

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
 Data File : BM022422.D
 Acq On : 29 Aug 2019 23:49
 Operator : HP/JU
 Sample : K4439-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2-(5-7)

Manual Integrations
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Jagrut
 8/30/2019 10:30:03 AM

Quant Time: Aug 30 08:26:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20773	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	74294	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	47395	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	109587	20.00	ng	0.00
76) Chrysene-d12	21.17	240	158654	20.00	ng	0.00
87) Perylene-d12	23.36	264	180860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	107288	90.66	ng	0.00
7) Phenol-d6	6.72	99	138527	87.53	ng	0.00
23) Nitrobenzene-d5	8.69	82	97309	57.37	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	75133	77.47	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	188590	45.08	ng	0.00
79) Terphenyl-d14	19.60	244	368987	30.69	ng	0.00
Target Compounds						
10) Phenol	6.75	94	4456	2.803	ng	87
50) Dimethylphthalate	13.66	163	24053	5.835	ng	99
71) Phenanthrene	16.99	178	51727	8.098	ng	99
75) Fluoranthene	19.02	202	78242	9.198	ng	100
78) Pyrene	19.39	202	77350	7.154	ng	100
81) Benzo(a)anthracene	21.15	228	48257m	4.238	ng	
83) Chrysene	21.20	228	48466	4.471	ng	97
86) Indeno(1,2,3-cd)pyrene	25.53	276	26323	2.414	ng	94
88) Benzo(b)fluoranthene	22.71	252	53089m	4.225	ng	
90) Benzo(a)pyrene	23.26	252	36666	3.288	ng	# 90
92) Benzo(g,h,i)perylene	26.20	276	27016	2.787	ng	# 93

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

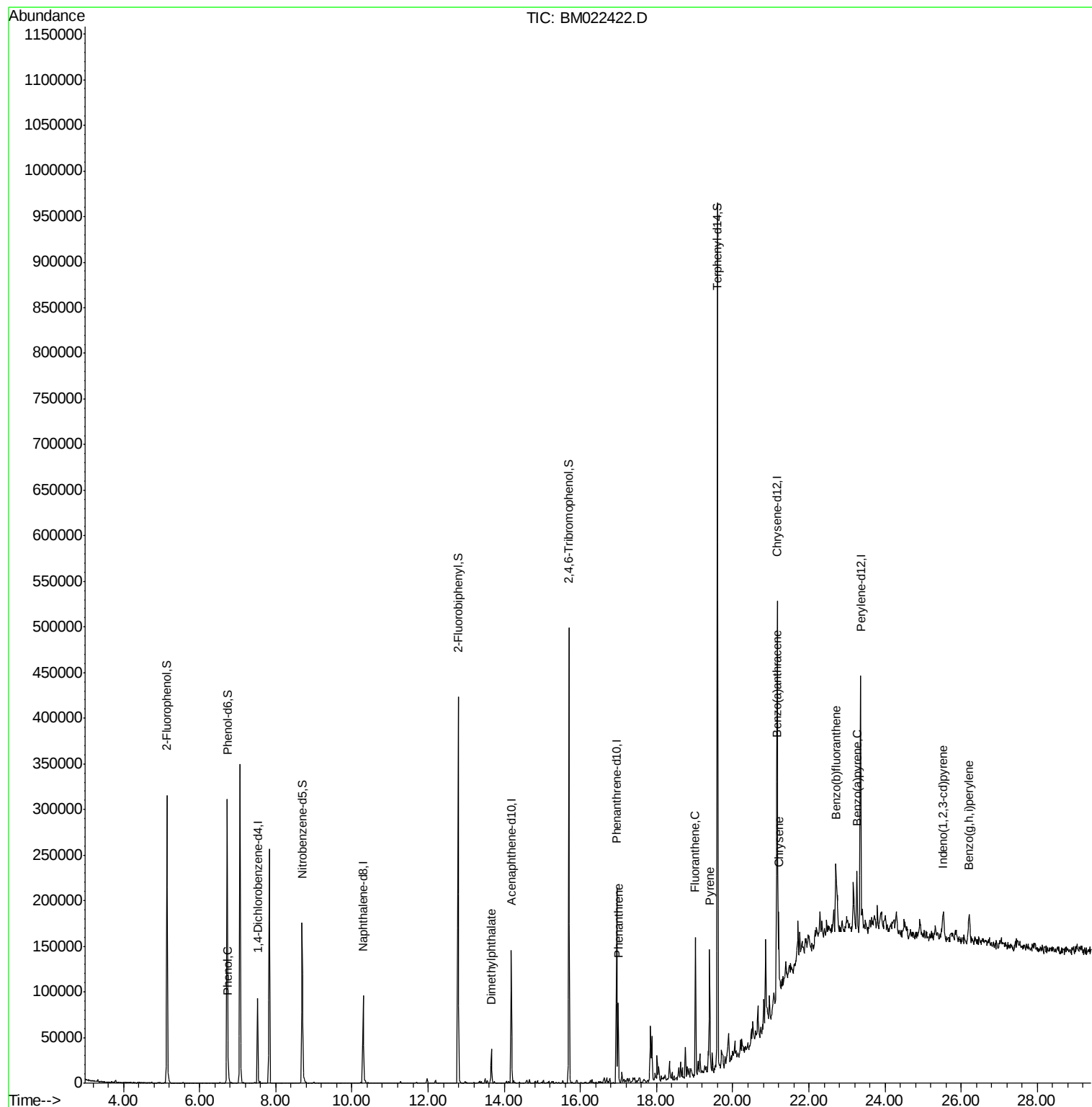
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
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ALS Vial : 12 Sample Multiplier: 1

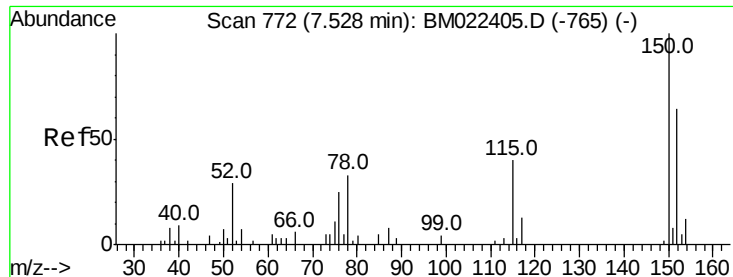
Instrument :
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ClientSampleId :
S-2-(5-7)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
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#1

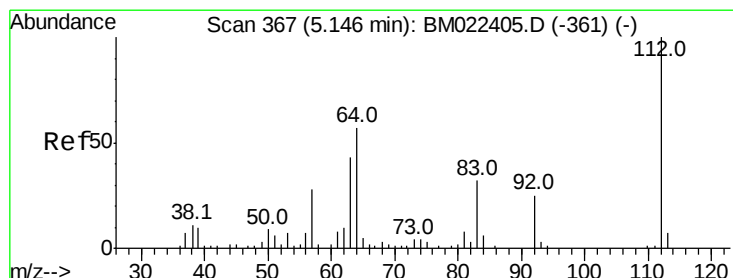
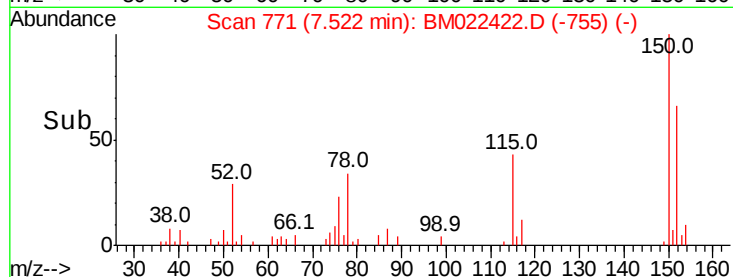
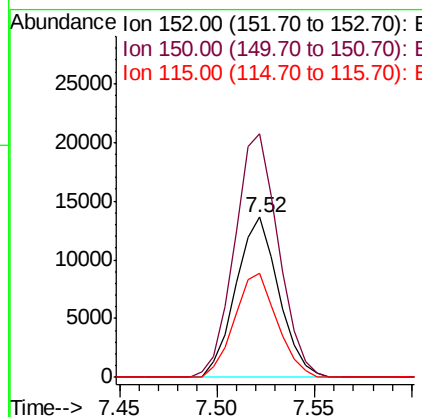
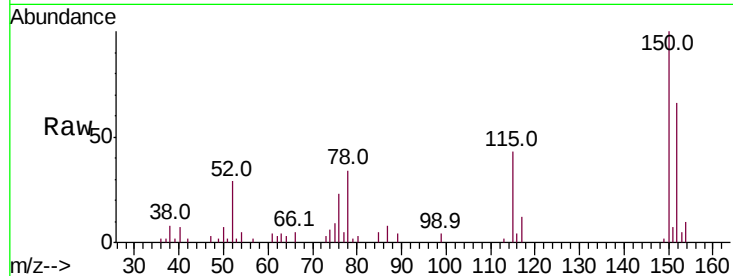
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Instrument :
BNA_M
ClientSampled :
S-2(-5-7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.4	188.0
115	64.9	50.3	75.5

