Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029433.D
Acq On : 09 Apr 2021 16:10
Operator : CG/JU
Sample : M1881-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0MSD

Quant Time: Apr 09 16:50:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	97962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	372065	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	199710	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	352796	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	316116	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	343859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7385	2.88	ng/uL	0.01
5) Phenol-d5	6.86	99	129232	15.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	90331	17.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	105971	17.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	70488	11.14	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	47340	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	48418	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	88819	16.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	76841	11.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	248409	17.37	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	304419	16.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	30774	11.73	ng/ul	0.00
58) Fluorene-d10	15.32	176	203580	16.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	19079	9.51	ng/ul	0.00
71) Anthracene-d10	17.16	188	278344	17.36	ng/ul	0.00
79) Pyrene-d10	19.45	212	293011	19.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	307763	17.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	183042	20.904	ng/ul	99
10) 2-Chlorophenol	7.25	128	135846	20.420	ng/ul	99
14) Acetophenone	8.50	105	10392	1.005	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	115624	20.965	ng/ul	96
33) 4-Chloro-3-methylphenol	11.75	107	111249	19.089	ng/ul	99
50) Acenaphthene	14.39	153	270369	20.563	ng/ul	97
53) 4-Nitrophenol	14.53	109	46301	17.575	ng/ul	95
55) 2,4-Dinitrotoluene	14.69	165	80379	20.187	ng/ul	91
69) Pentachlorophenol	16.72	266	43334	19.399	ng/ul	97
77) Fluoranthene	19.12	202	35068	1.525	ng/ul	96
80) Pyrene	19.48	202	504179	24.083	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	22206	1.003	ng/ul#	75

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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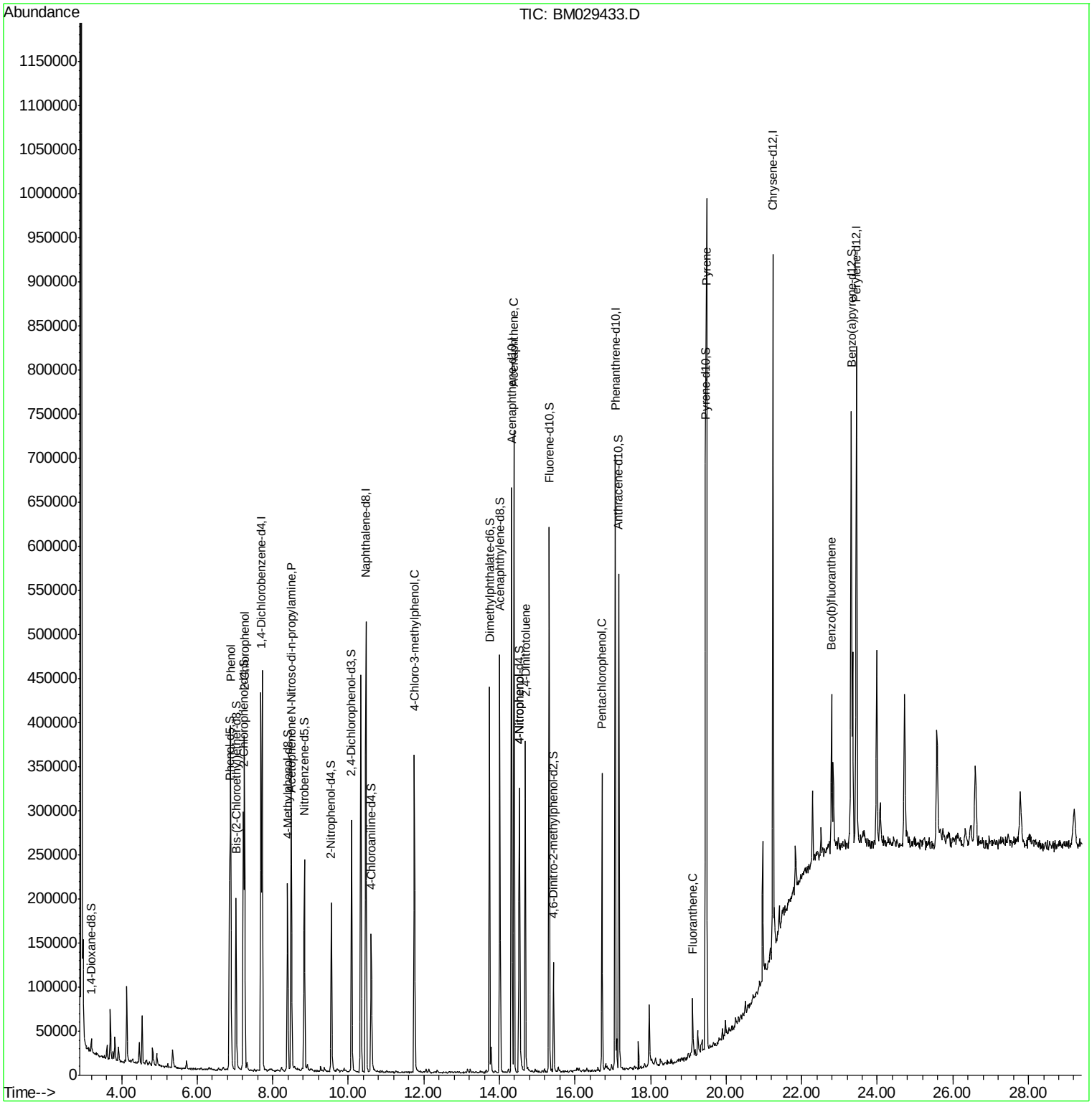
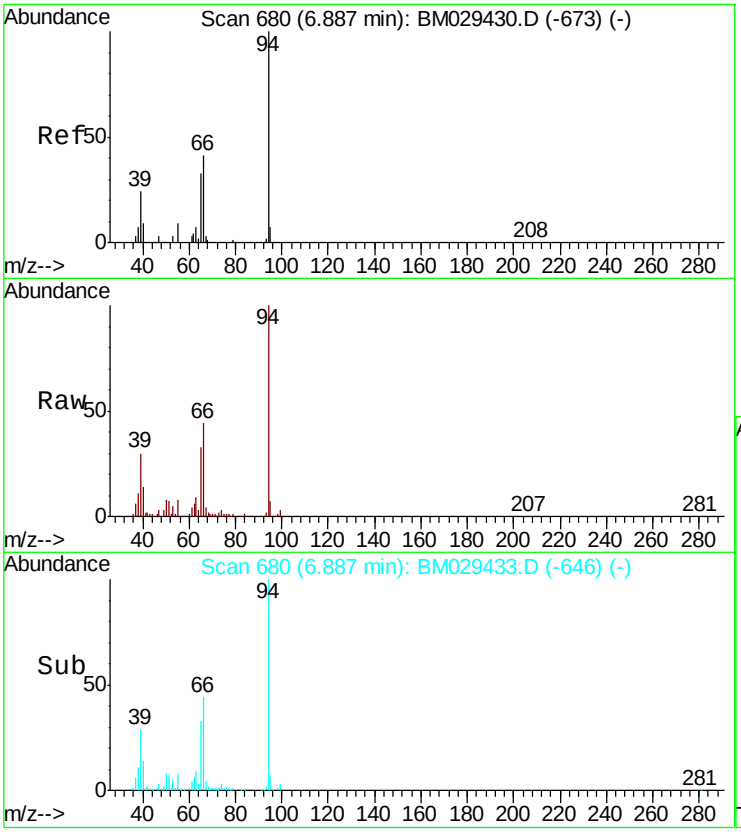


