Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020420\
Data File : BM024710.D
Acq On : 04 Feb 2020 17:19
Operator : CG/JU
Sample : L1351-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TAL-1DL

Manual Integrations APPROVED
mohammad
2/10/2020 8:10:06 AM

Quant Time: Feb 05 04:05:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	232843	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	873076	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	608176	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1384644	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1442597	20.00	ng	-0.02
87) Perylene-d12	23.15	264	1671442	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	100573	8.21	ng	-0.02
7) Phenol-d6	6.62	99	123569	7.33	ng	-0.03
23) Nitrobenzene-d5	8.56	82	81341	4.57	ng	-0.03
42) 2,4,6-Tribromophenol	15.57	330	77849	7.87	ng	-0.02
45) 2-Fluorobiphenyl	12.69	172	207535	4.64	ng	-0.02
79) Terphenyl-d14	19.49	244	399554	5.17	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	16.87	178	303674	4.050	ng	99
75) Fluoranthene	18.90	202	530654	5.670	ng	99
78) Pyrene	19.26	202	438475	4.611	ng	100
81) Benzo(a)anthracene	21.03	228	252899	2.526	ng	98
83) Chrysene	21.07	228	223374	2.338	ng	96
88) Benzo(b)fluoranthene	22.53	252	288740m	2.664	ng	
90) Benzo(a)pyrene	23.06	252	201084	2.040	ng	96

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

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Instrument :
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ClientSampleId :
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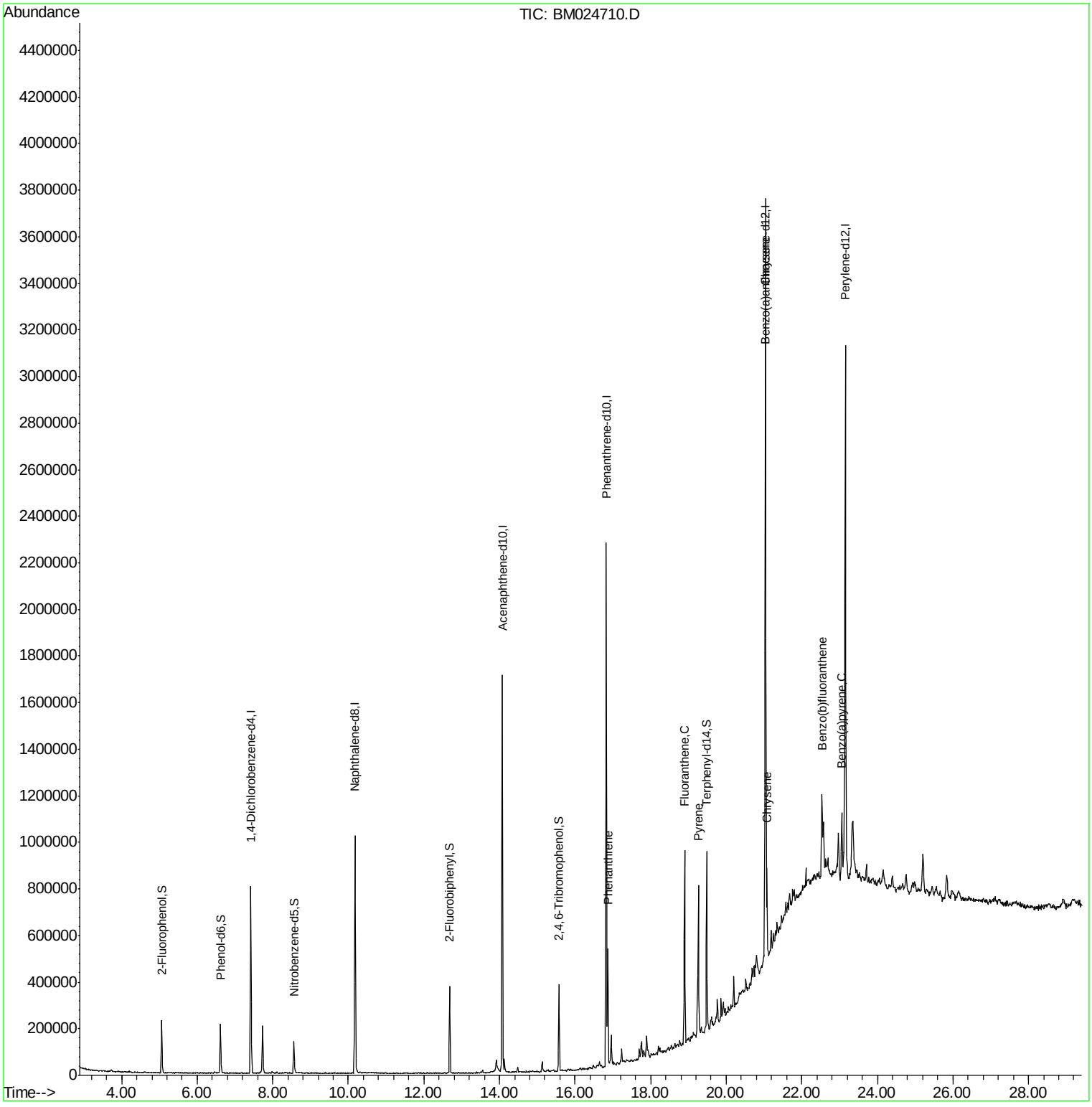
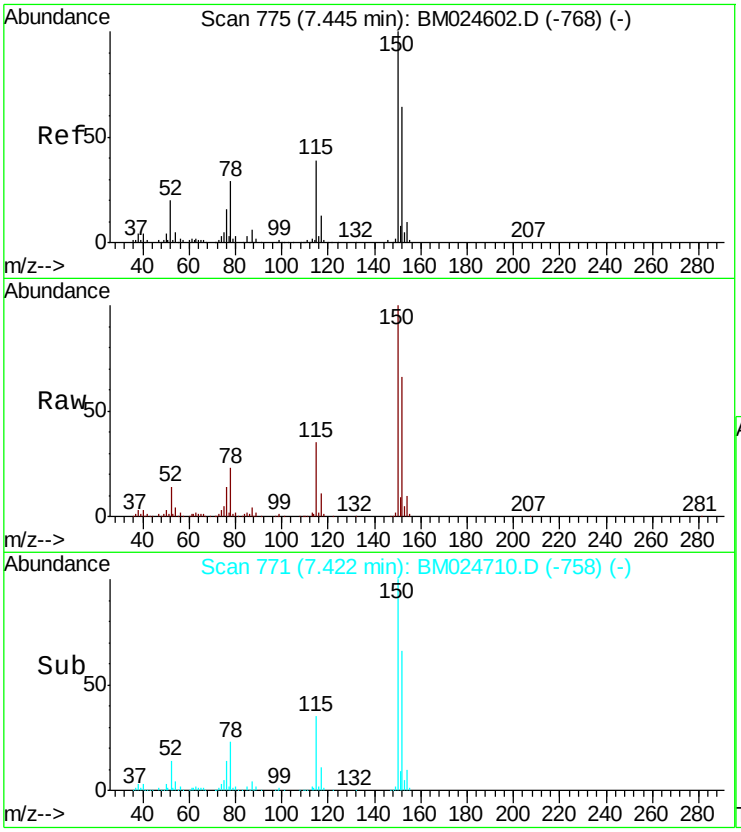
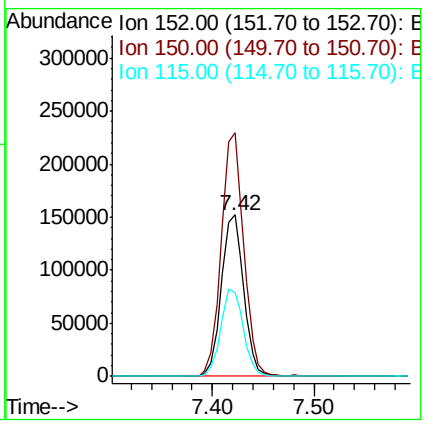