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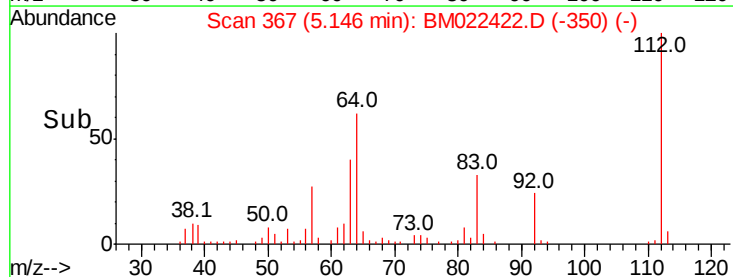
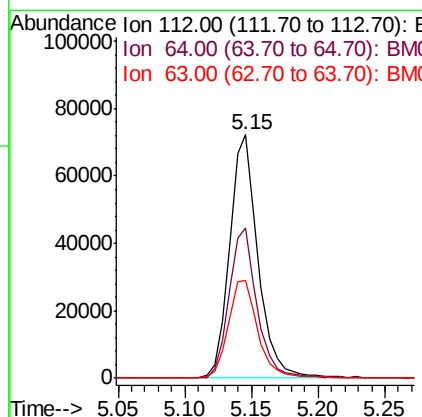
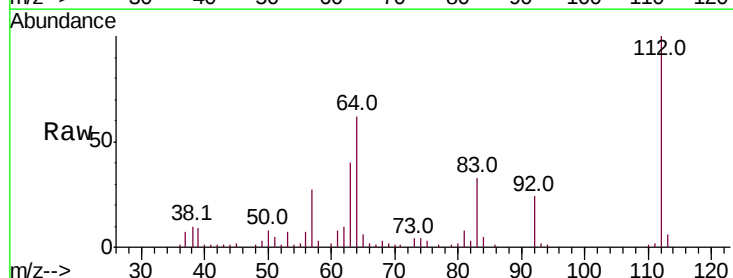
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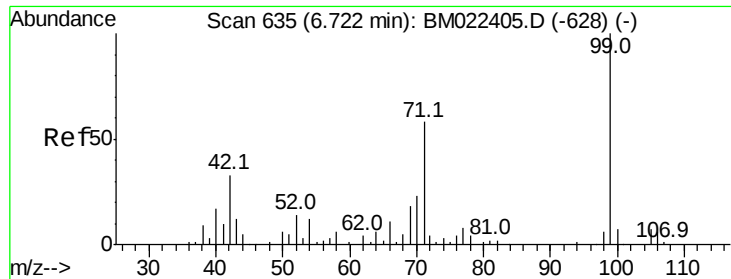


#5

2-Fluorophenol
Concen: 90.659 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	45.4	68.2
63	40.2	34.5	51.7





#7

Phenol-d6

Concen: 87.534 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.00 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Instrument :

BNA_M

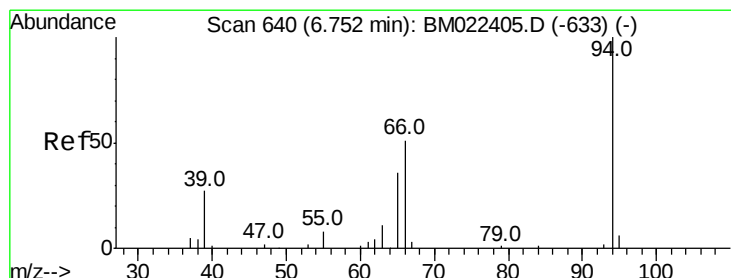
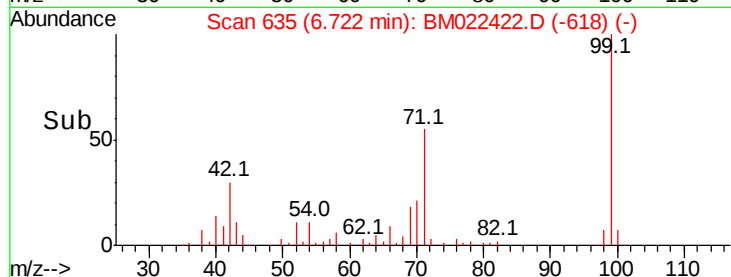
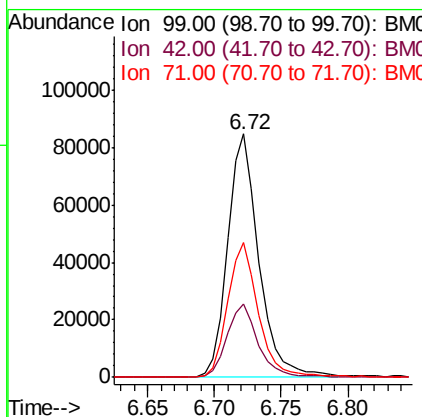
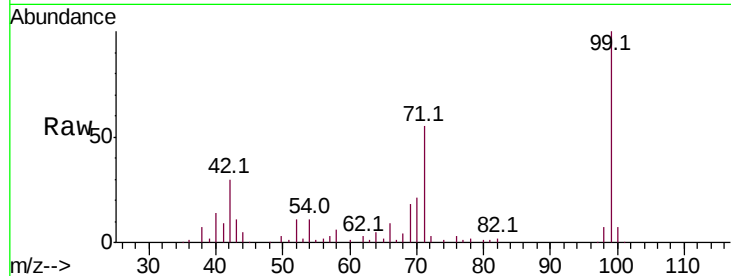
ClientSampled :

S-2-(5-7)

Tot Ion:	99	Resp:	138527
Ion Ratio	Lower	Upper	
99	100		
42	30.0	26.3	39.5
71	55.1	46.6	69.8

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#10

Phenol

Concen: 2.803 ng

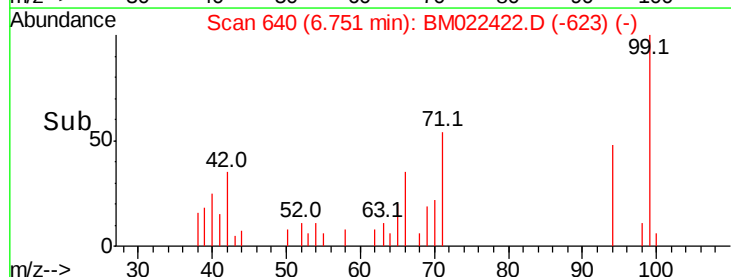
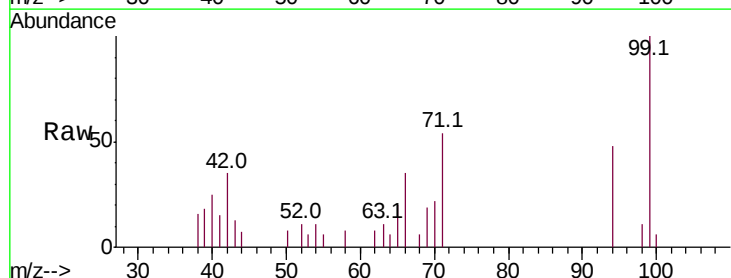
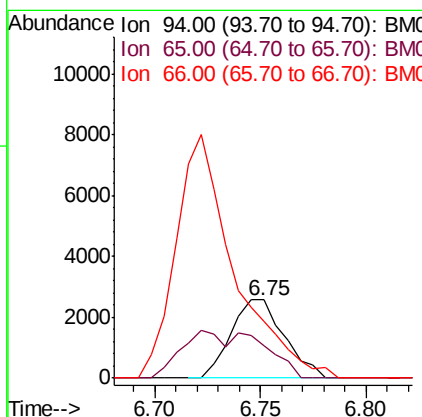
RT: 6.75 min Scan# 640

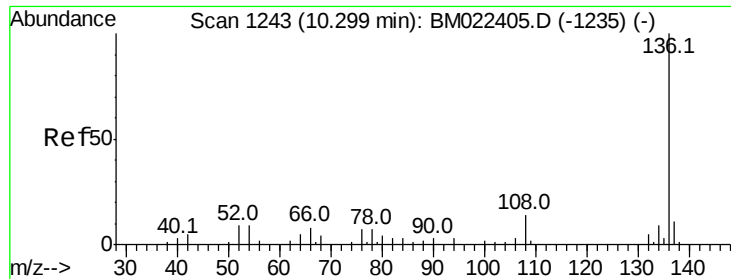
Delta R.T. -0.00 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Tgt Ion:	94	Resp:	4456
Ion Ratio	Lower	Upper	
94	100		
65	41.6	17.7	57.7
66	72.8	39.6	79.6





