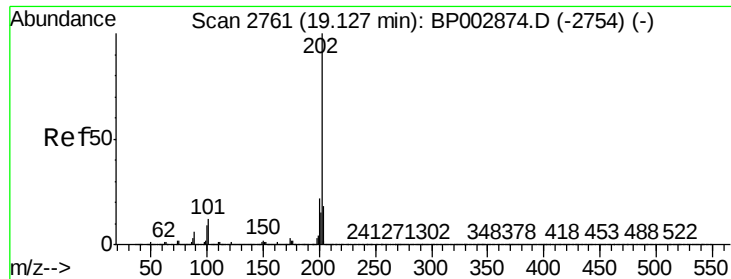
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#71
Phenanthrene
Concen: 3.106 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Tgt Ion:178	Resp: 217230
Ion Ratio	Lower Upper
178 100	
176 21.8	15.8 23.8
179 46.6	12.9 19.3#





#75

Fluoranthene

Concen: 5.460 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BP003046.D

Acq: 19 Aug 2020 22:54

Instrument :

BNA_P

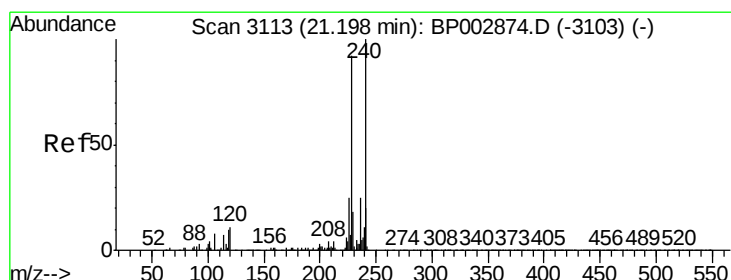
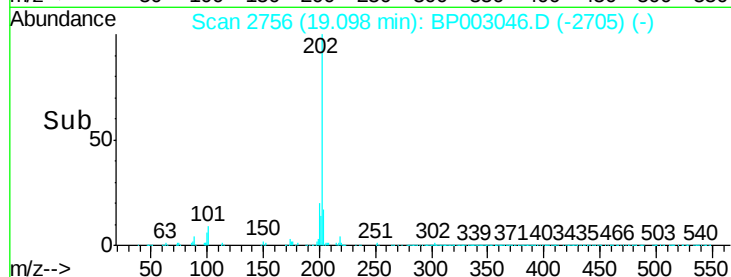
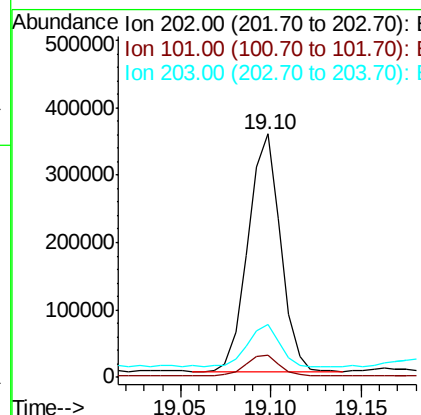
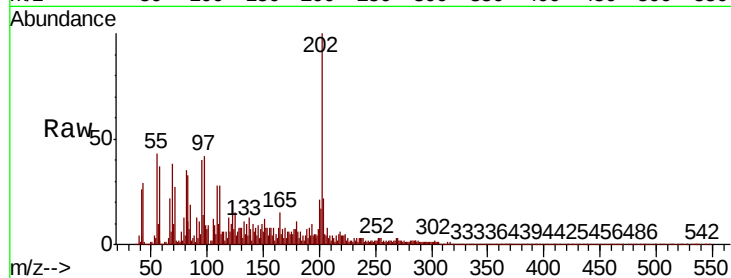
ClientSampleId :

CHRT-26982

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	31.2
203	21.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