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:152 Resp: 232843

Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.2	186.4
115	52.2	48.6	72.8



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

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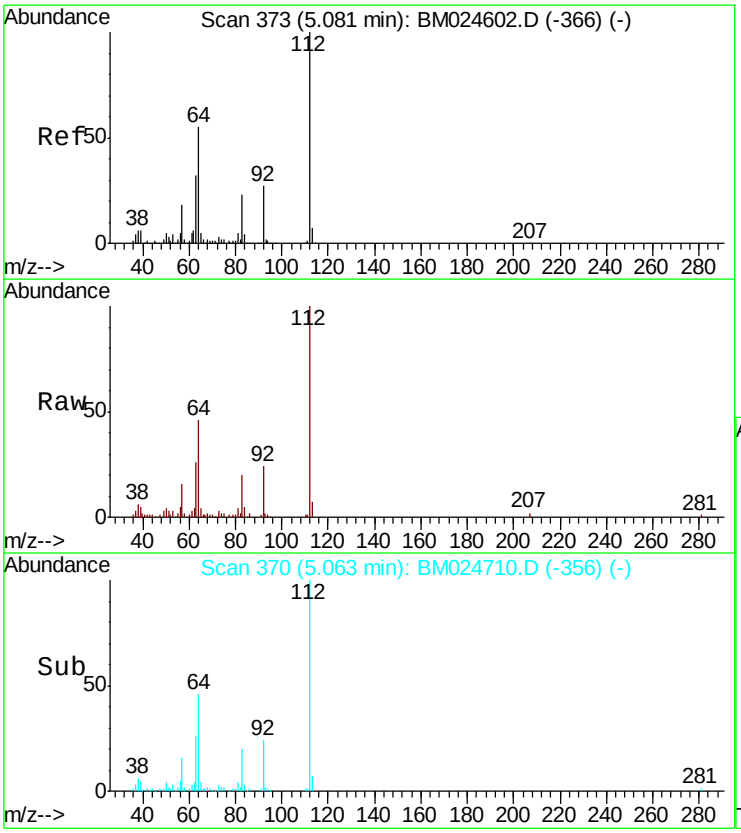
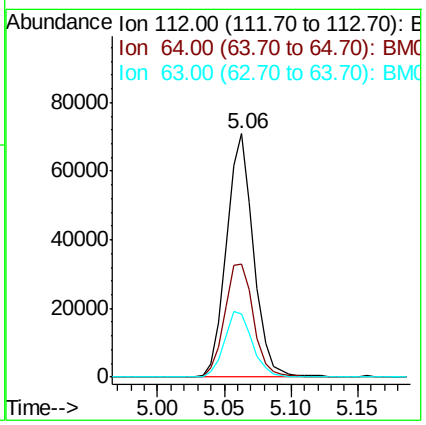
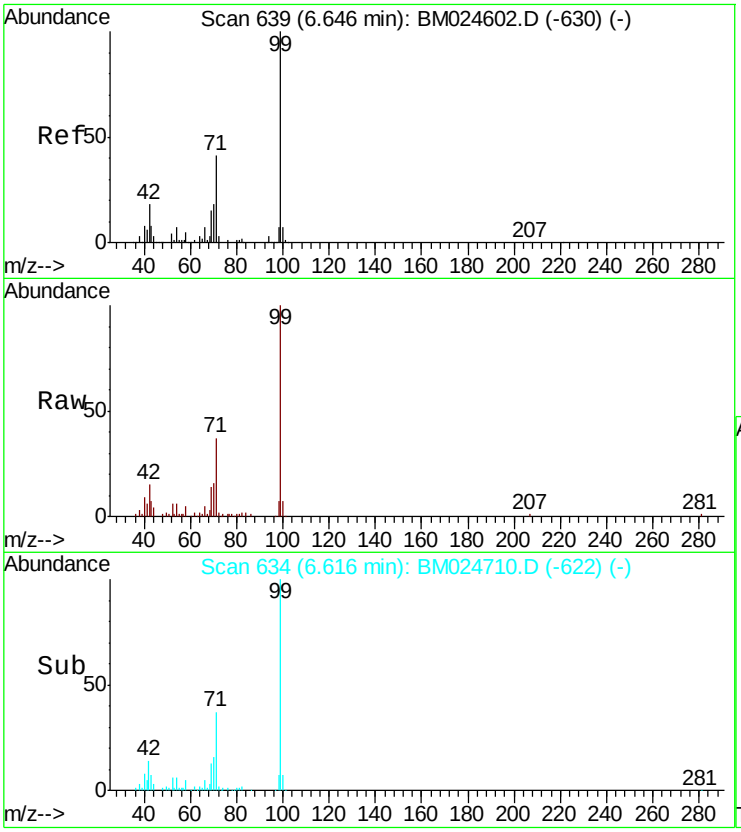


#5
2-Fluorophenol
Concen: 8.214 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:112 Resp: 100573

Ion	Ratio	Lower	Upper
112	100		
64	46.3	44.2	66.4
63	25.7	25.9	38.9#

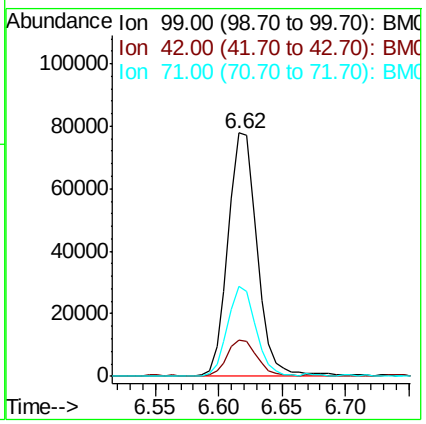




#7
Phenol-d6
Concen: 7.326 ng
RT: 6.62 min Scan# 634
Delta R.T. -0.03 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion: 99 Resp: 123569