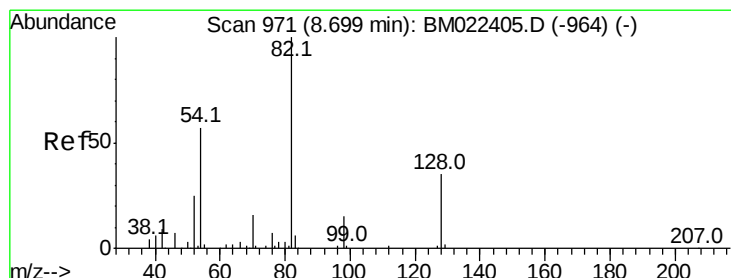
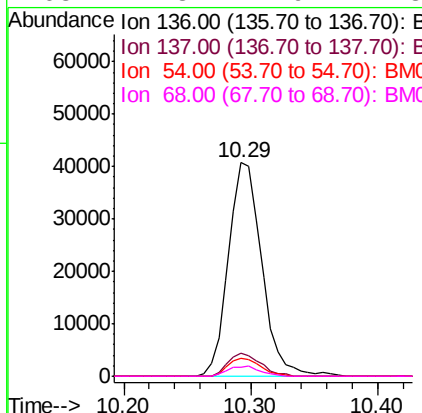
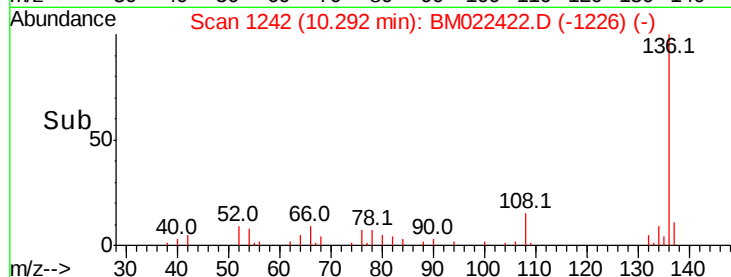
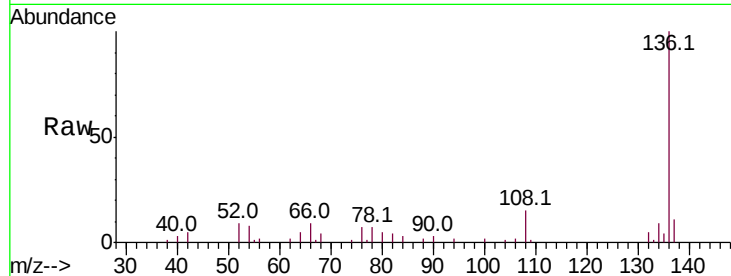
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Instrument :
BNA_M
ClientSampleId :
S-2-(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.6	13.0	
54	8.4	7.0	10.6	
68	4.3	2.9	4.3	

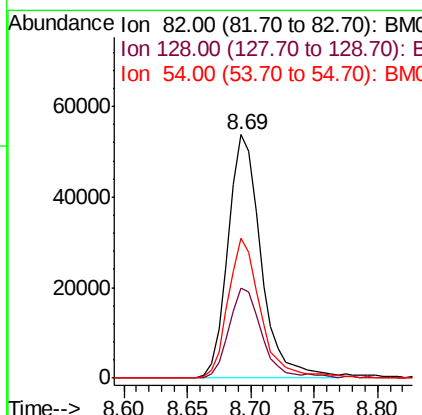
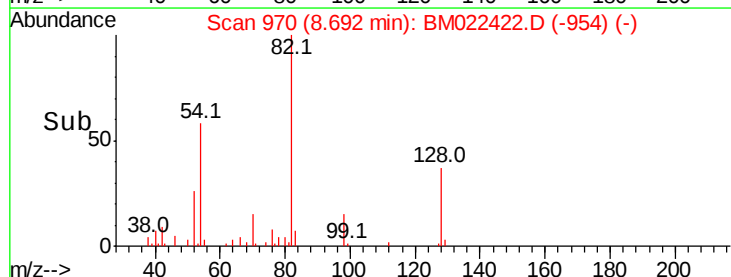
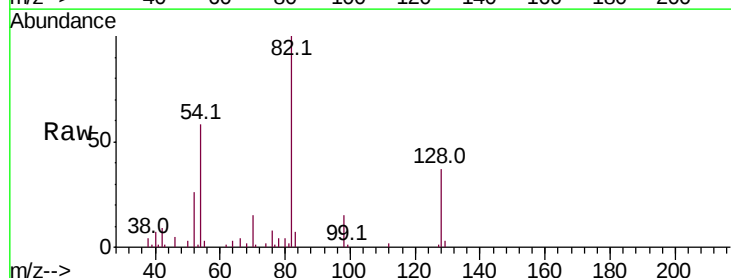
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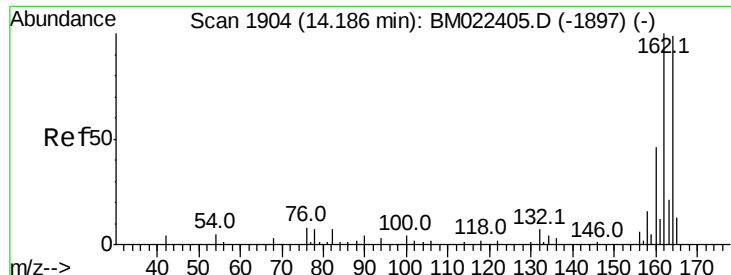
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#23
Nitrobenzene-d5
Concen: 57.369 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.8	27.9	41.9	
54	57.6	45.2	67.8	





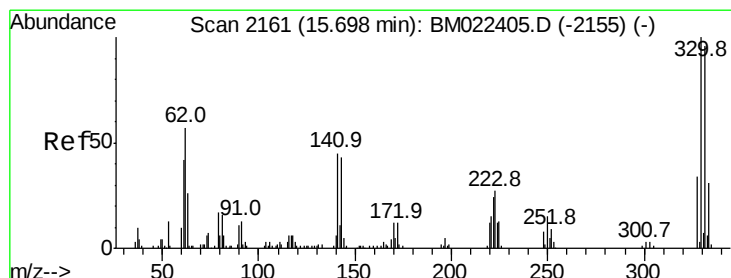
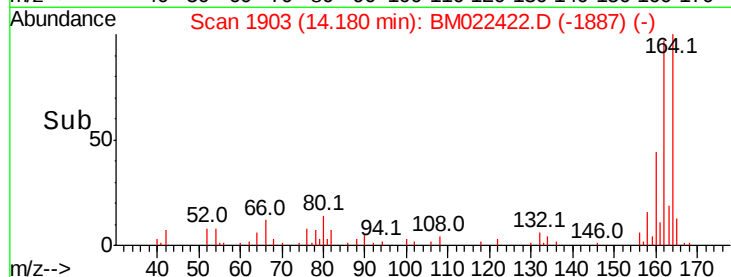
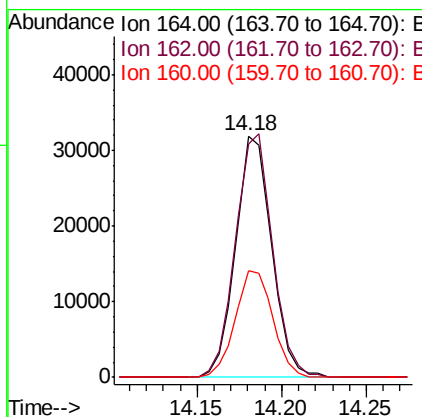
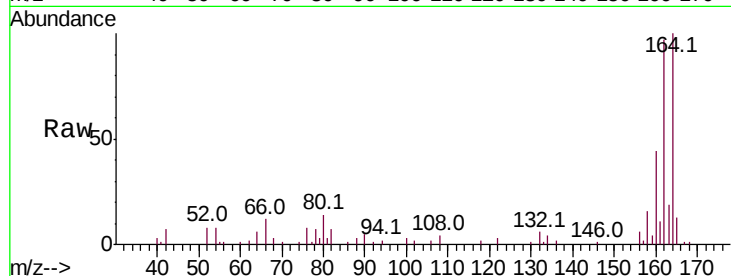
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Instrument :
BNA_M
ClientSampleId :
S-2-(5-7)

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.9	80.6	121.0
160	44.0	37.3	55.9