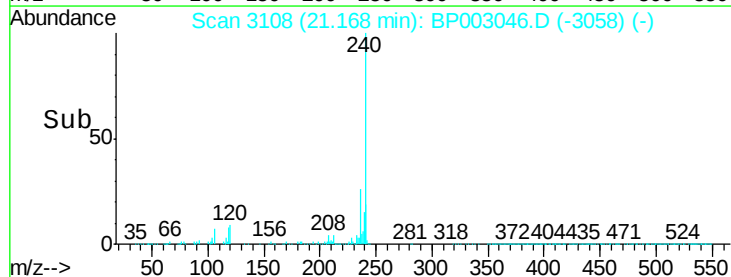
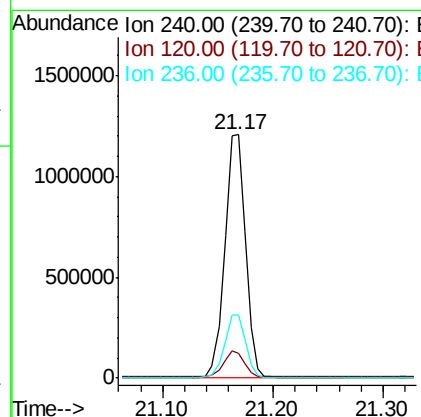
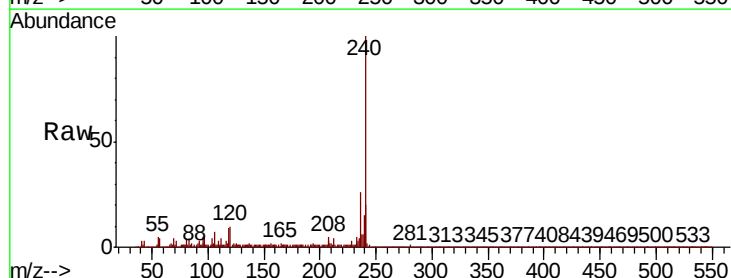
RT: 21.17 min Scan# 3108