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	37.2	33.0	49.6



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

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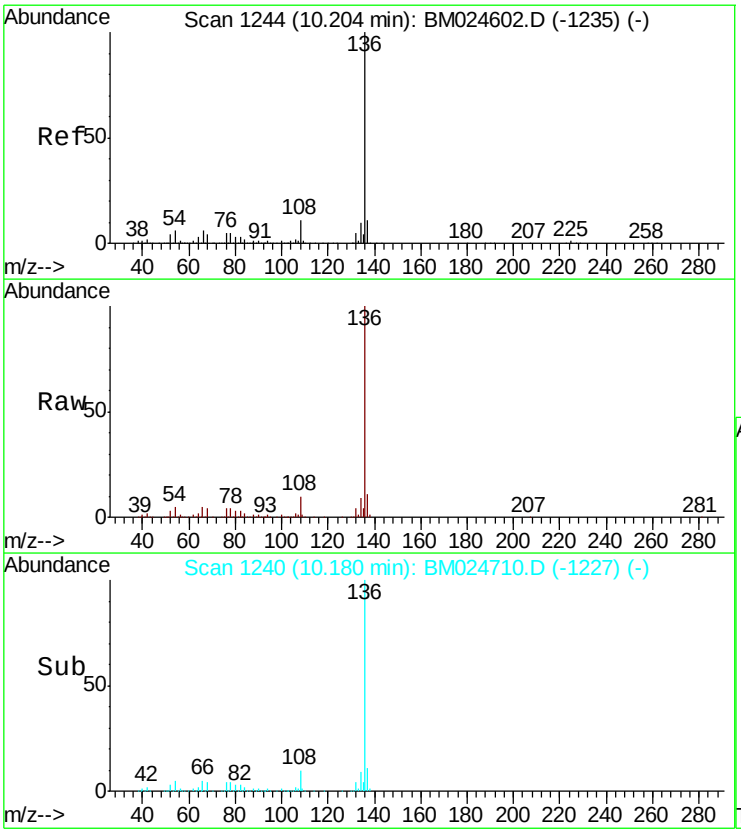
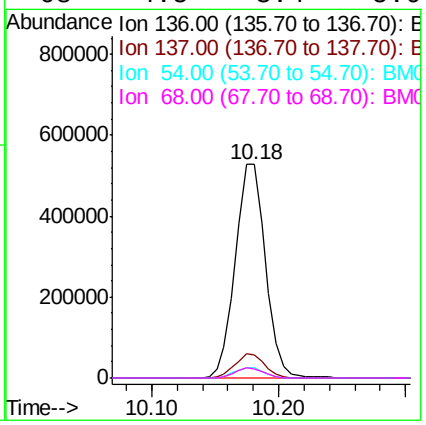
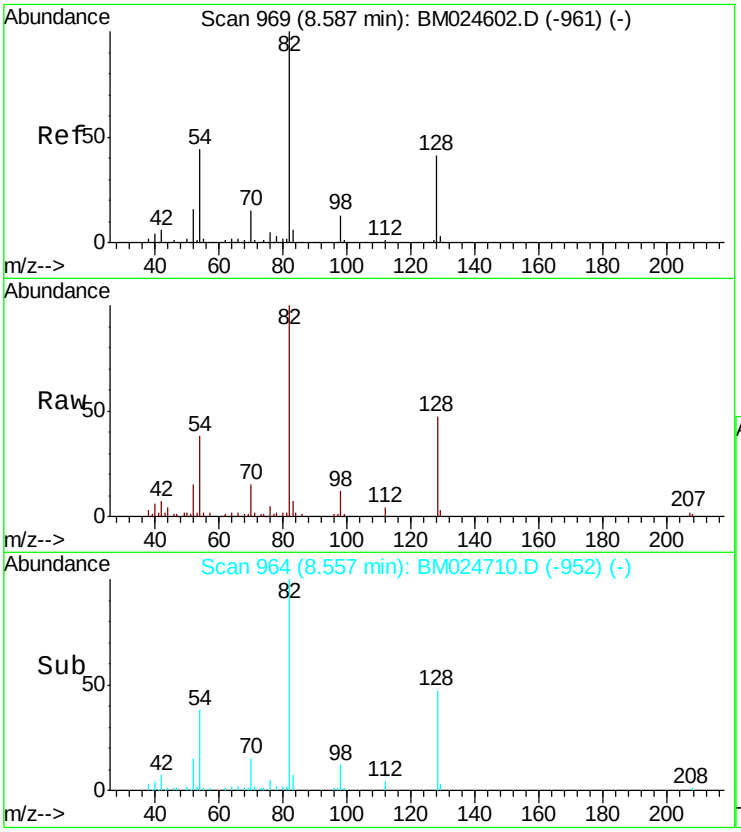


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:136 Resp: 873076

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.6	4.5	6.7
68	4.5	3.4	5.0

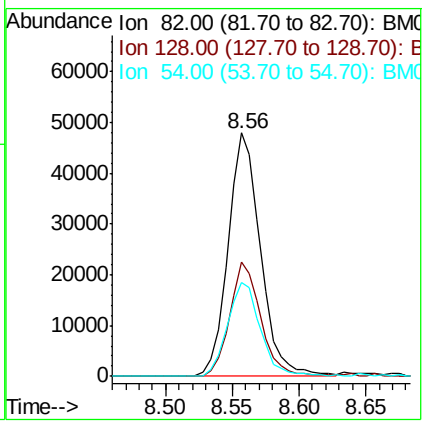




#23
Nitrobenzene-d5
Concen: 4.569 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.03 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion: 82 Resp: 81341

Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.6	48.8
54	38.4	34.8	52.2



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

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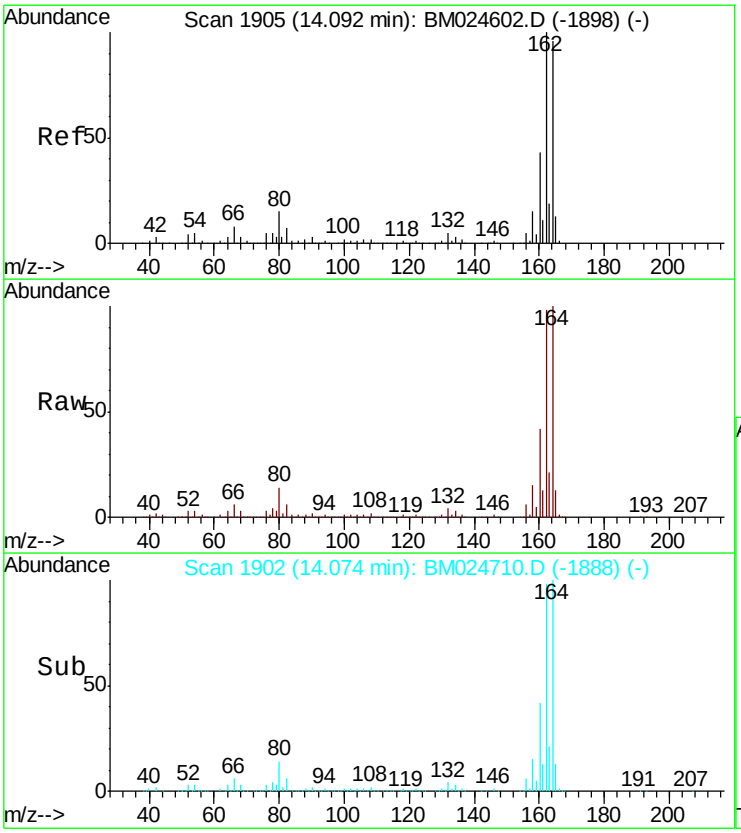
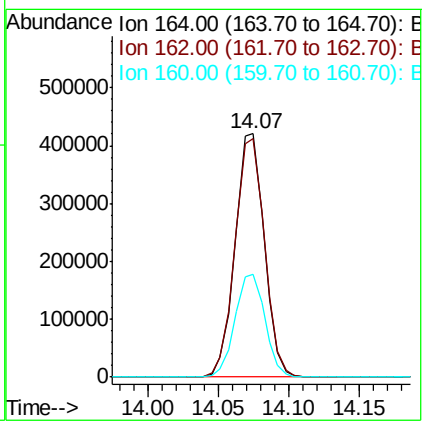
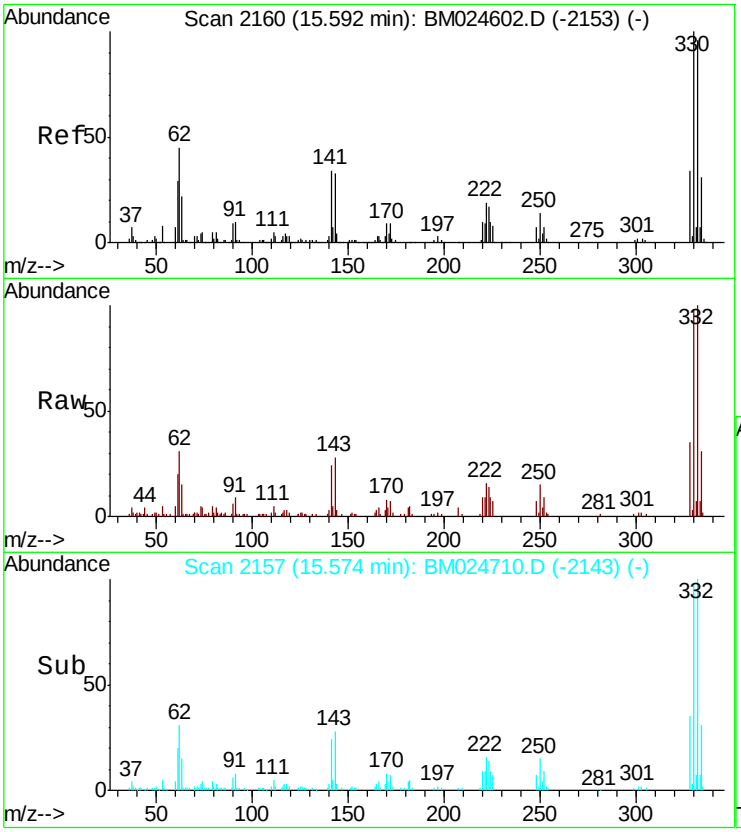