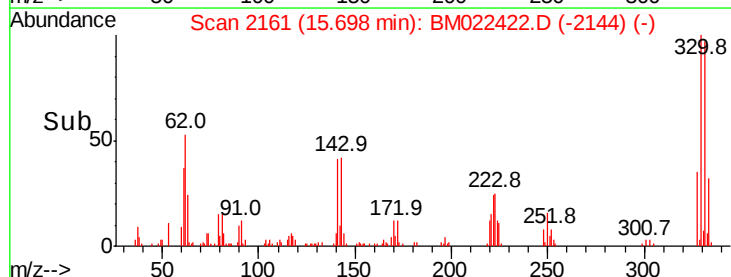
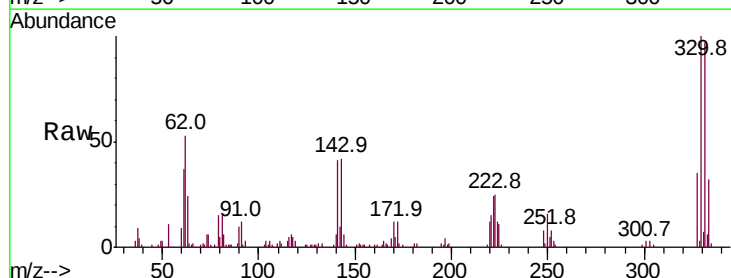
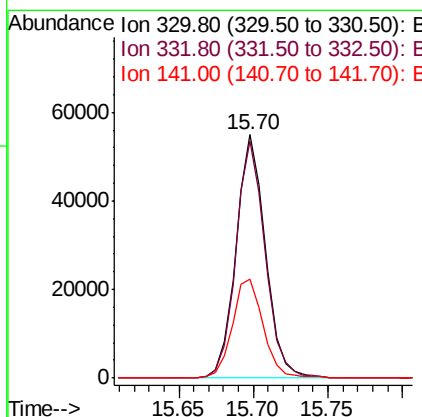
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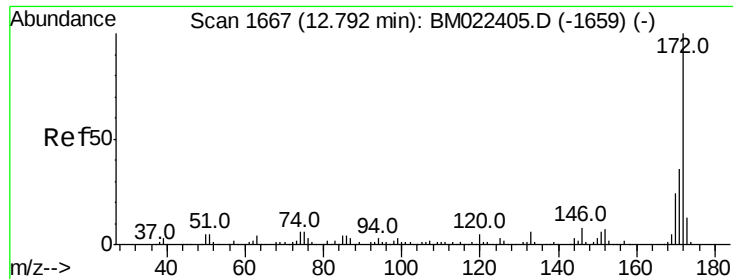
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#42
2,4,6-Tribromophenol
Concen: 77.470 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	43.4	35.6	53.4





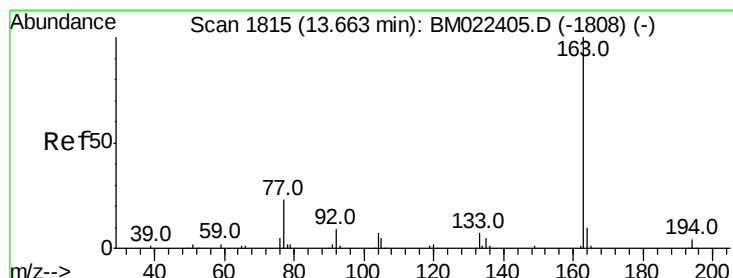
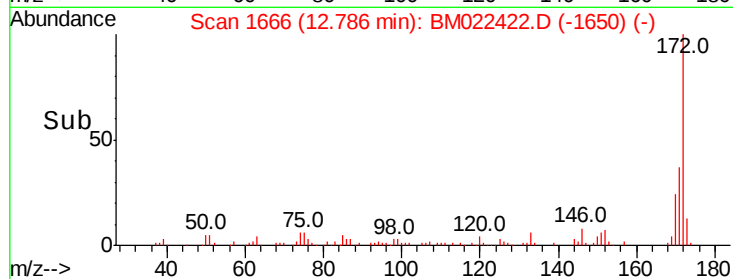
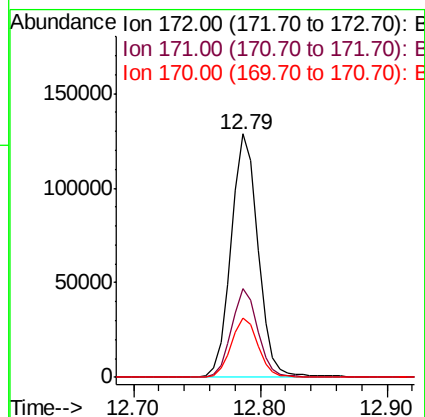
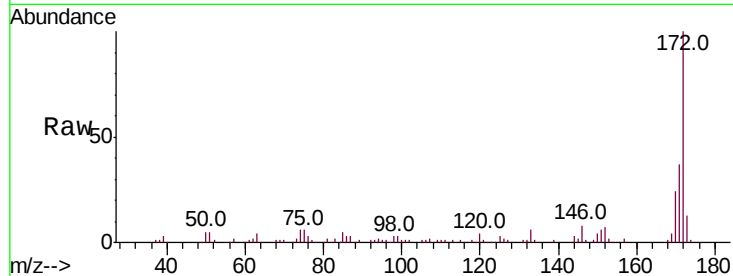
#45
 2-Fluorobiphenyl
 Concen: 45.077 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Instrument :
 BNA_M
 ClientSampleId :
 S-2-(5-7)

Tot Ion:	172	Resp:	188590
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.5	42.7
170	24.3	18.9	28.3

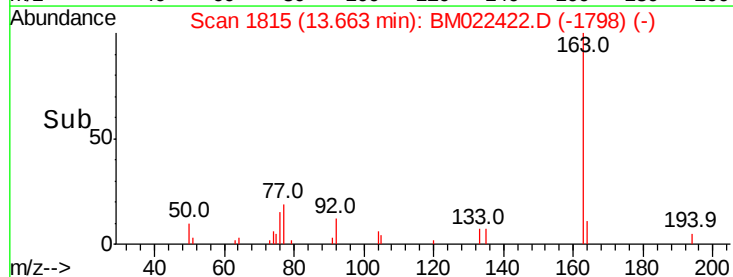
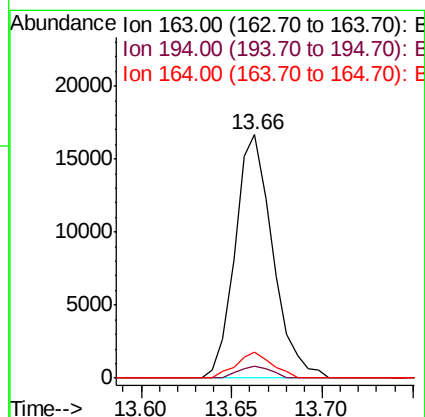
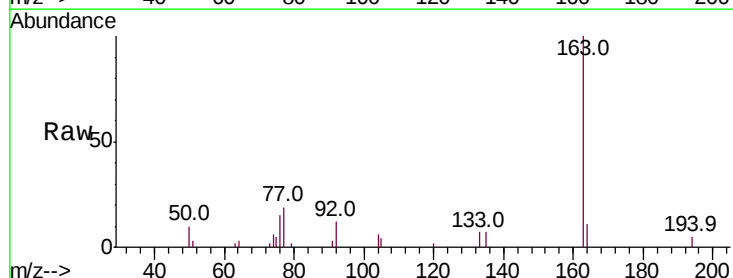
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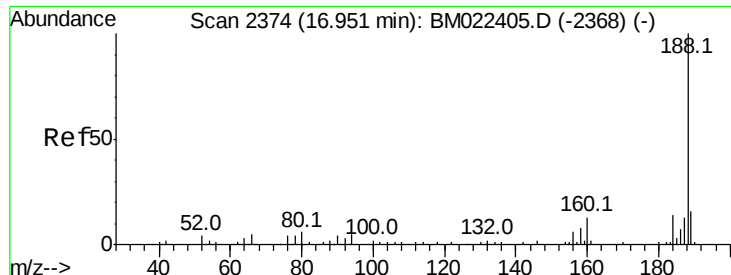
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#50
 Dimethylphthalate
 Concen: 5.835 ng
 RT: 13.66 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Tgt Ion:	163	Resp:	24053
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.6	8.2	12.2