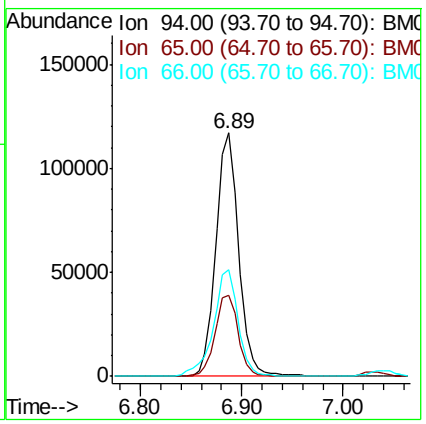


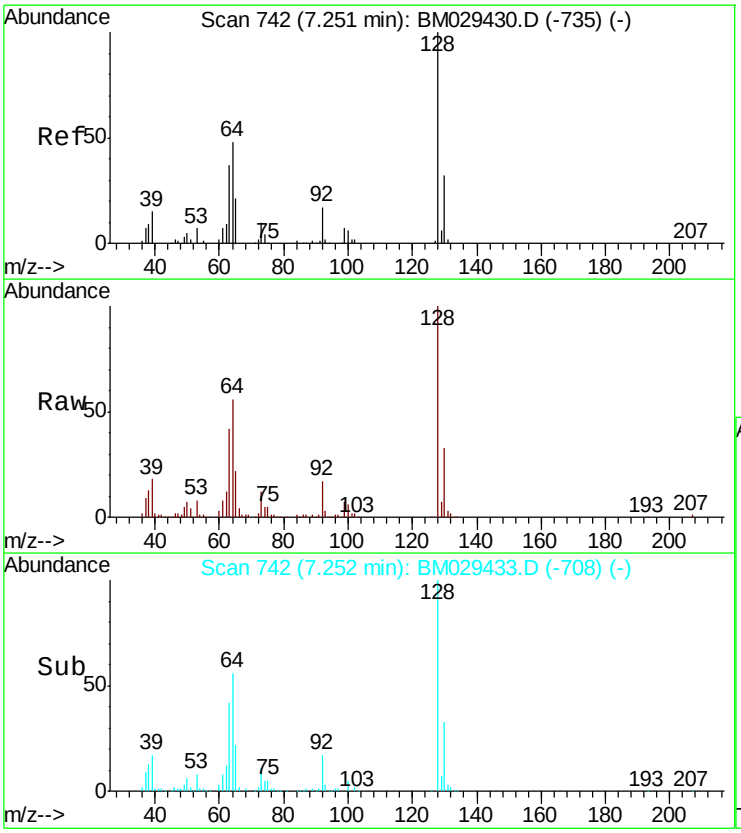
#6
Phenol
Concen: 20.904 ng/ul
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion: 94 Resp: 183042