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:164 Resp: 608176

Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.9	124.3
160	42.1	35.5	53.3





#42
2,4,6-Tribromophenol
Concen: 7.869 ng
RT: 15.57 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:330 Resp: 77849

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.2	115.8
141	26.3	26.9	40.3#

Instrument :
BNA_M
ClientSampleId :
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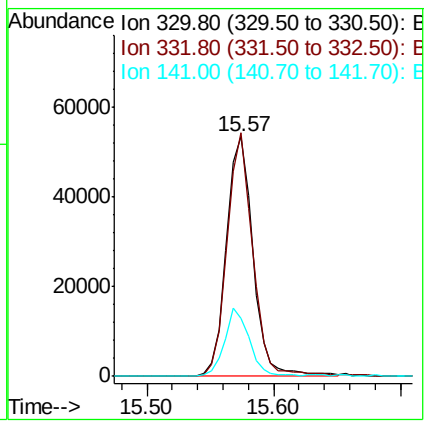
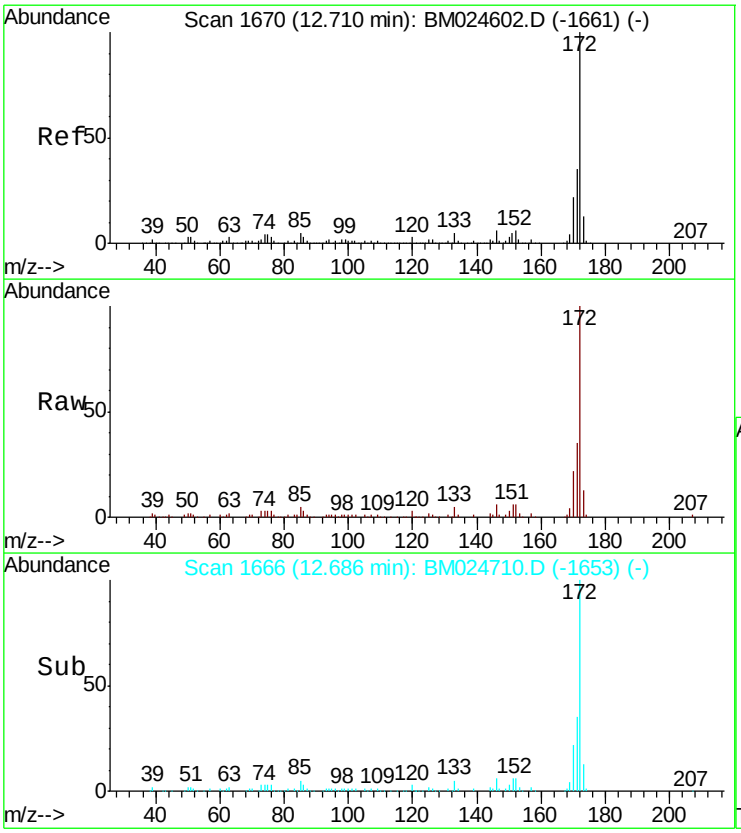
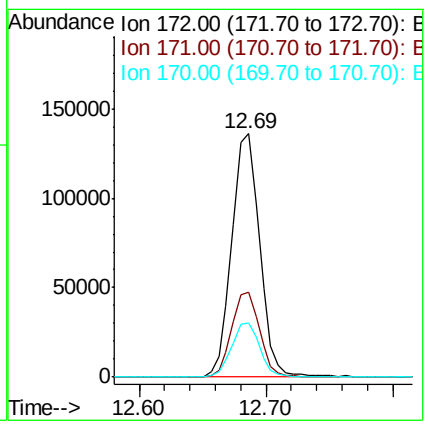


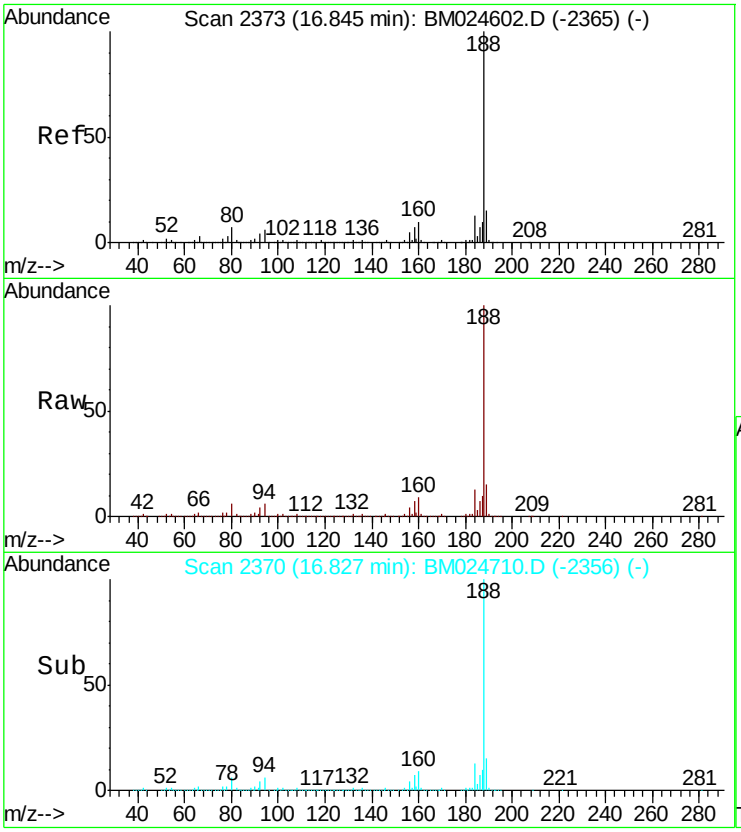


#45
2-Fluorobiphenyl
Concen: 4.639 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:172 Resp: 207535