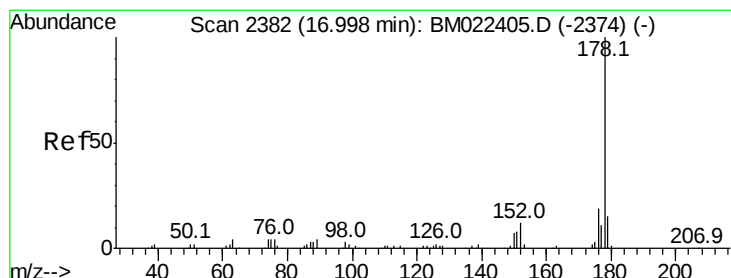
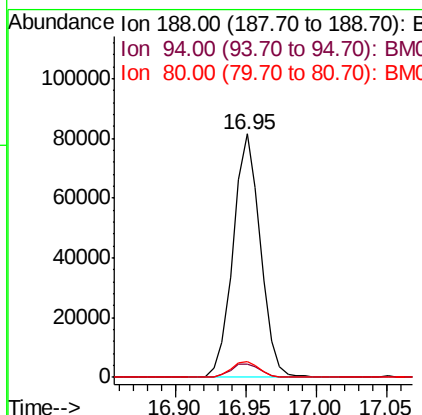
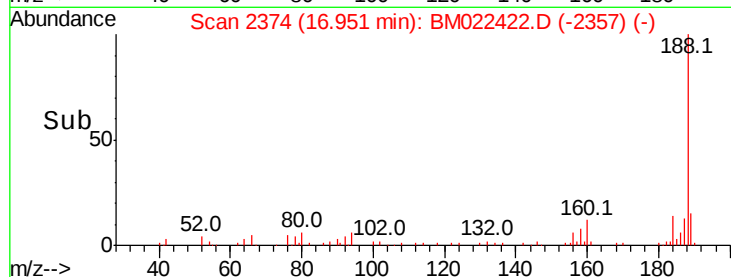
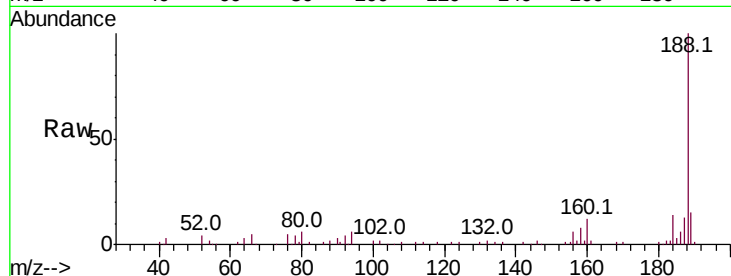
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.95 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Instrument :
 BNA_M
 ClientSampled :
 S-2-(5-7)

Tot Ion:188	Resp: 109587
Ion Ratio	Lower Upper
188 100	
94 5.5	4.4 6.6
80 6.4	5.0 7.6

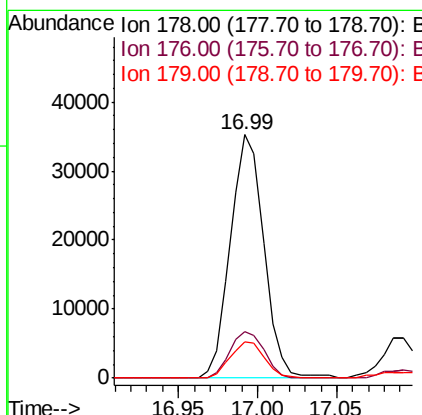
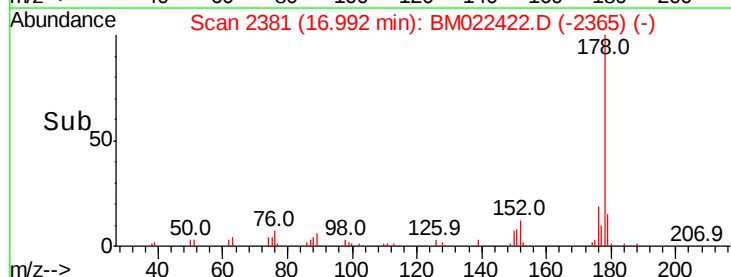
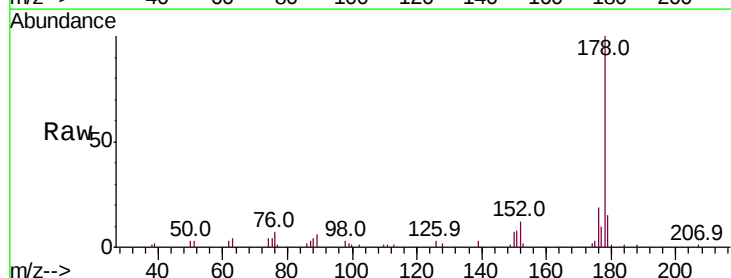
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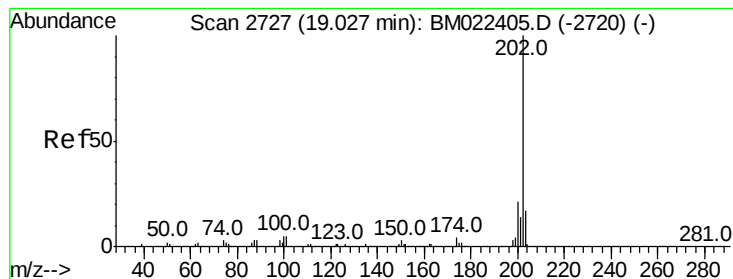
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#71
 Phenanthrene
 Concen: 8.098 ng
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Tgt Ion:178	Resp: 51727
Ion Ratio	Lower Upper
178 100	
176 18.9	15.4 23.2
179 14.7	12.3 18.5





#75

Fluoranthene

Concen: 9.198 ng

RT: 19.02 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Instrument :

BNA_M

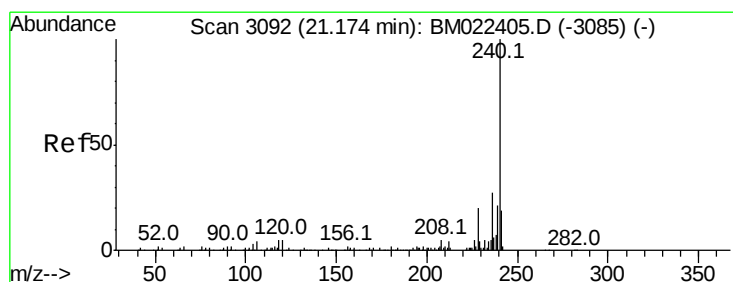
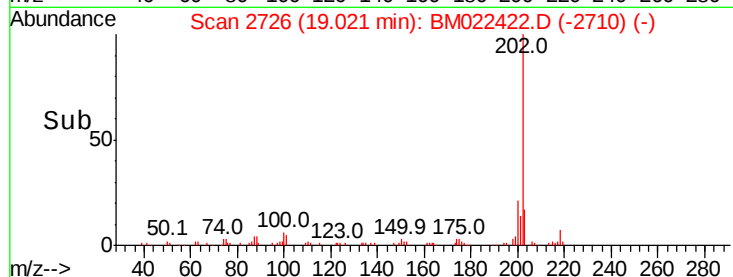
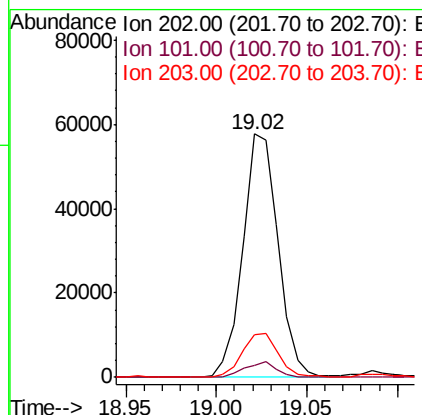
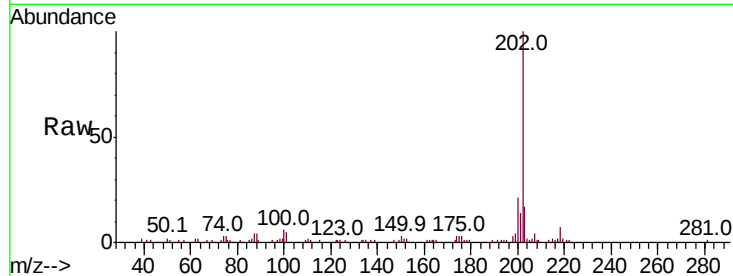
ClientSampleId :

S-2-(5-7)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.0	0.0	25.1
203	17.3	0.0	37.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

