

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029879.D
 Acq On : 07 May 2021 16:43
 Operator : CG/JU
 Sample : M2144-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GH5

Manual Integrations
 APPROVED

mohammad
 5/10/2021 11:45:08 AM

Quant Time: May 07 17:16:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 07 13:53:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	161599	20.00	ng/ul	0.04
20) Naphthalene-d8	10.35	136	604544	20.00	ng/ul	0.02
38) Acenaphthene-d10	14.20	164	373072	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	776704	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	867716	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	928700	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4614	1.14	ng/uL	0.02
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	83047	5.53	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.92	67	276239	29.64	ng/ul	0.01
11) 2-Chlorophenol-d4	7.10	132	287037	24.75	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	170000	13.68	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	176088	42.27	ng/ul	0.01
24) 2-Nitrophenol-d4	9.43	143	197430	41.99	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	319893	33.93	ng/ul	0.01
31) 4-Chloroaniline-d4	10.50	131	12412	0.87	ng/ul	0.02
46) Dimethylphthalate-d6	13.63	166	1159667	40.10	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	1472968	40.19	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	13063	2.77	ng/ul	0.02
60) Fluorene-d10	15.20	176	994669	40.52	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	170387	33.77	ng/ul	0.00
73) Anthracene-d10	17.05	188	1589186	40.63	ng/ul	0.00
81) Pyrene-d10	19.34	212	1927329	43.30	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	2236895	42.49	ng/ul	0.00
Target Compounds						
8) Phenol	6.77	94	58614	3.820	ng/ul	98
22) Nitrobenzene	8.76	77	1192060	109.810	ng/ul	98
25) 2-Nitrophenol	9.47	139	11284	2.210	ng/ul	92
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	537021m	46.583	ng/ul	
47) Dimethylphthalate	13.67	163	41101	1.419	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	1466208	119.339	ng/uL	97
76) Pentachlorobenzene	14.53	250	39658	3.385	ng/uL	96

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

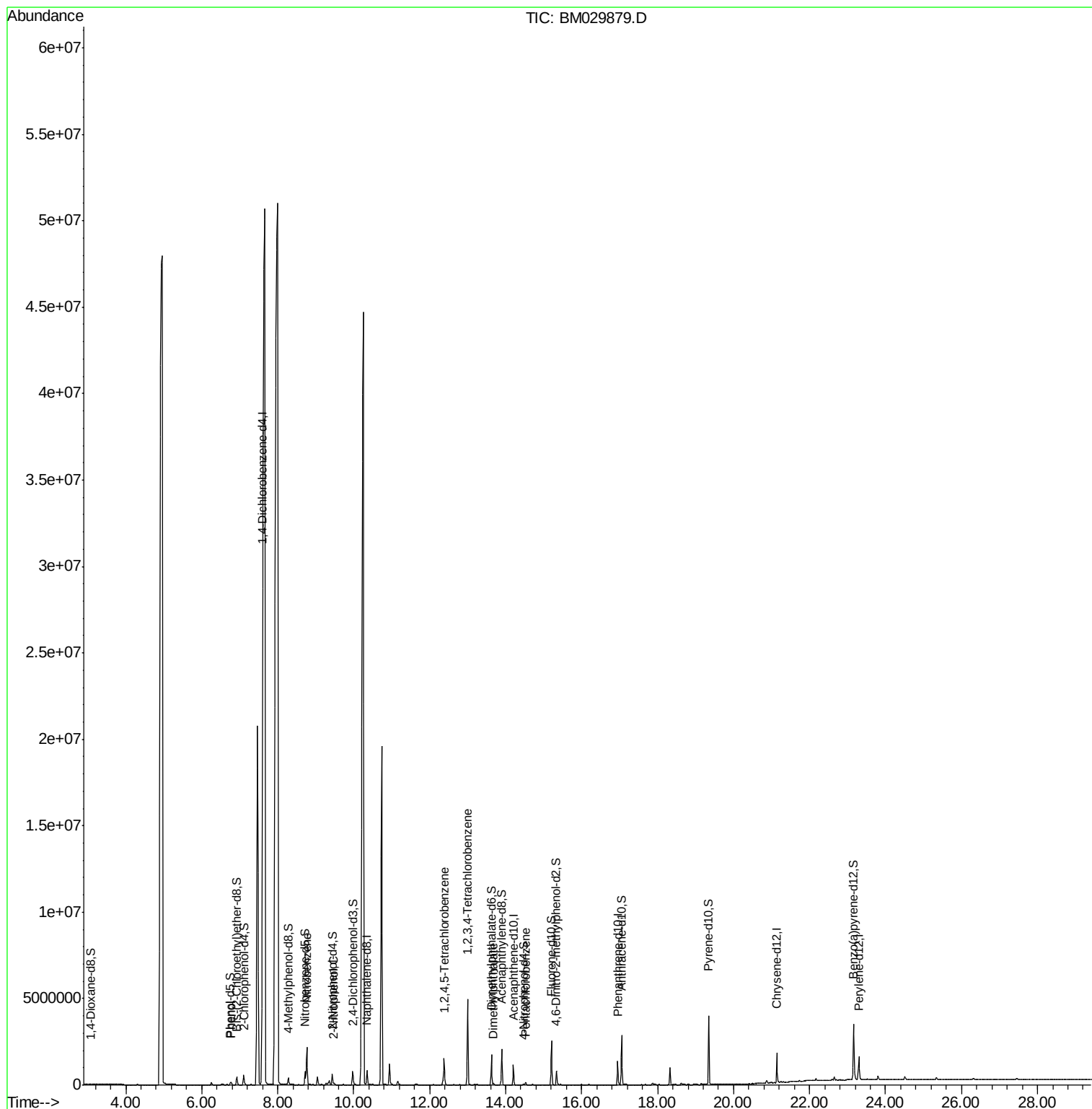
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Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