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.0	17.9	26.9

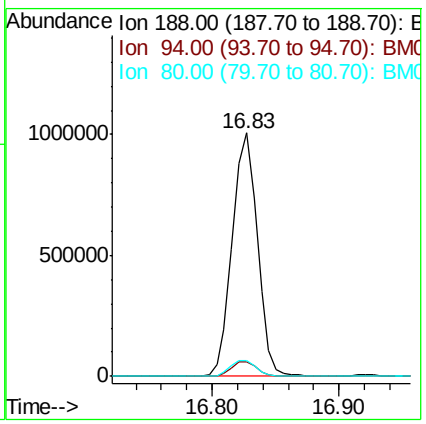




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:188 Resp: 1384644

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.6
80	6.5	5.8	8.8



Instrument :
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ClientSampleId :
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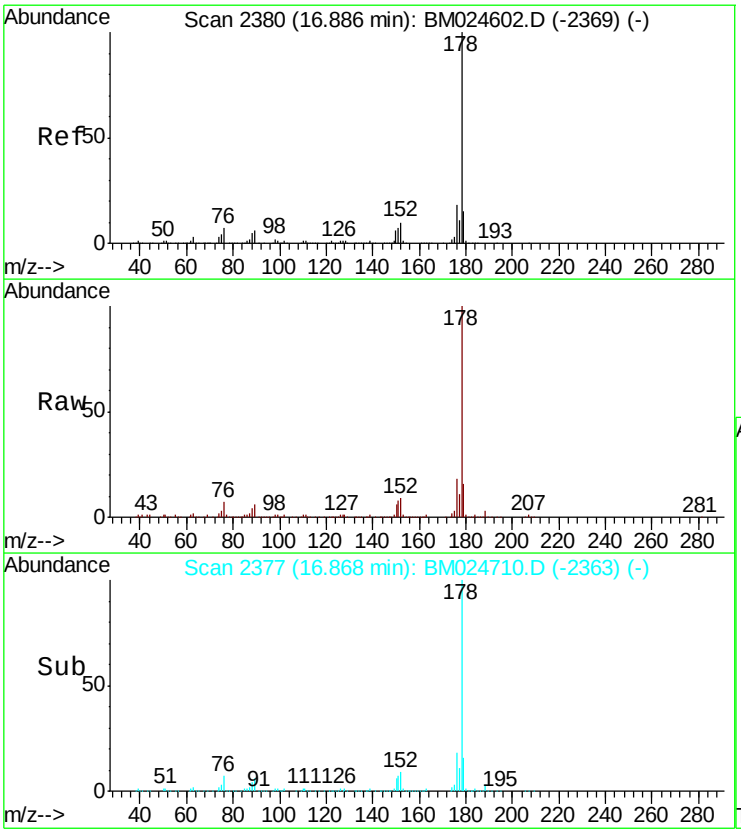
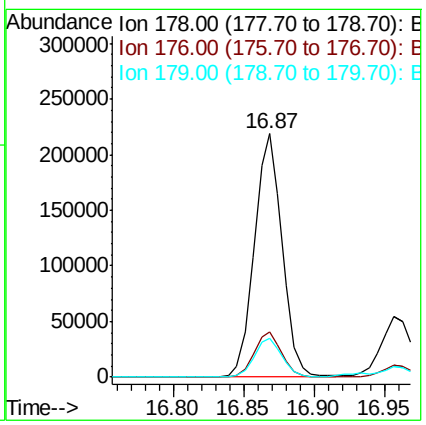
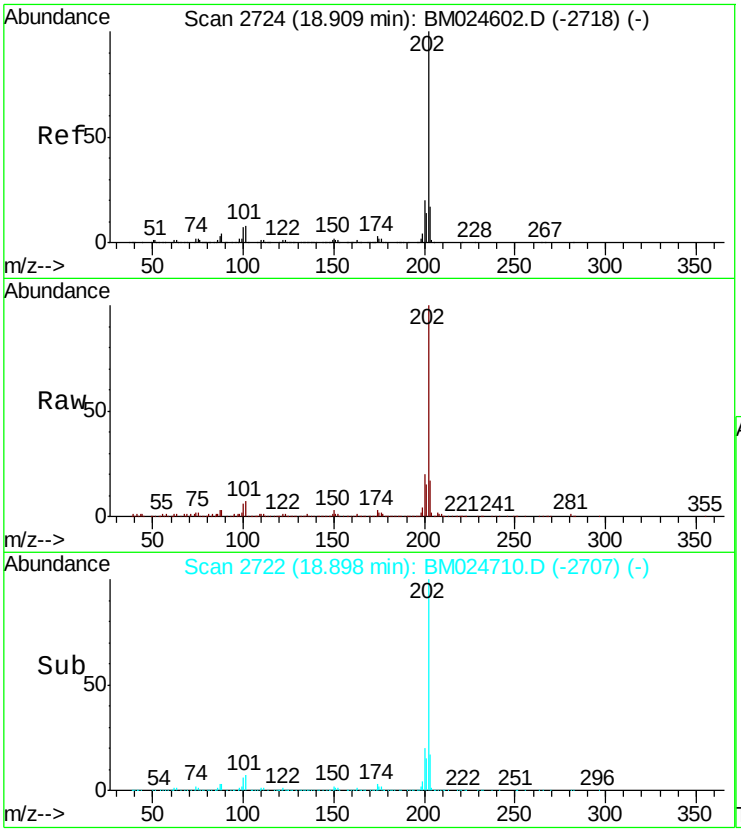


#71
Phenanthrene
Concen: 4.050 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:178 Resp: 303674

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.7	11.9	17.9

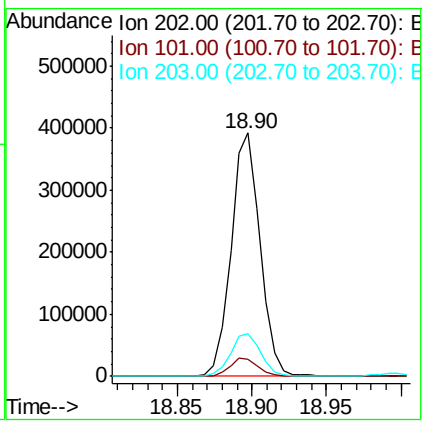




#75
Fluoranthene
Concen: 5.670 ng
RT: 18.90 min Scan# 2722
Delta R.T. -0.01 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:202 Resp: 530654

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.4
203	17.3	0.0	37.5



Instrument :
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ClientSampleId :
TAL-1DL