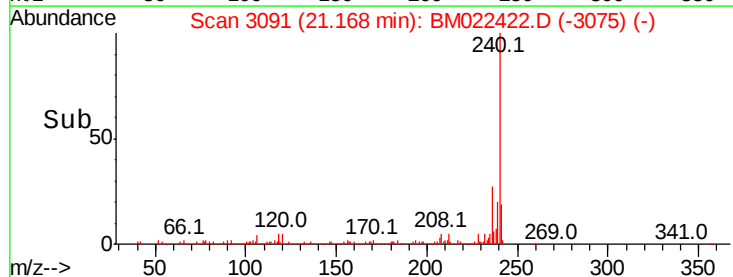
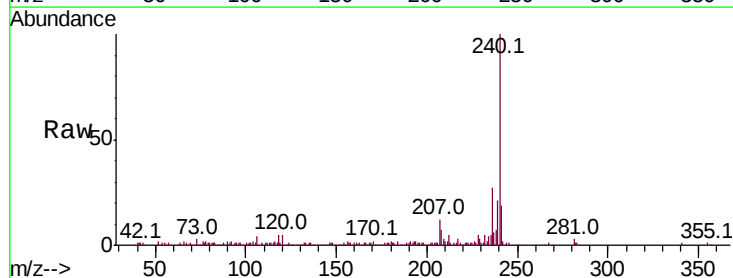
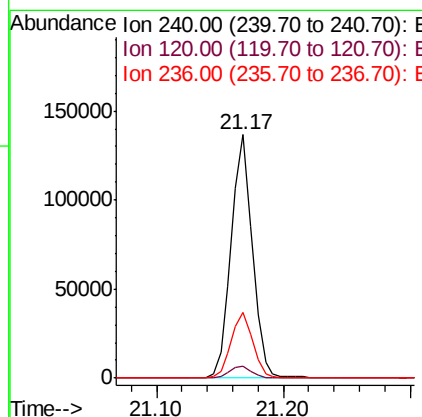
RT: 21.17 min Scan# 3091

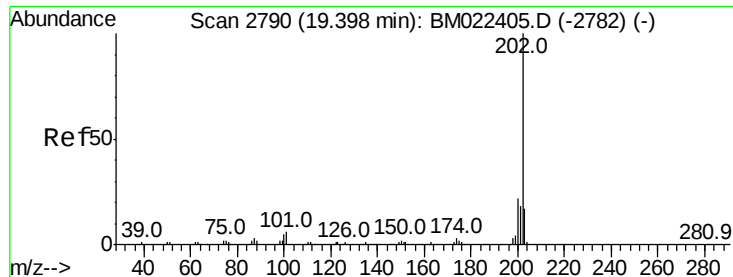
Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.9	3.9	5.9
236	26.8	21.4	32.2





#78

Pvrene

Concen: 7.154 ng

RT: 19.39 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Instrument :

BNA_M

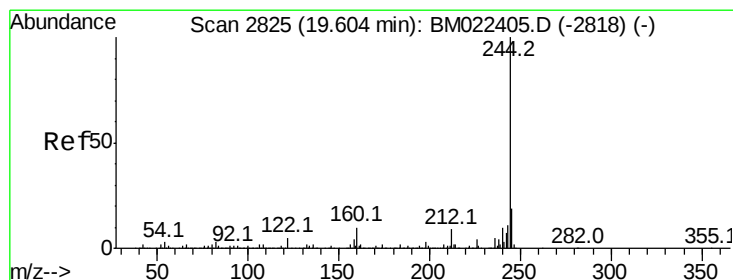
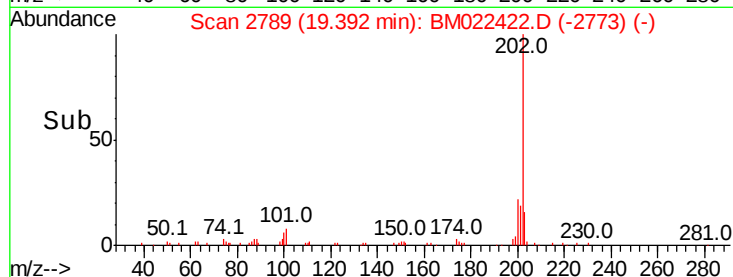
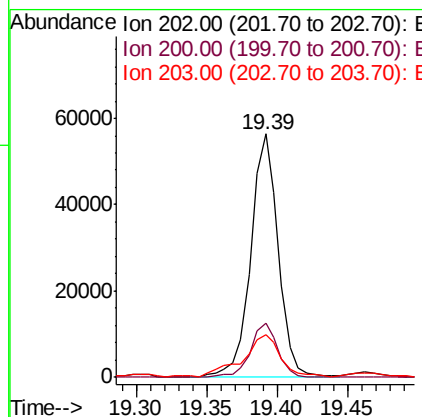
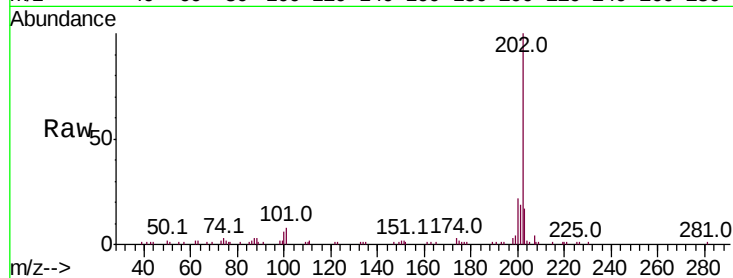
ClientSampleId :

S-2-(5-7)

Tot Ion:	202	Resp:	77350
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	17.4	13.8	20.8

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#79

Terphenyl-d14

Concen: 30.694 ng

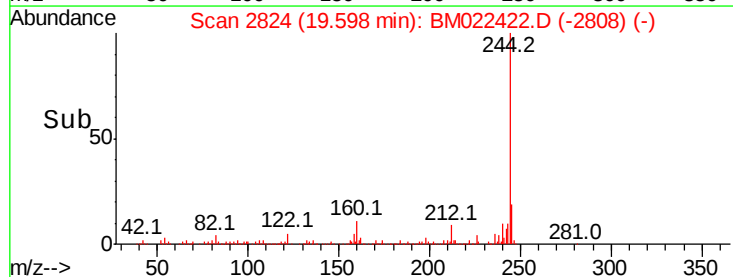
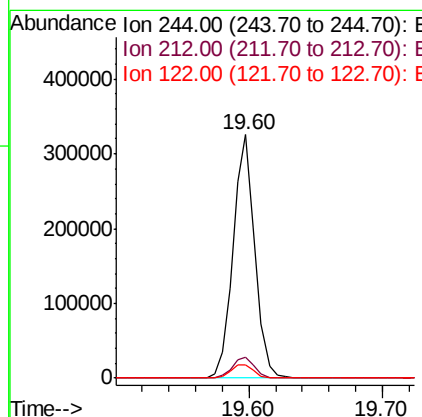
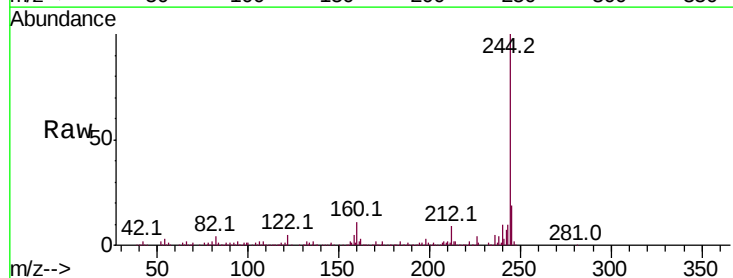
RT: 19.60 min Scan# 2824

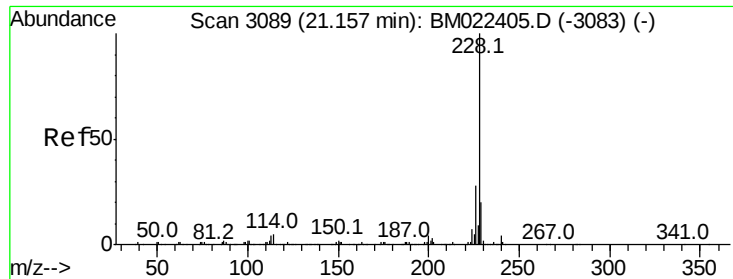
Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Tgt Ion:	244	Resp:	368987
Ion Ratio	Lower	Upper	
244	100		
212	8.6	7.0	10.4
122	5.3	3.9	5.9





#81

Benzo(a)anthracene

Concen: 4.238 ng

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Instrument :