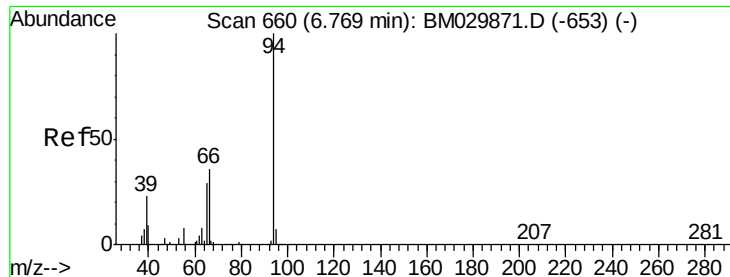
Instrument :
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#8

Phenol

Concen: 3.820 ng/ul

RT: 6.77 min Scan# 661

Delta R.T. 0.01 min

Lab File: BM029879.D

Acq: 07 May 2021 16:43

Instrument :

BNA_M

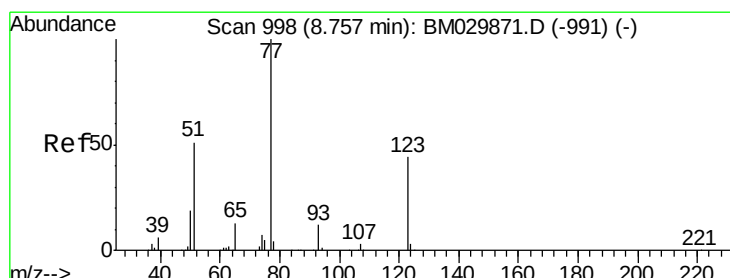
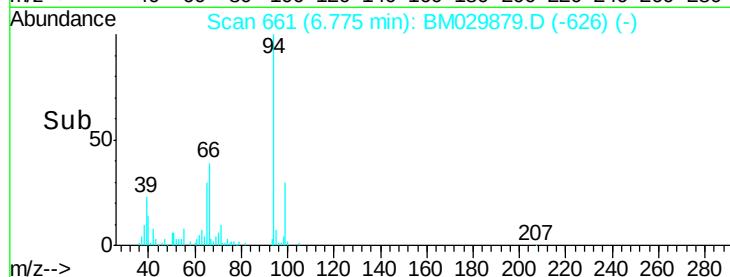
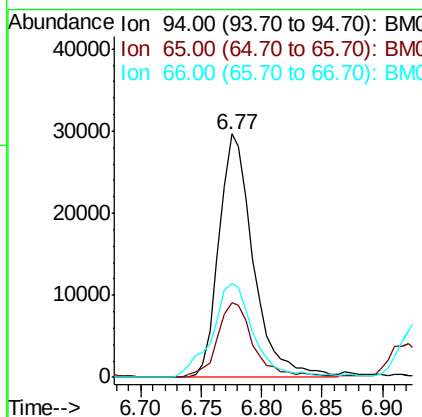