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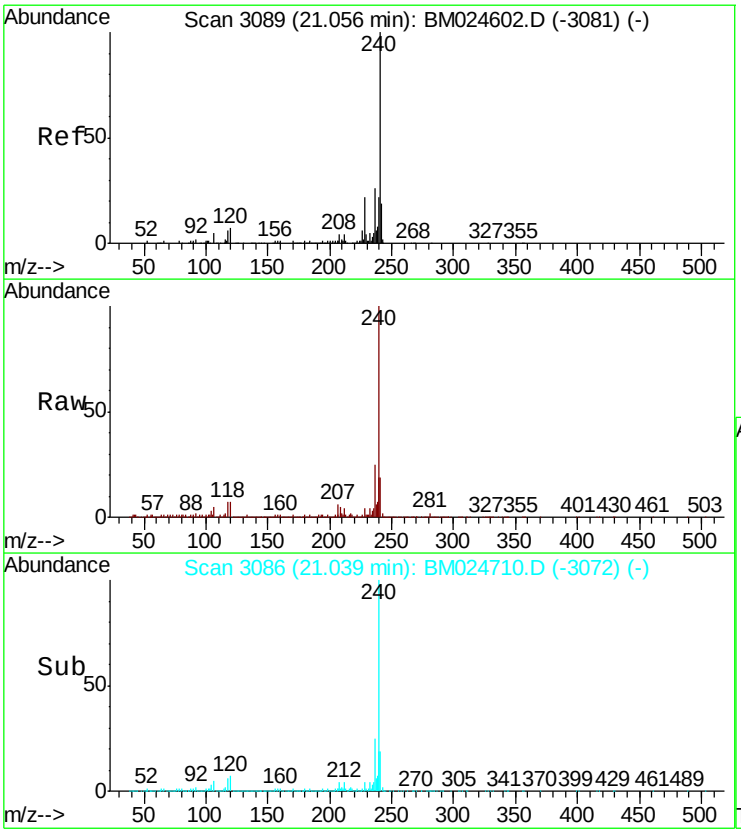
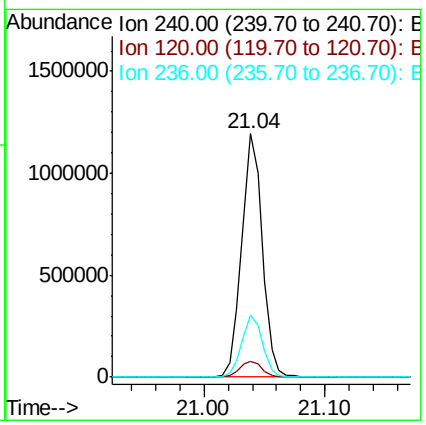
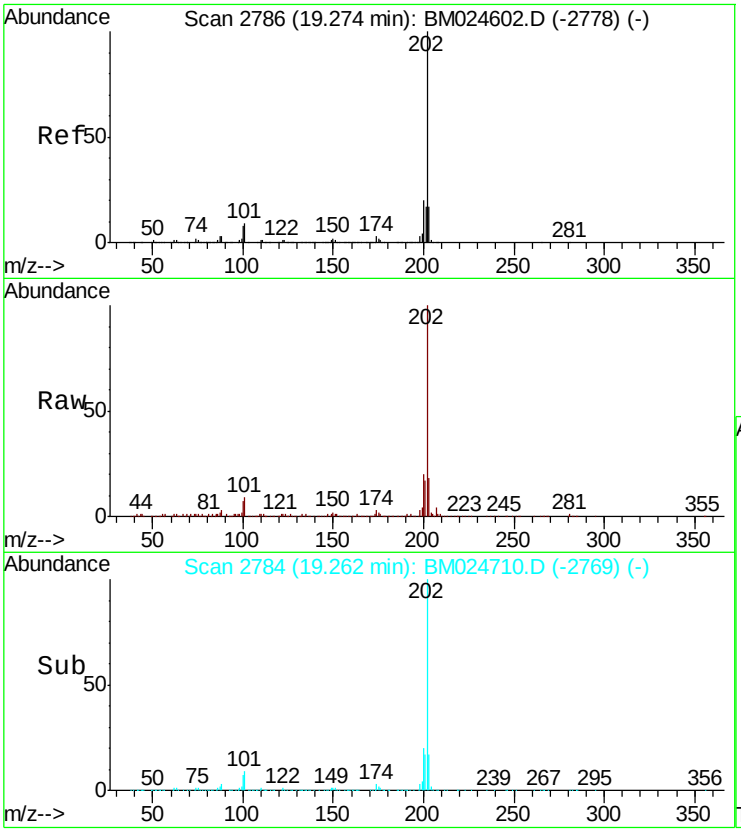


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:240 Resp: 1442597

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.3	7.9
236	25.4	20.6	31.0

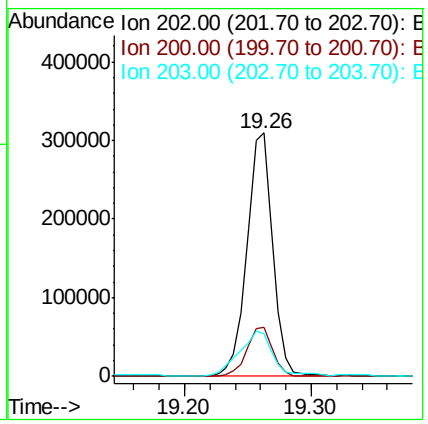




#78
Pyrene
Concen: 4.611 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:202 Resp: 438475

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.7	14.0	21.0



Instrument :
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ClientSampleId :
TAL-1DL