BNA_M

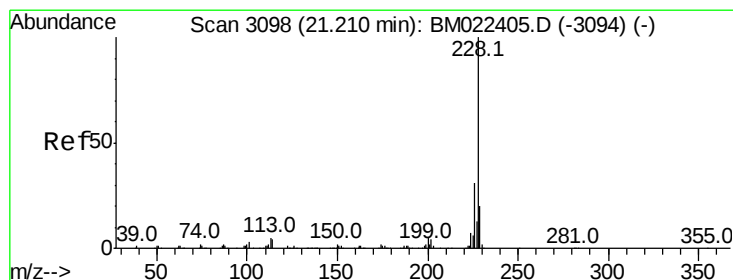
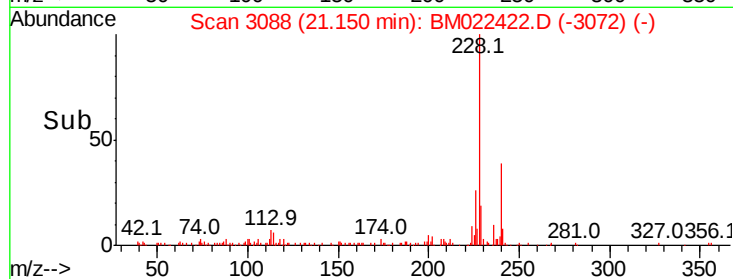
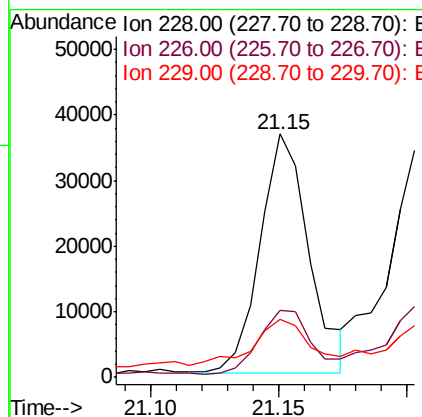
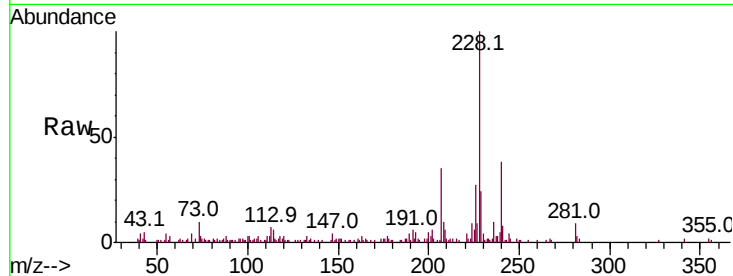
ClientSampled :

S-2-(5-7)

Tot Ion:	228	Resp:	48257
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	34.0
229	24.0	15.9	23.9

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#83

Chrysene

Concen: 4.471 ng

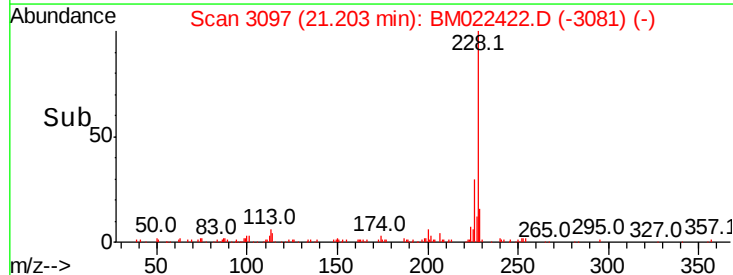
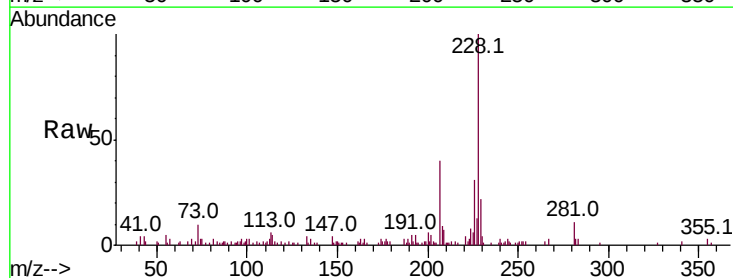
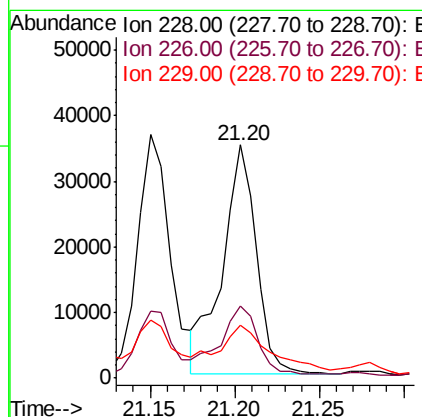
RT: 21.20 min Scan# 3097

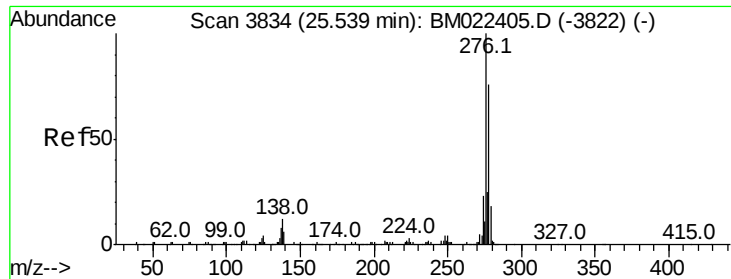
Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Tgt Ion:	228	Resp:	48466
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.5	36.7
229	22.5	15.7	23.5





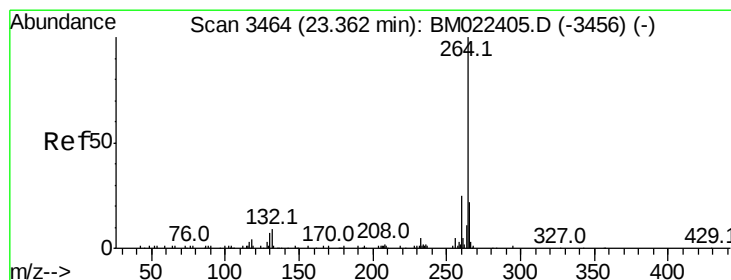
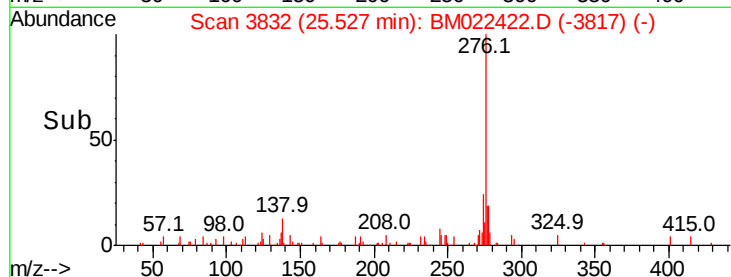
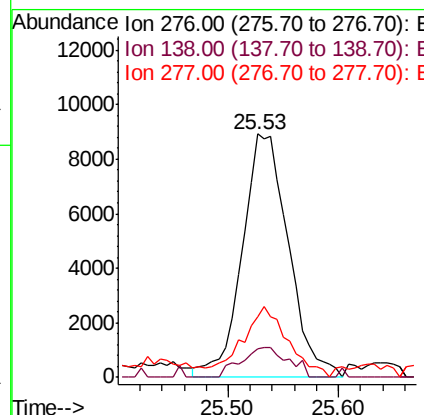
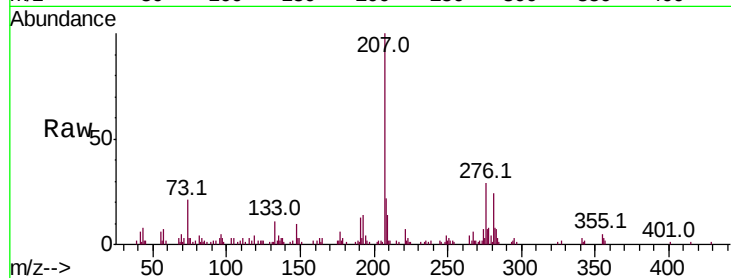
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.414 ng
 RT: 25.53 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Instrument :
 BNA_M
 ClientSampleId :
 S-2-(5-7)

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.5	9.1	13.7
277	28.8	20.0	30.0