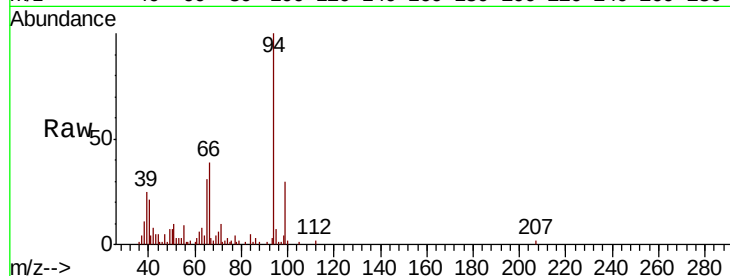
ClientSampleId :

C0GH5

Tot Ion:	94	Resp:	58614
Ion	Ratio	Lower	Upper
94	100		
65	30.7	23.3	34.9
66	38.5	30.6	45.8

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#22

Nitrobenzene

Concen: 109.810 ng/ul

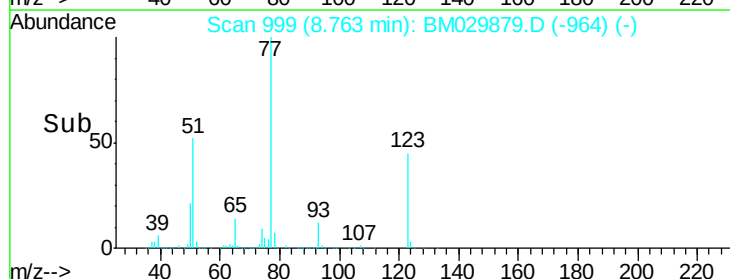
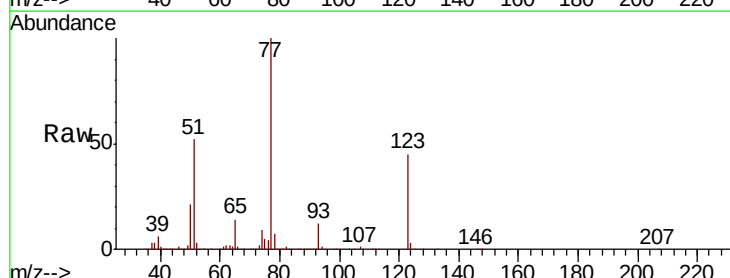
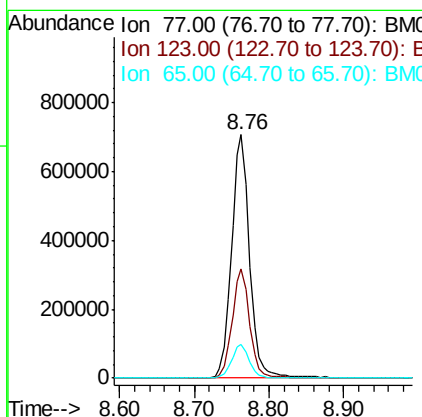
RT: 8.76 min Scan# 999