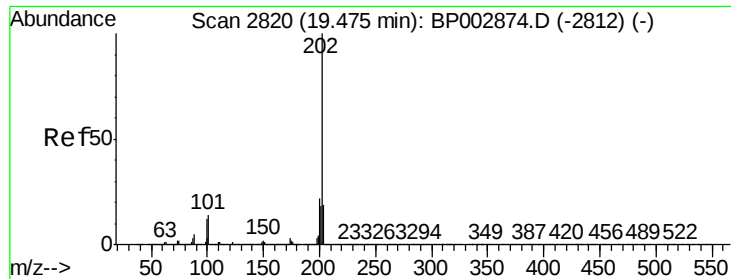
Delta R.T. -0.01 min

Lab File: BP003046.D

Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.9	20.8	31.2





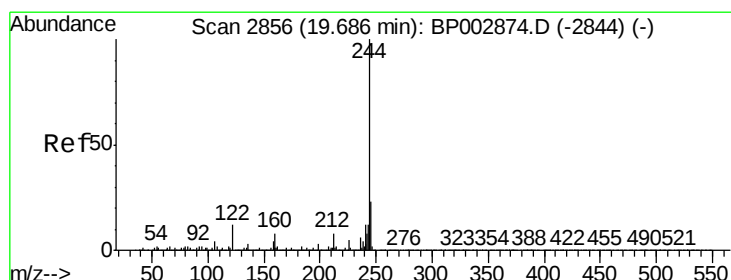
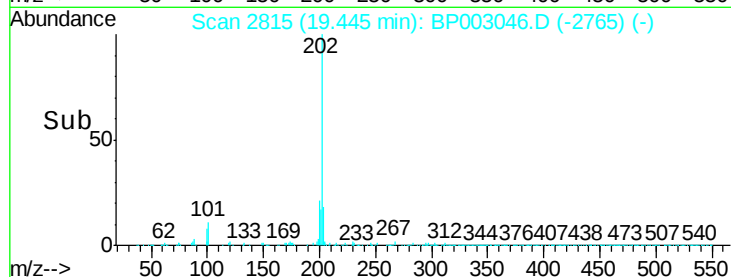
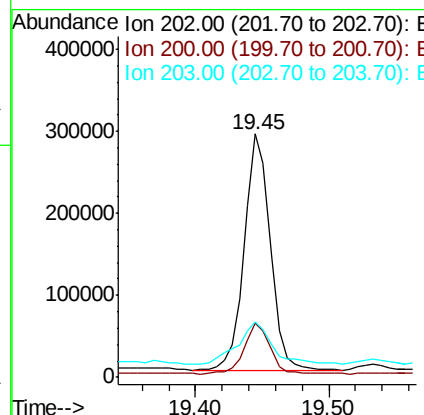
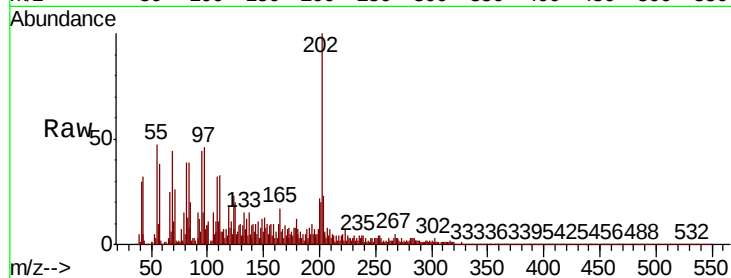
#78
Pvrene
Concen: 3.518 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.8	26.6
203	22.6	14.6	22.0

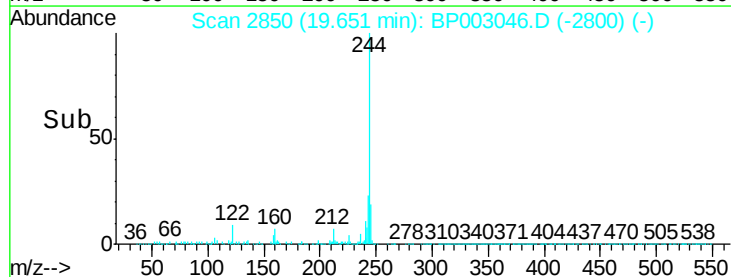
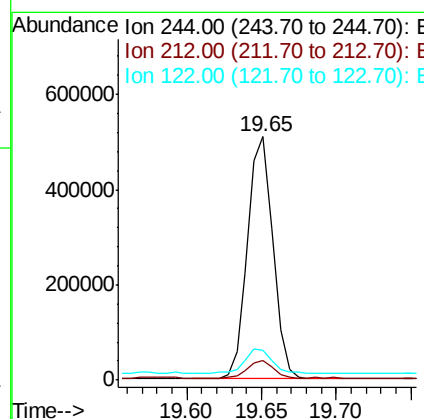
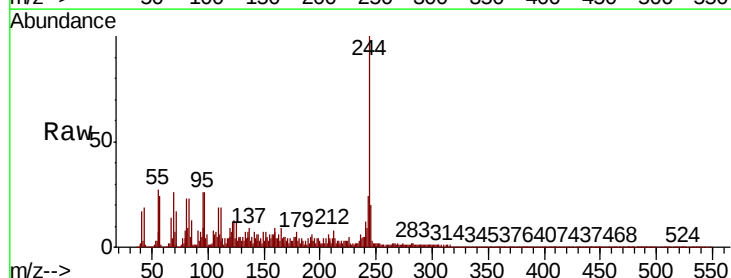
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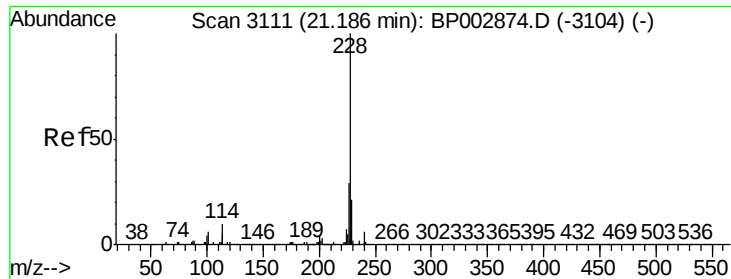
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#79
Terphenyl-d14
Concen: 7.615 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	6.3	9.5
122	12.0	8.7	13.1