Ion	Ratio	Lower	Upper
94	100		
65	33.4	26.7	40.1
66	43.6	33.8	50.8

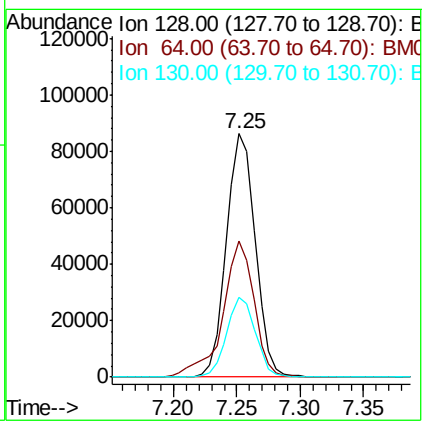


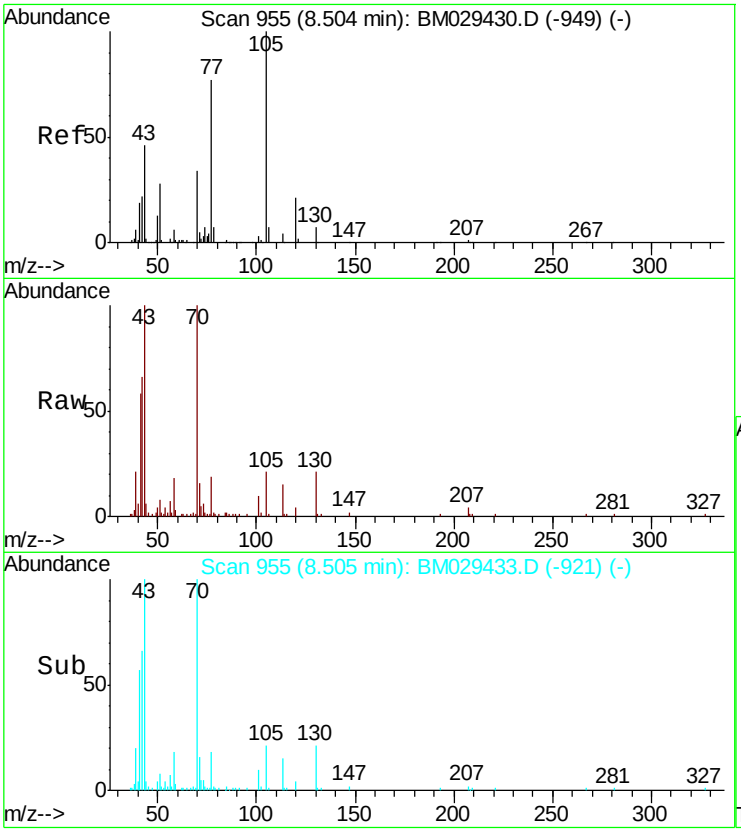


#10
2-Chlorophenol
Concen: 20.420 ng/ul
RT: 7.25 min Scan# 742
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion:128 Resp: 135846