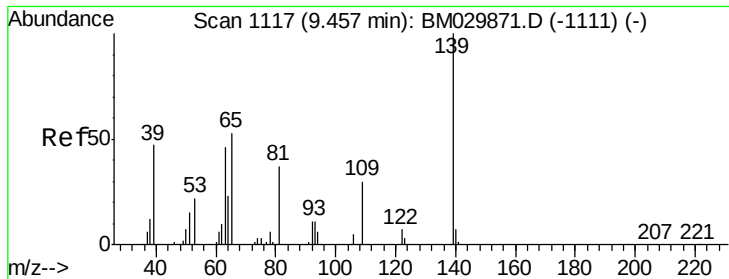
Delta R.T. 0.01 min

Lab File: BM029879.D

Acq: 07 May 2021 16:43

Tgt Ion:	77	Resp:	1192060
Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.0	52.6
65	13.9	10.3	15.5





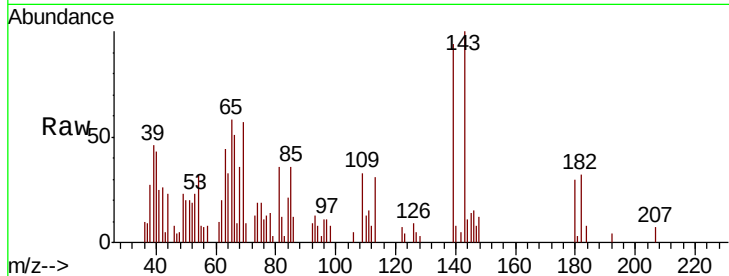
#25
2-Nitrophenol
Concen: 2.210 ng/ul
RT: 9.47 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BM029879.D
Acq: 07 May 2021 16:43

Instrument :
BNA_M
ClientSampled :
C0GH5

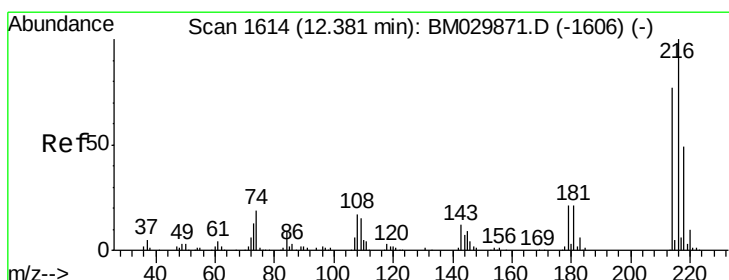
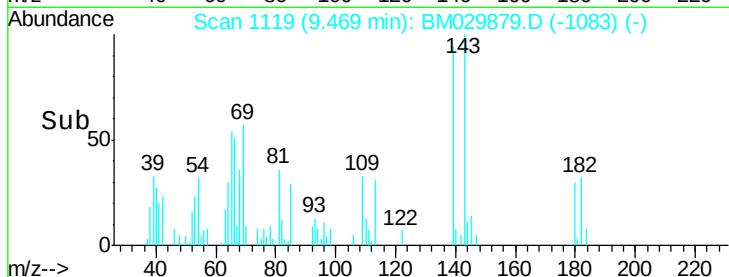
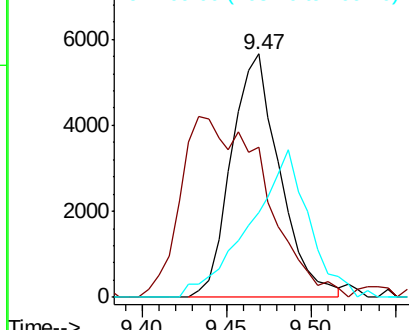
Tot Ion	Ratio	Lower	Upper
139	100		
65	61.7	44.6	67.0
109	35.1	24.4	36.6