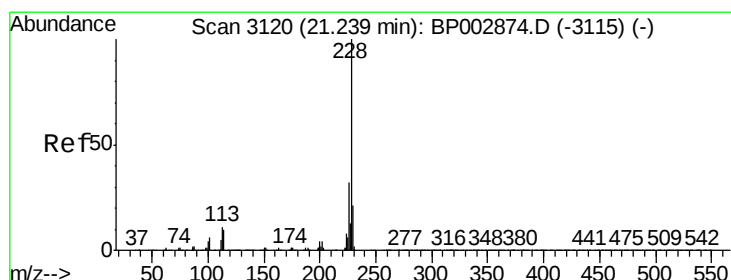
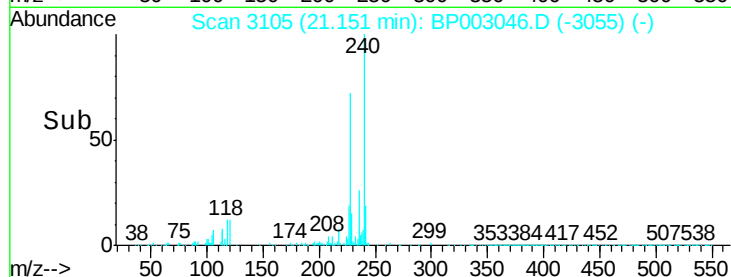
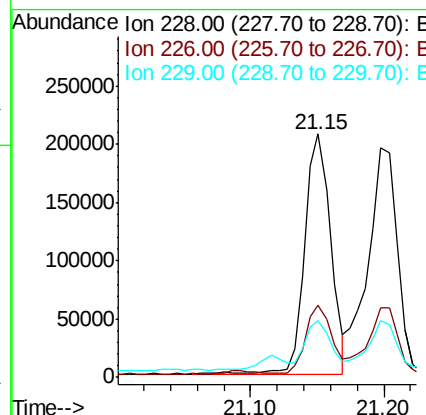
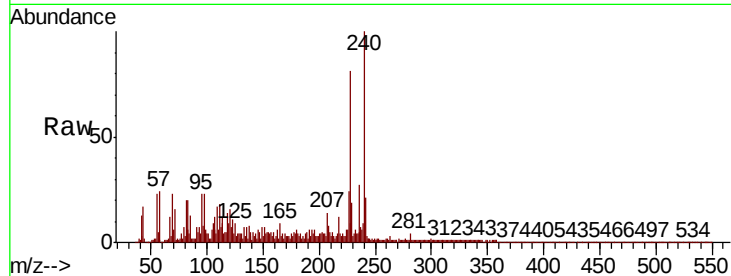
#81
Benzo(a)anthracene
Concen: 2.541 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	23.0	16.5	24.7