Ion	Ratio	Lower	Upper
128	100		
64	55.9	44.0	66.0
130	32.9	26.2	39.2



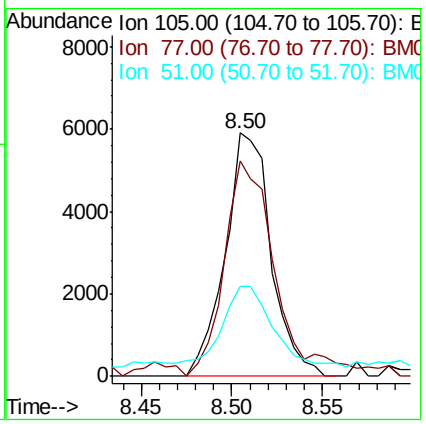


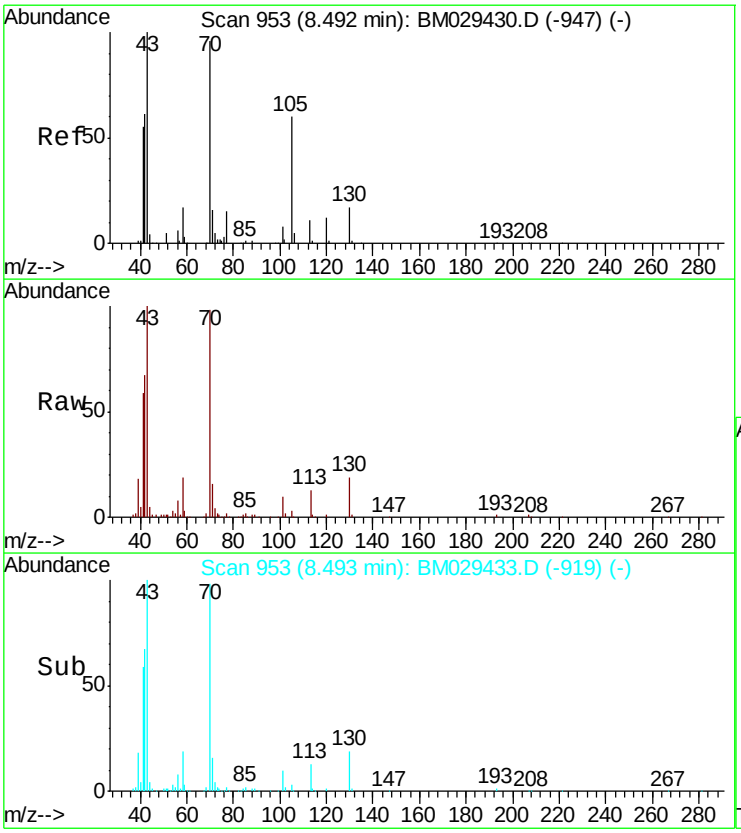
#14
Acetophenone
Concen: 1.005 ng/ul
RT: 8.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion:105 Resp: 10392

Ion	Ratio	Lower	Upper
105	100		
77	88.5	71.8	107.6
51	37.0	25.3	37.9

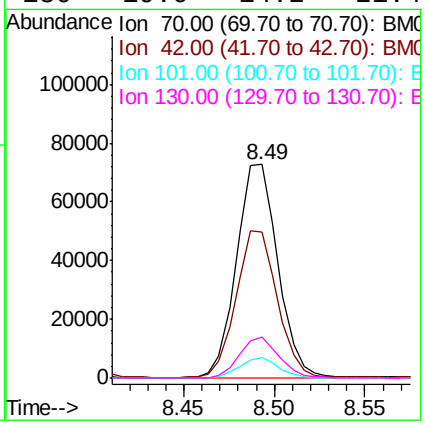


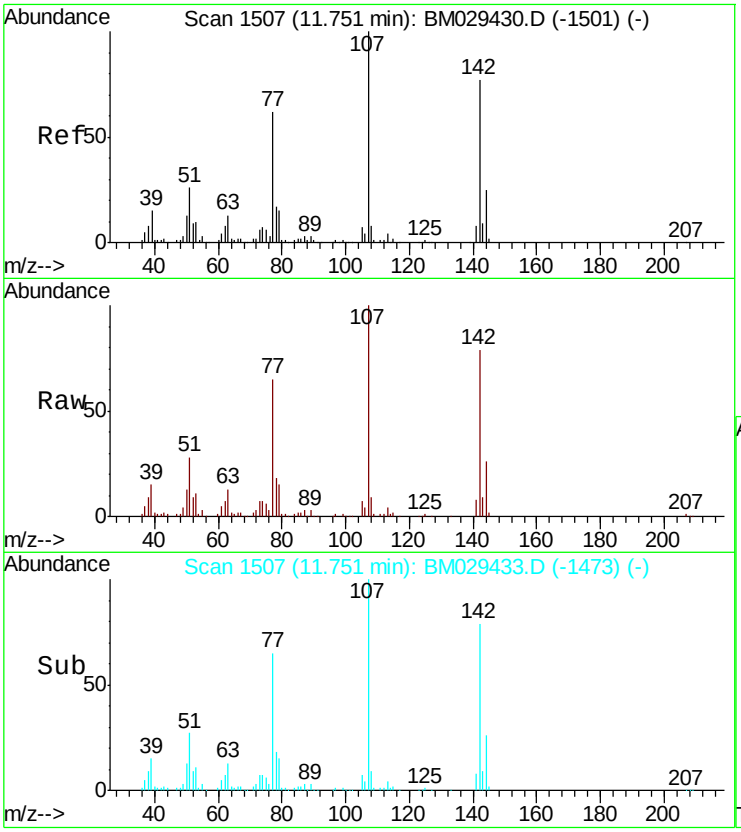


#15
N-Nitroso-di-n-propylamine
Concen: 20.965 ng/ul
RT: 8.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion: 70 Resp: 115624

Ion	Ratio	Lower	Upper
70	100		
42	68.4	52.0	78.0
101	9.9	7.3	10.9
130	19.0	14.2	21.4