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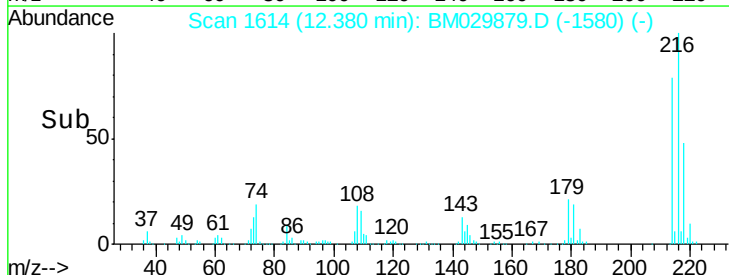
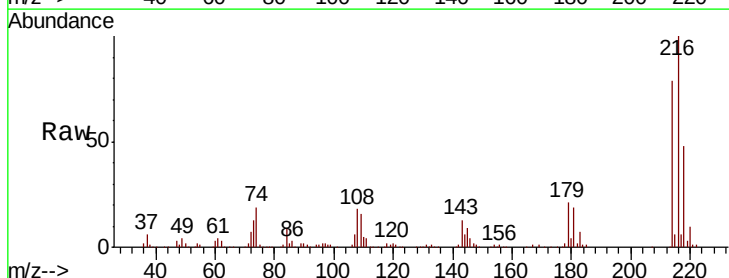
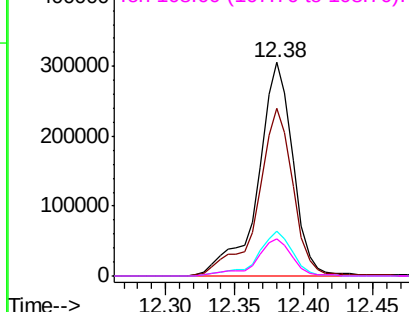
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

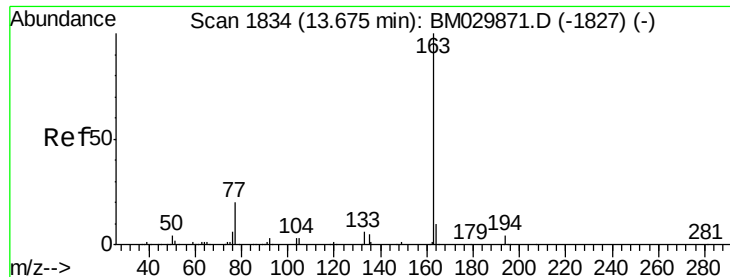


#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.583 ng/ul m
RT: 12.38 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM029879.D
Acq: 07 May 2021 16:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.9	92.9
179	20.9	16.8	25.2
108	17.6	14.1	21.1

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





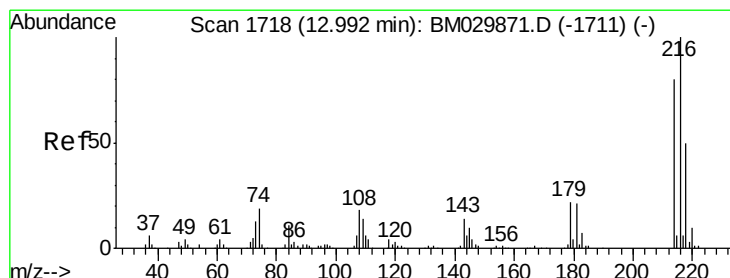
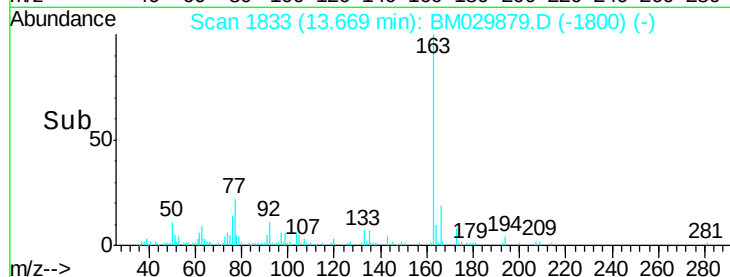
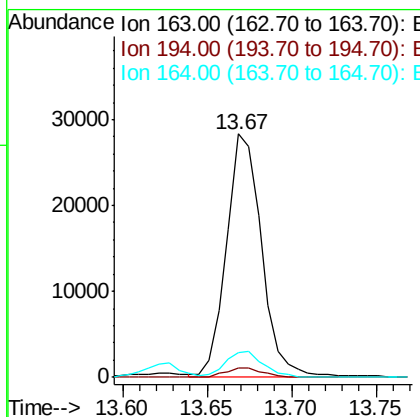
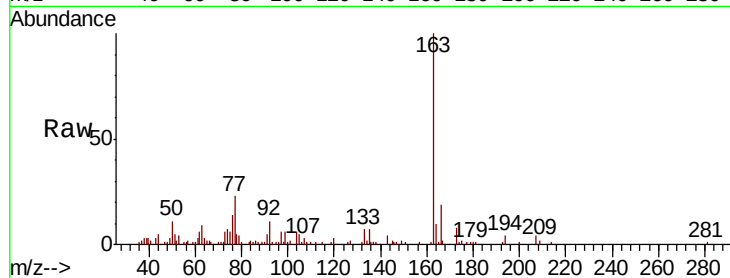
#47
Dimethylphthalate
Concen: 1.419 ng/uL
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM029879.D
Acq: 07 May 2021 16:43