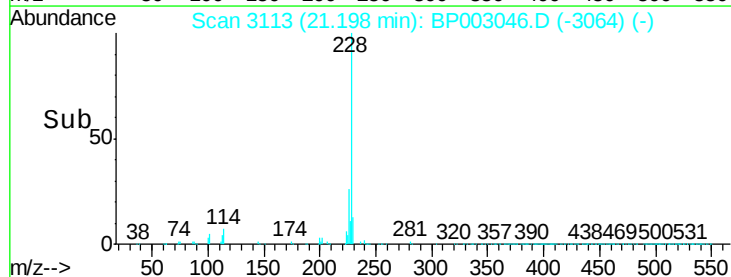
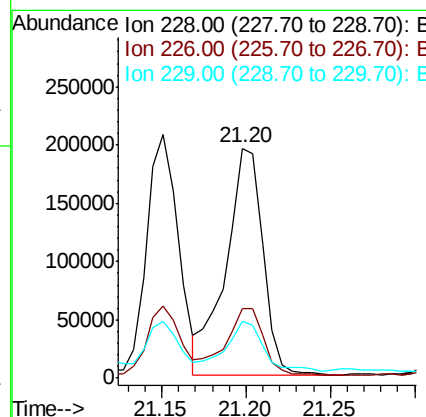
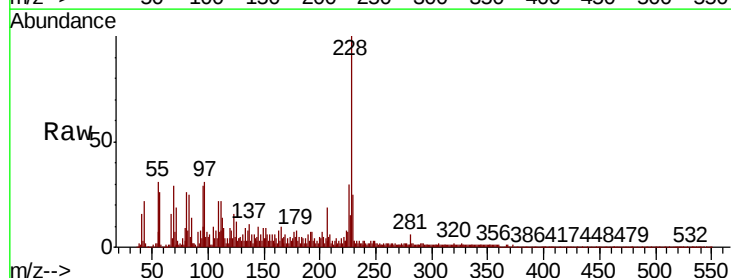
Manual Integrations
APPROVED

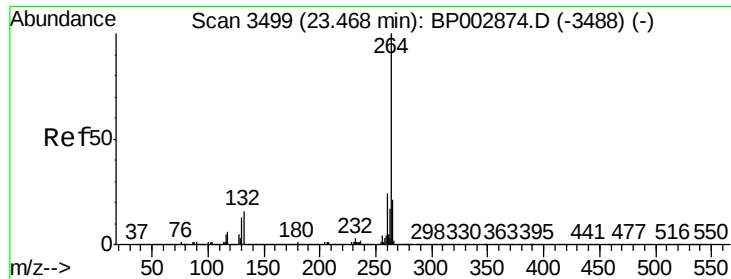
mohammad
8/20/2020 12:24:44 PM



#83
Chrysene
Concen: 2.923 ng m
RT: 21.20 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	24.5	16.3	24.5#





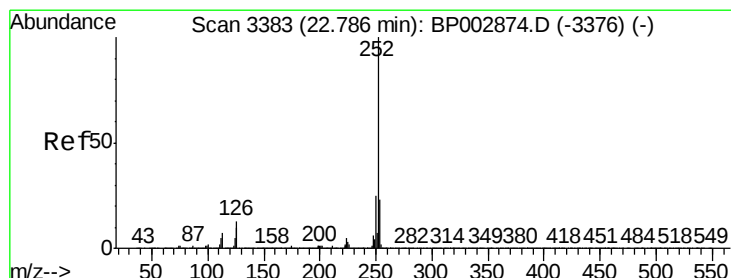
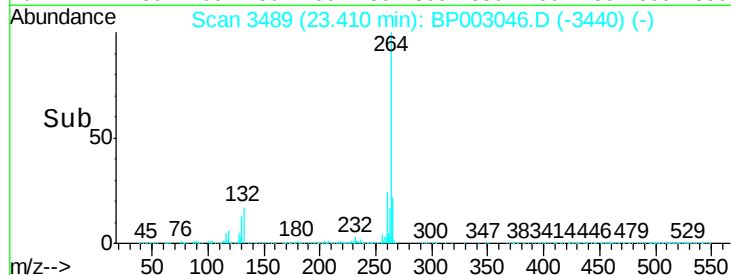
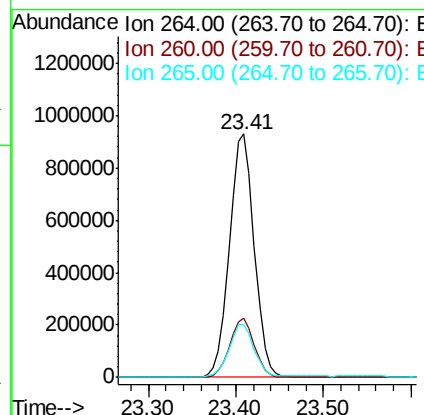
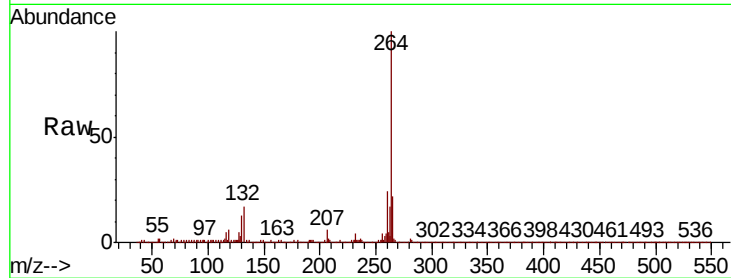
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.3	25.9