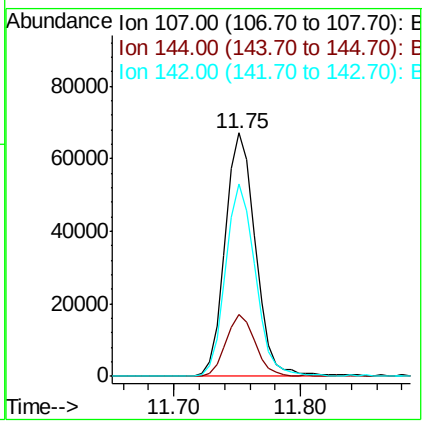


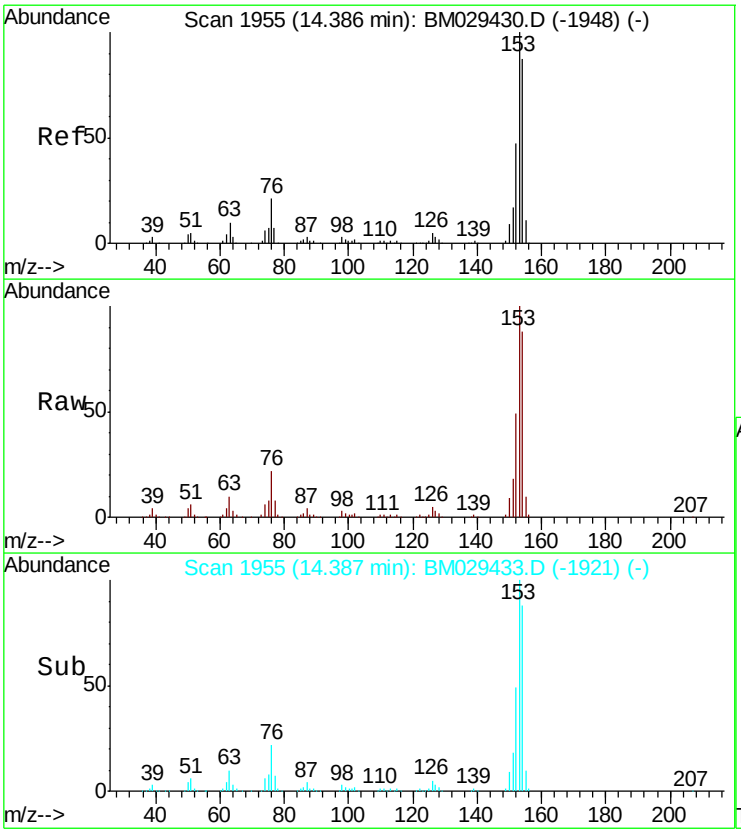
#33
4-Chloro-3-methylphenol
Concen: 19.089 ng/ul
RT: 11.75 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion:107 Resp: 111249

Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.0	28.4
142	79.0	62.7	94.1

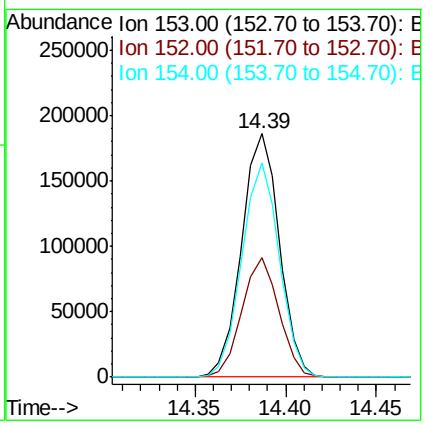


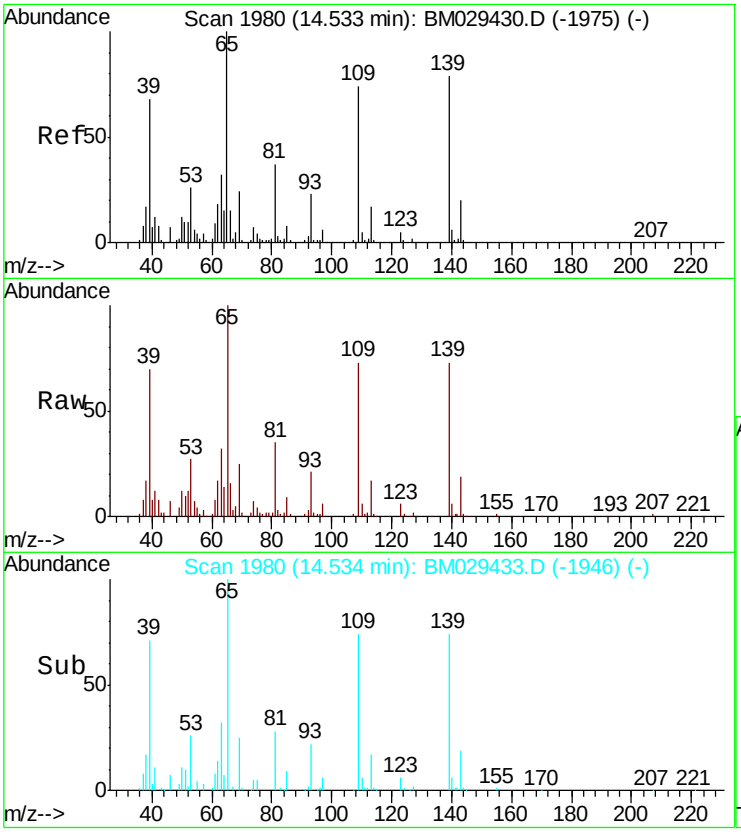


#50
Acenaphthene
Concen: 20.563 ng/ul
RT: 14.39 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion:153 Resp: 270369