Manual Integrations APPROVED
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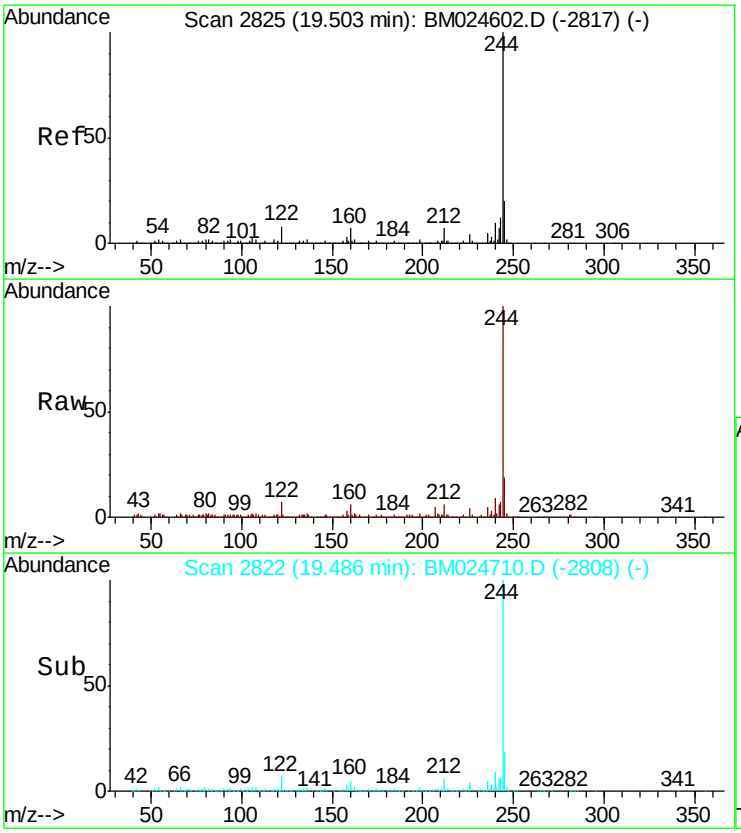
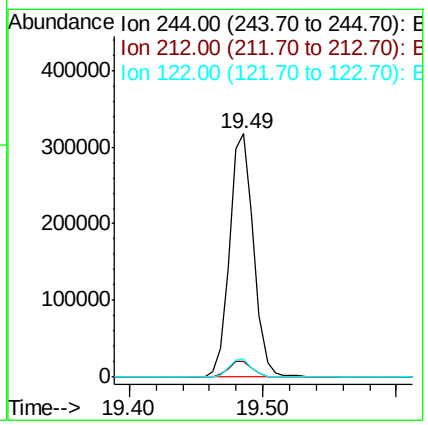
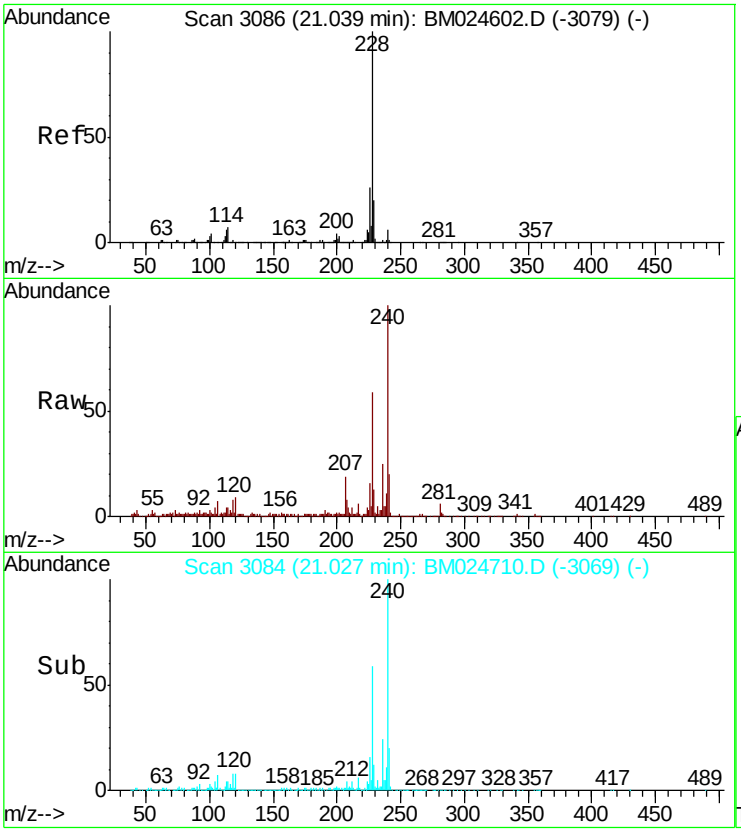


#79
Terphenyl-d14
Concen: 5.171 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:244 Resp: 399554

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	7.3	6.2	9.4

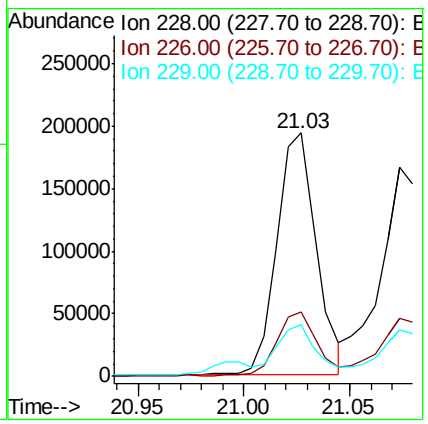




#81
Benzo(a)anthracene
Concen: 2.526 ng
RT: 21.03 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:228 Resp: 252899

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.1	31.7
229	21.4	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

Manual Integrations APPROVED
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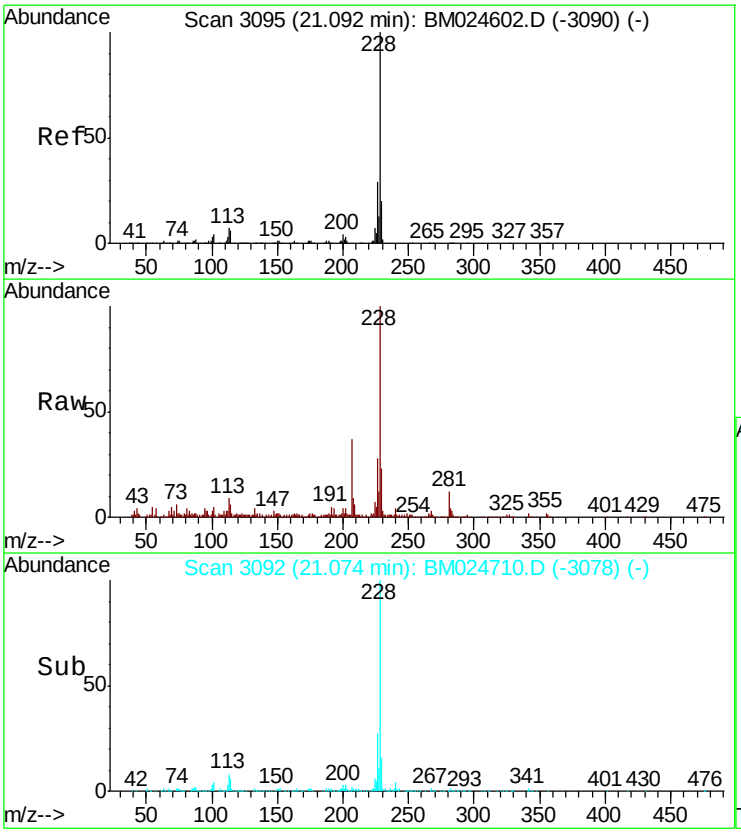
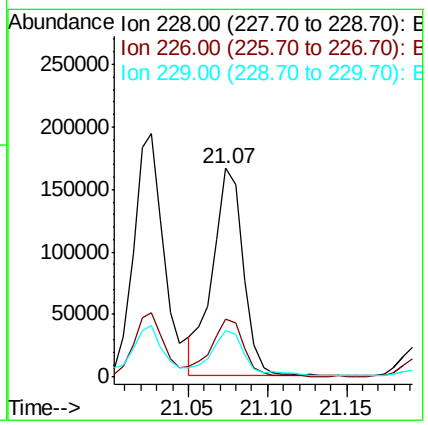
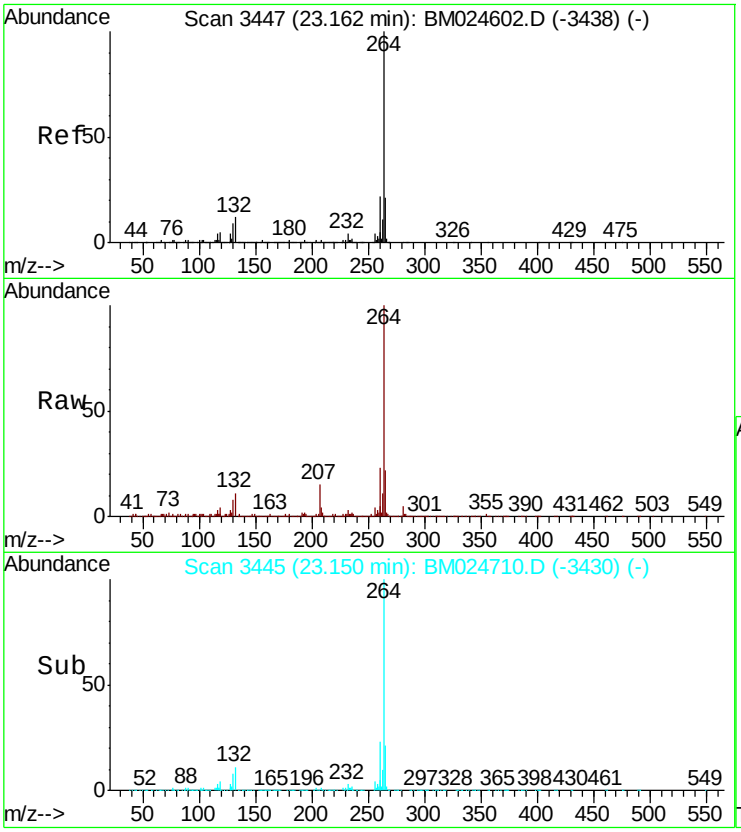