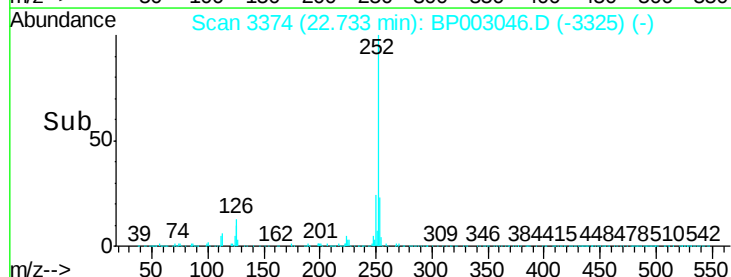
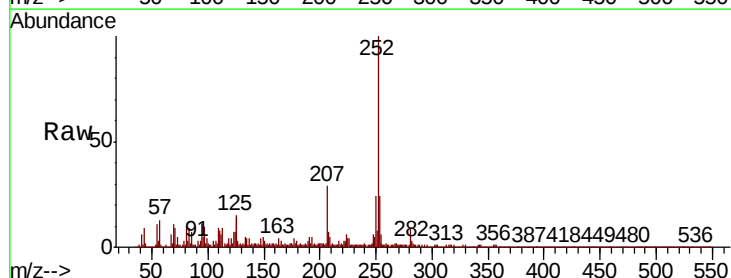
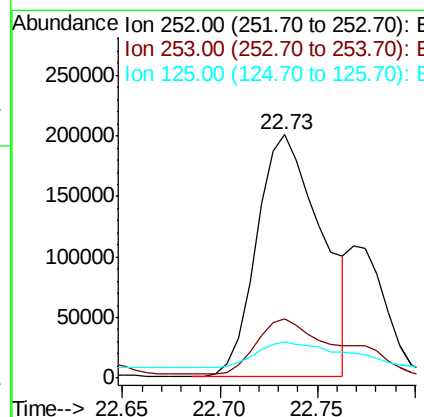
Manual Integrations
APPROVED

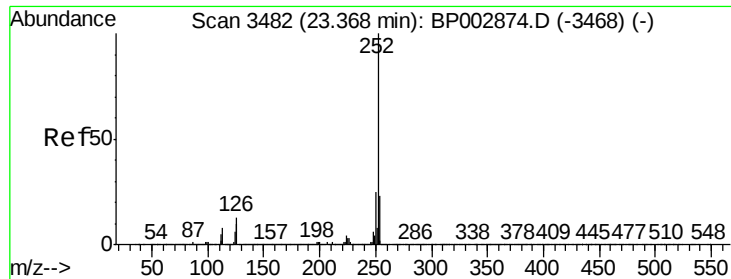
mohammad
8/20/2020 12:24:44 PM



#88
Benzo(b)fluoranthene
Concen: 3.645 ng
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	14.6	9.4	14.2#





#90
Benzo(a)pyrene
Concen: 2.535 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BP003046.D
Acq: 19 Aug 2020 22:54

Instrument :
BNA_P
ClientSampleId :
CHRT-26982

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.9	9.9	14.9#

Manual Integrations
APPROVED

mohammad
8/20/2020 12:24:44 PM