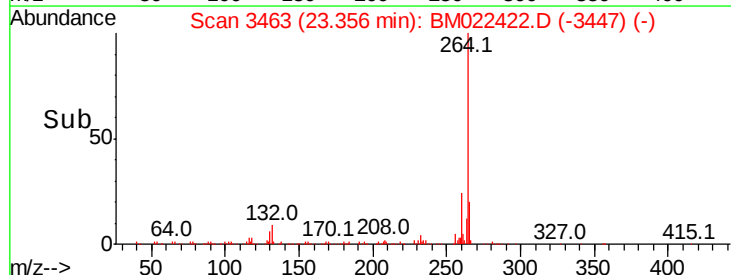
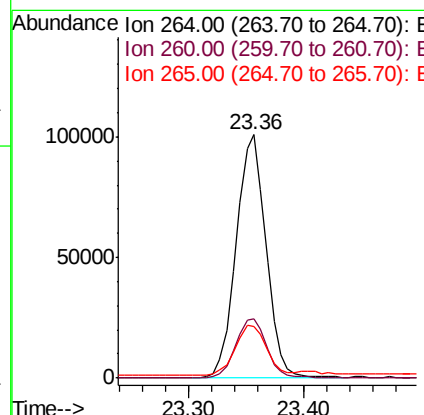
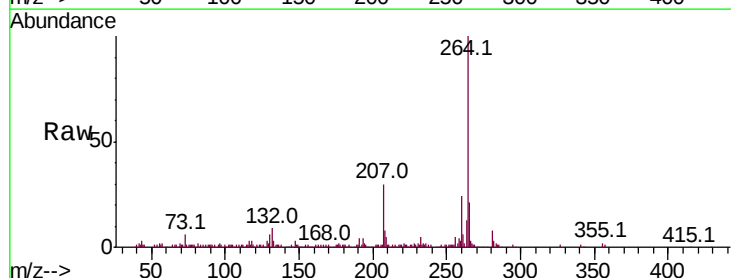
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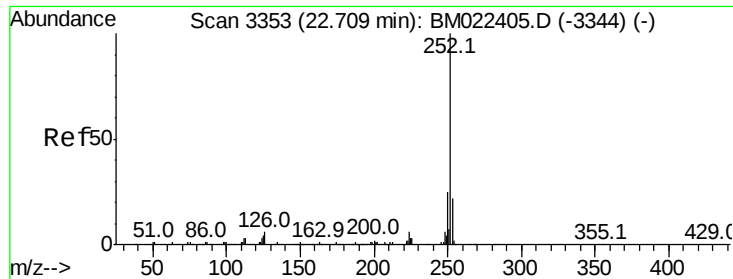
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BM022422.D
 Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.2	30.2
265	21.4	18.2	27.2





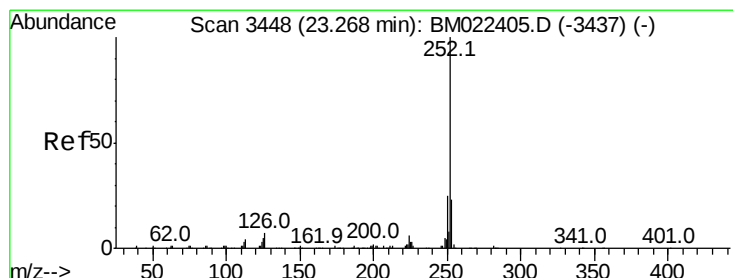
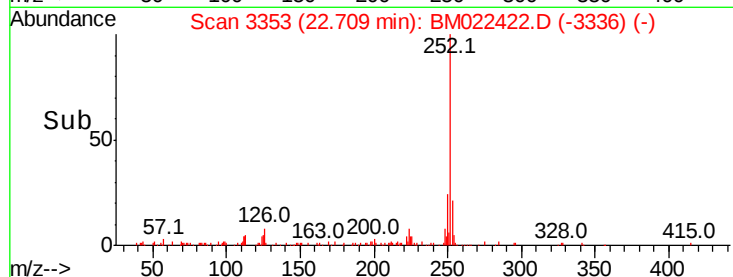
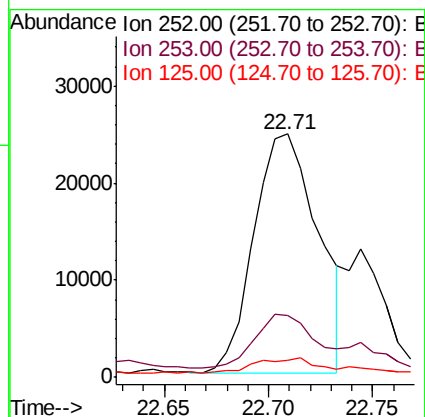
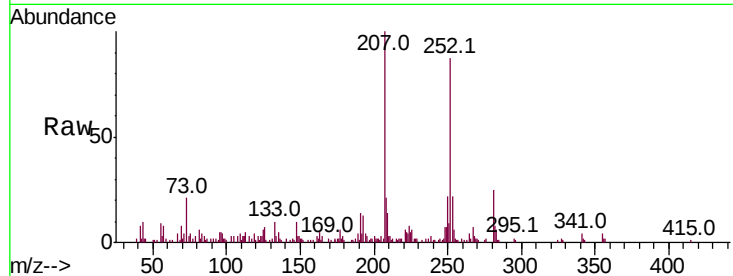
#88
Benzo(b)fluoranthene
Concen: 4.225 ng m
RT: 22.71 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Instrument :
BNA_M
ClientSampleId :
S-2-(5-7)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	6.8	3.5	5.3

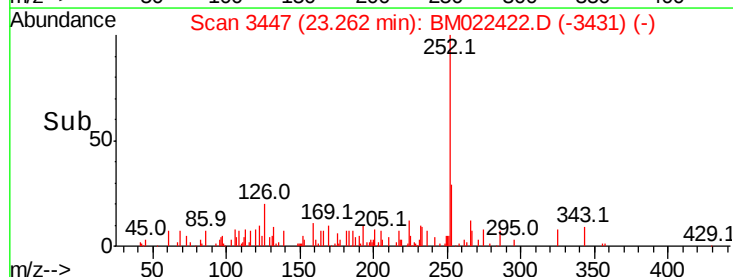
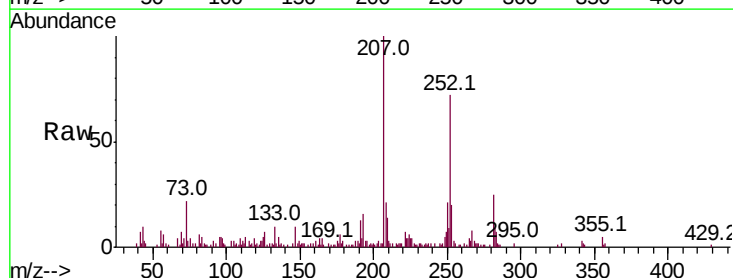
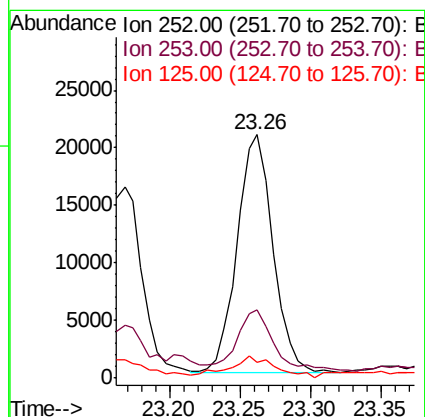
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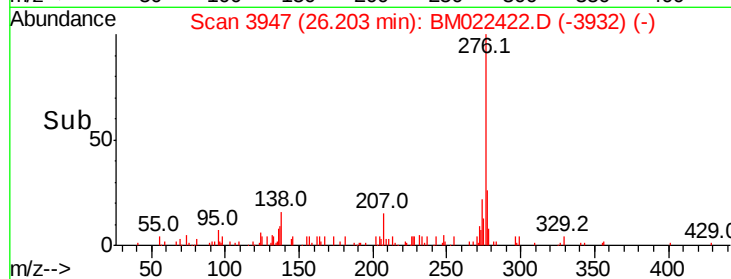
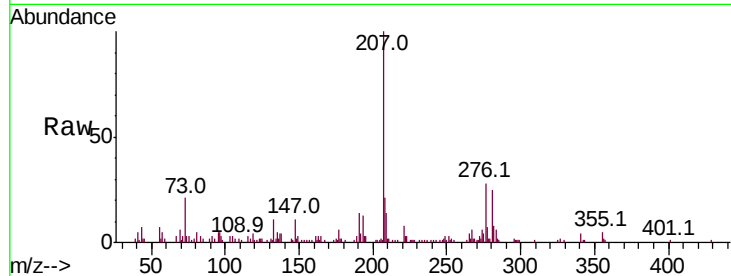
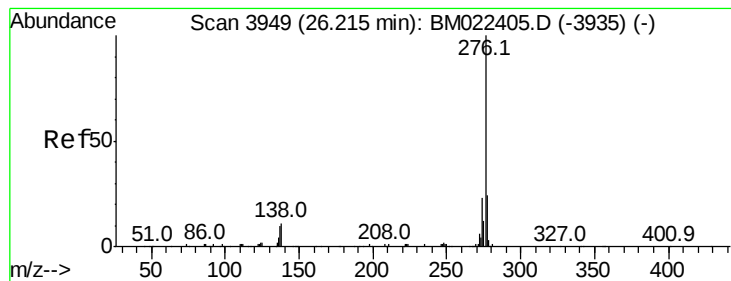
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#90
Benzo(a)pyrene
Concen: 3.288 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022422.D
Acq: 29 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.2	27.2
125	6.4	3.8	5.8





#92

Benzo(a,h,i)perylene

Concen: 2.787 ng

RT: 26.20 min Scan# 3947

Delta R.T. -0.01 min

Lab File: BM022422.D

Acq: 29 Aug 2019 23:49

Instrument :

BNA_M

ClientSampleId :

S-2-(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	26.3	19.4	29.0	
138	15.8	8.8	13.2	

Manual Integrations
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