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.0	55.4
154	88.2	68.7	103.1



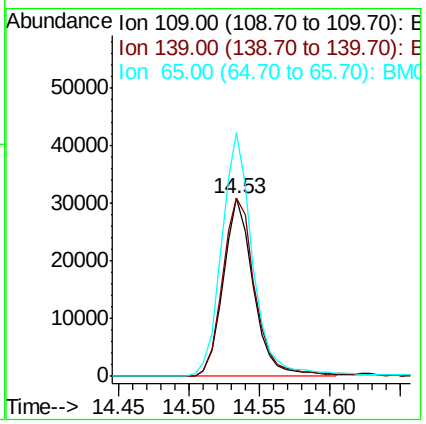


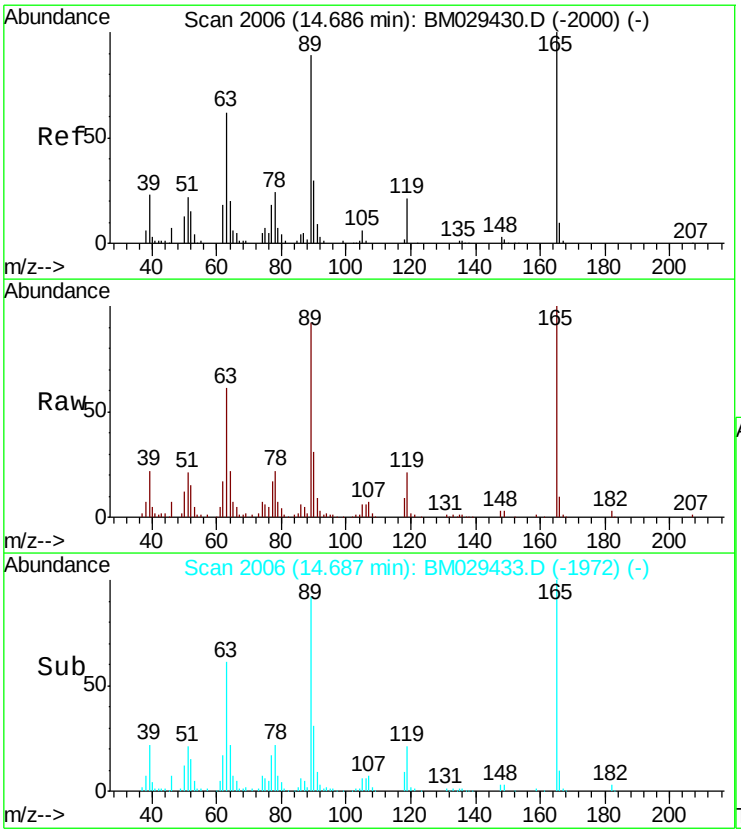
#53
4-Nitrophenol
Concen: 17.575 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion:109 Resp: 46301