#83
Chrysene
Concen: 2.338 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:228 Resp: 223374

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	22.5	15.7	23.5

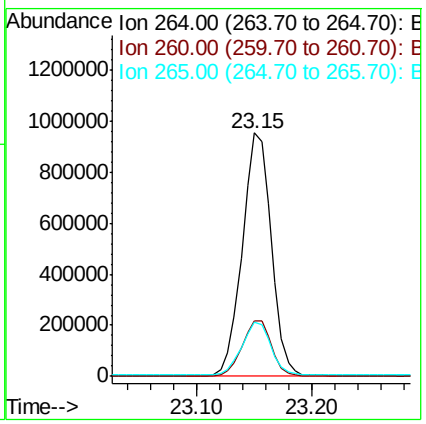




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.15 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:264 Resp: 1671442

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	22.0	17.3	25.9



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

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mohammad
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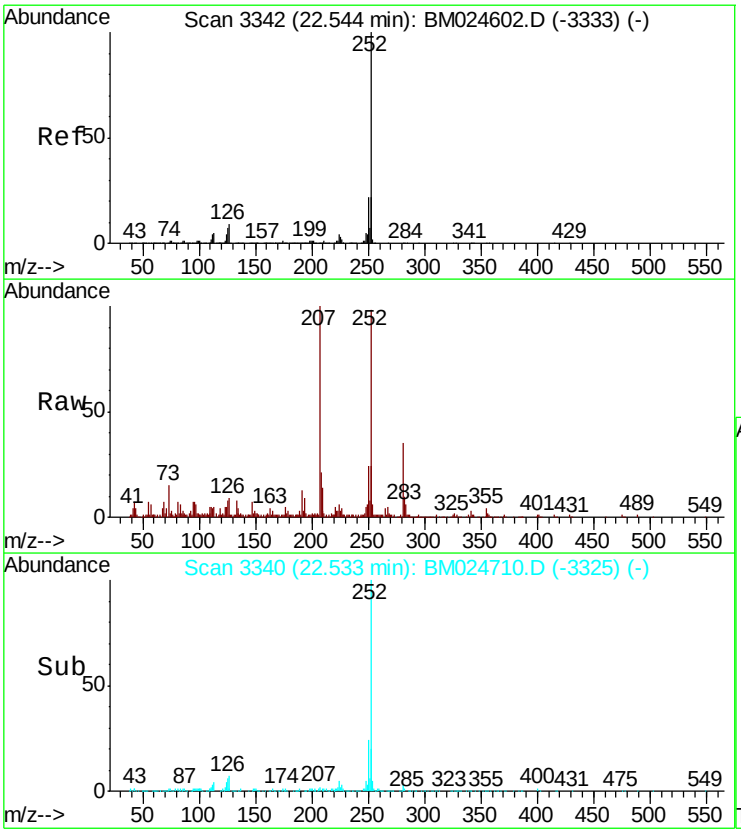
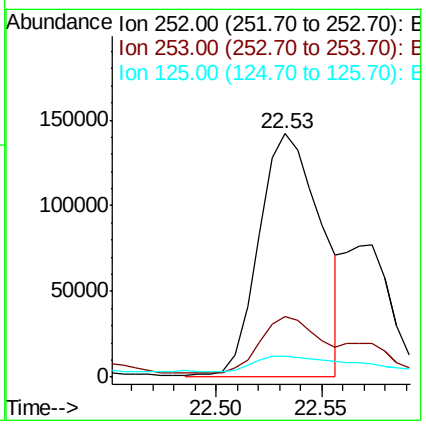
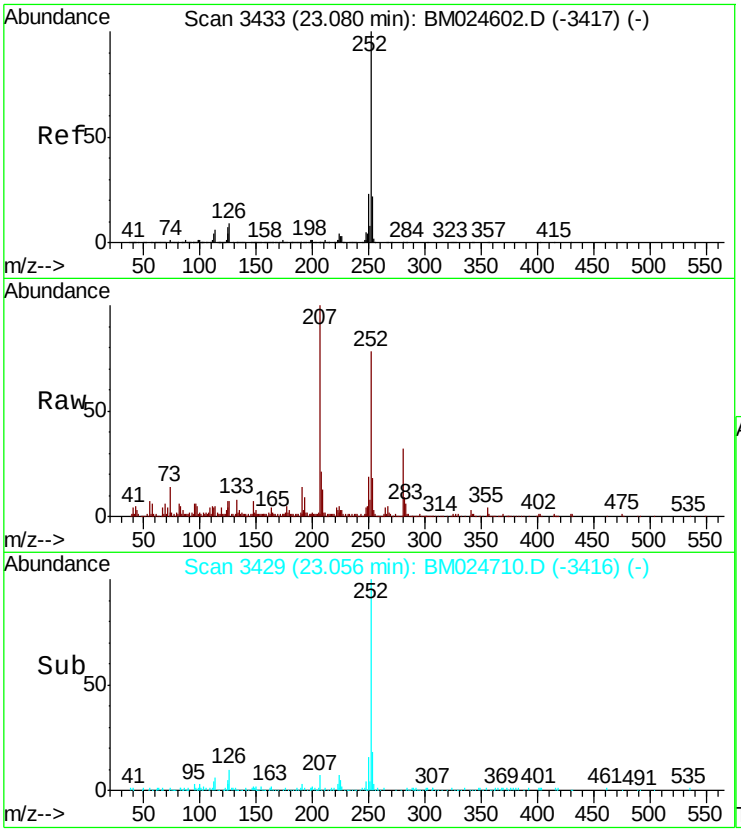


#88
Benzo(b)fluoranthene
Concen: 2.664 ng m
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:252 Resp: 288740

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	8.5	5.7	8.5

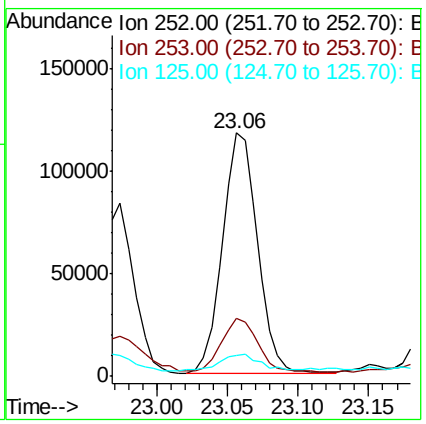




#90
Benzo(a)pyrene
Concen: 2.040 ng
RT: 23.06 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BM024710.D
Acq: 04 Feb 2020 17:19

Tgt Ion:252 Resp: 201084

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	8.4	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
TAL-1DL

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