Instrument :
BNA_M
ClientSampleId :
C0GH5

Tot Ion:	163	Resp:	41101
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	9.9	7.8	11.8

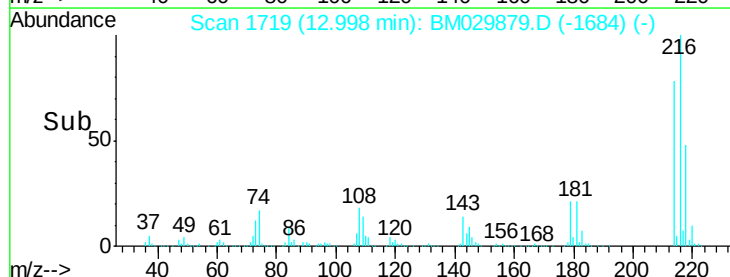
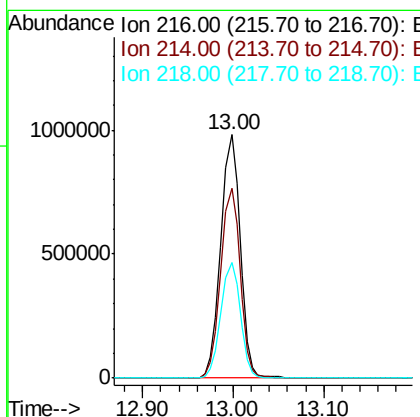
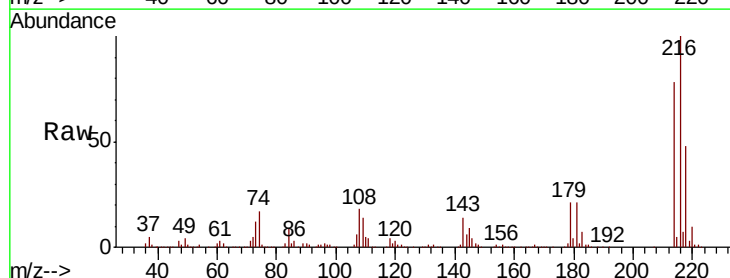
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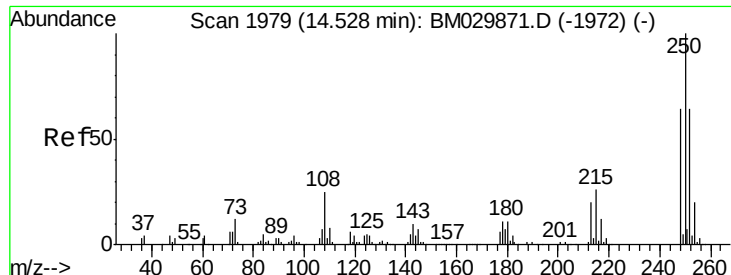
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 119.339 ng/uL
RT: 13.00 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM029879.D
Acq: 07 May 2021 16:43

Tgt Ion:	216	Resp:	1466208
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.9	95.9
218	47.6	39.7	59.5





#76
 Pentachlorobenzene
 Concen: 3.385 ng/uL
 RT: 14.53 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BM029879.D
 Acq: 07 May 2021 16:43

Instrument :
 BNA_M
 ClientSampleId :
 C0GH5

Tot Ion:	250	Resp:	39658
Ion Ratio		Lower	Upper
250	100		
248	60.1	51.3	76.9
252	61.8	51.5	77.3

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