Ion	Ratio	Lower	Upper
109	100		
139	100.2	84.8	127.2
65	137.0	105.1	157.7

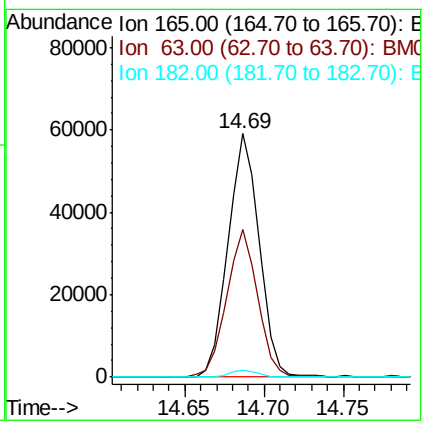


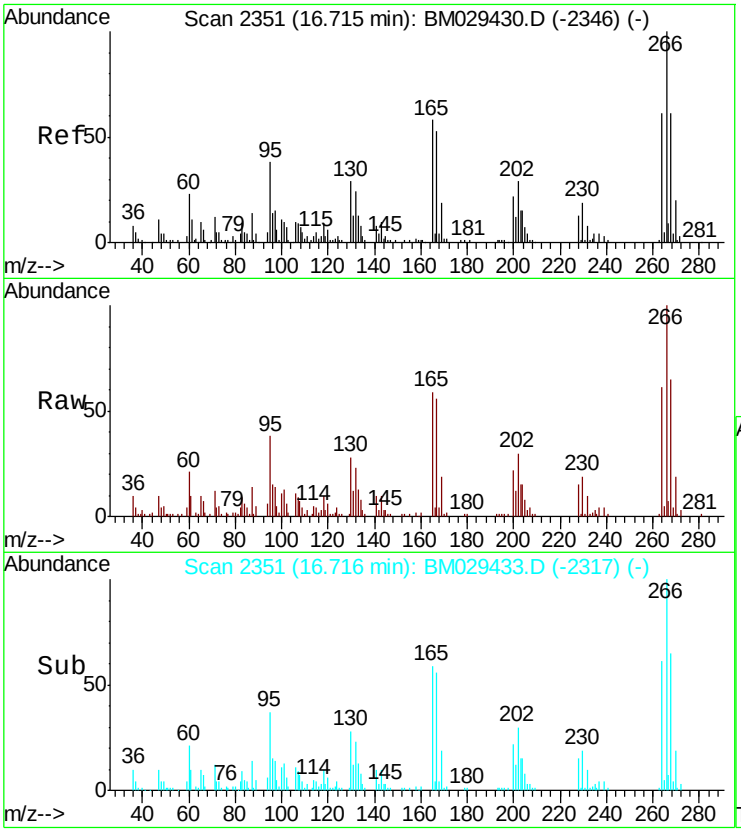


#55
2,4-Dinitrotoluene
Concen: 20.187 ng/ul
RT: 14.69 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion:165 Resp: 80379

Ion	Ratio	Lower	Upper
165	100		
63	60.8	43.4	65.0
182	2.8	2.7	4.1



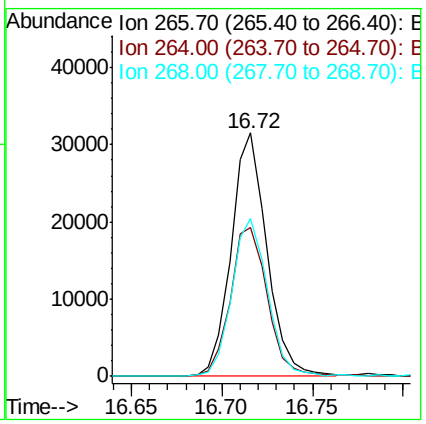


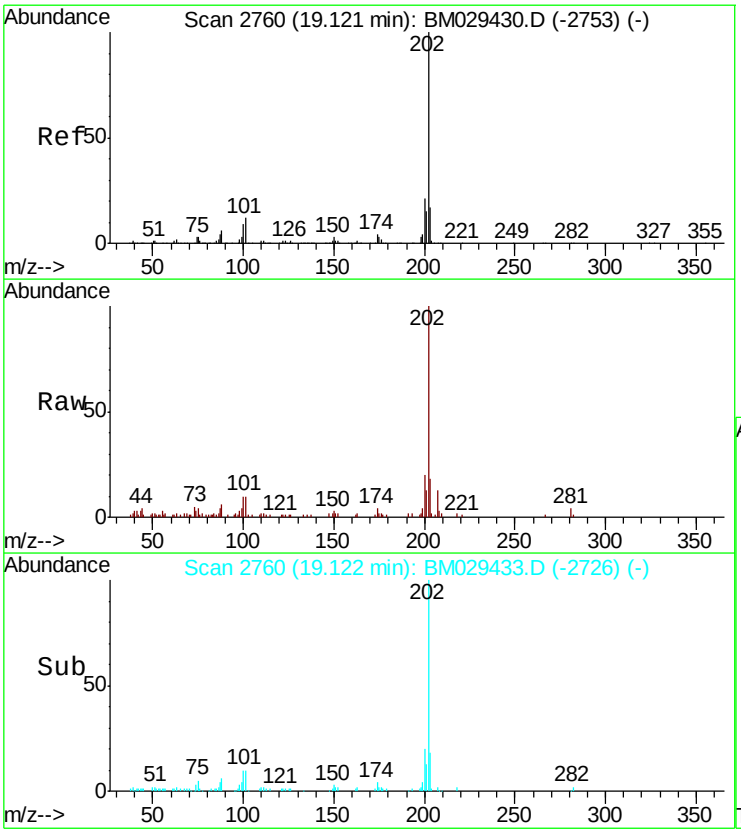
#69
Pentachlorophenol
Concen: 19.399 ng/ul
RT: 16.72 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion:266 Resp: 43334

Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.1	73.7
268	64.8	48.6	72.8

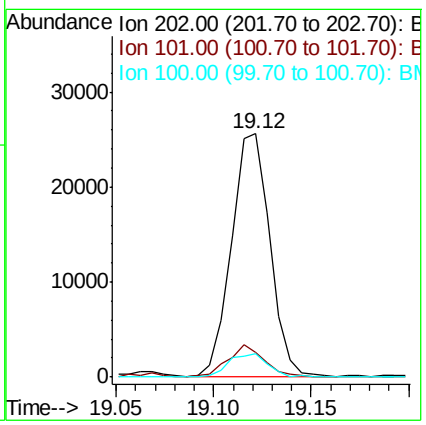


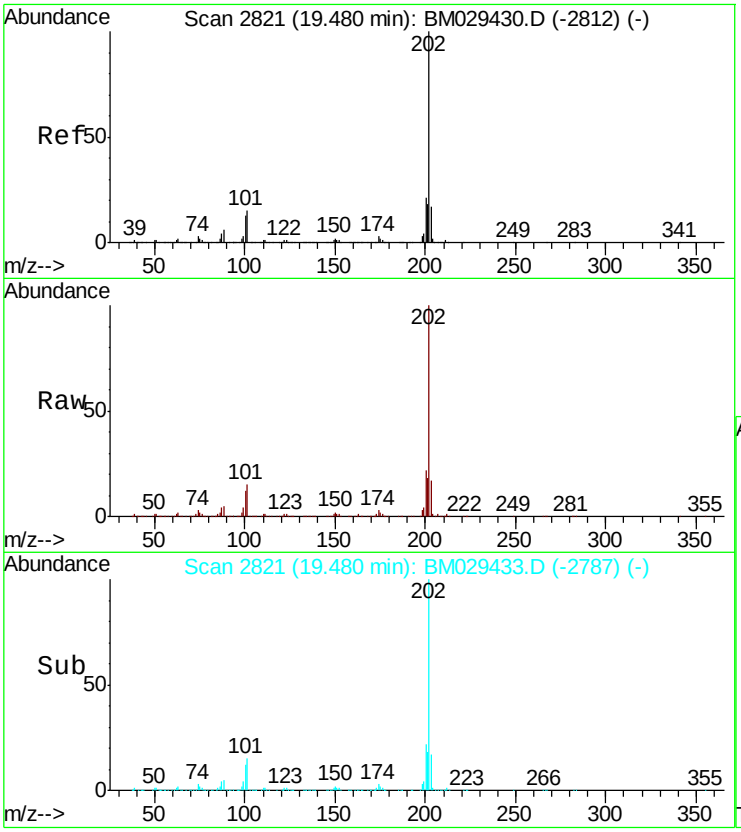


#77
Fluoranthene
Concen: 1.525 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion:202 Resp: 35068

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.6
100	9.8	7.4	11.0



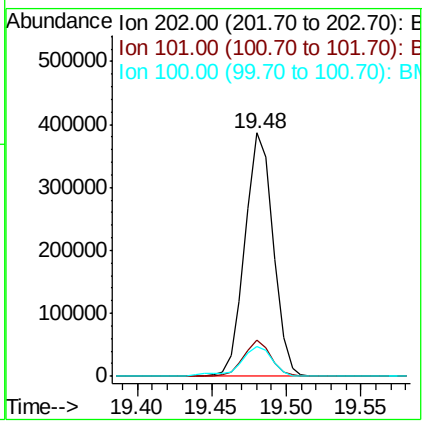


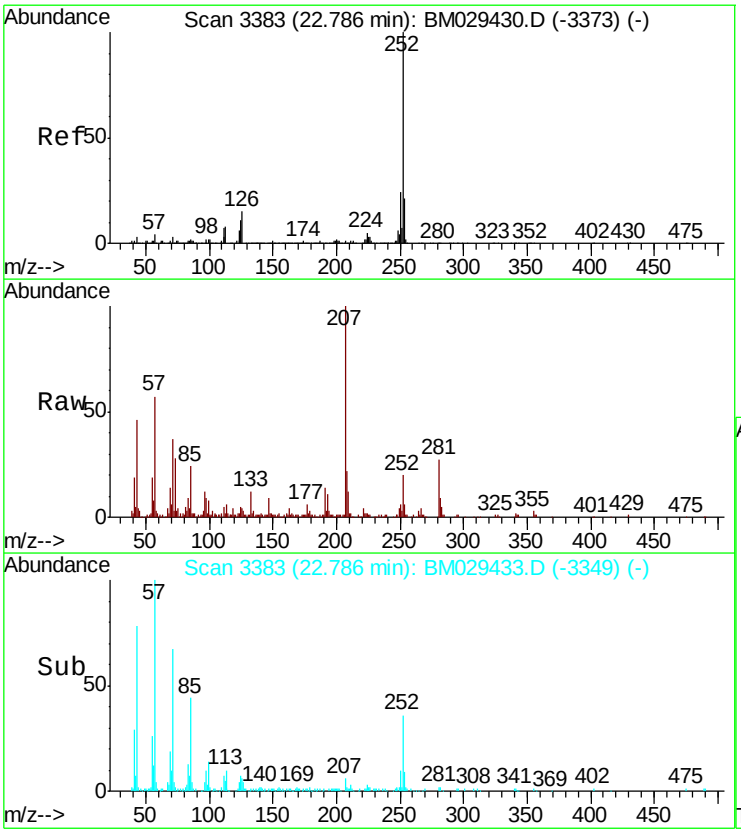
#80
Pyrene
Concen: 24.083 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Instrument :
BNA_M
ClientSampleId :
ESQG0MSD

Tgt Ion:202 Resp: 504179

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.0	16.6
100	12.4	9.5	14.3





#88
Benzo(b)fluoranthene
Concen: 1.003 ng/ul
RT: 22.79 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM029433.D
Acq: 09 Apr 2021 16:10

Tgt Ion:252 Resp: 22206

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.2	25.8#
125	26.1	8.8	13.2#