

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011503.D
 Acq On : 19 Aug 2020 02:16
 Operator : CG/JU
 Sample : L3668-13
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFX3

Manual Integrations
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 8/19/2020 2:20:14 PM

Quant Time: Aug 19 05:24:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	171690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	663890	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	381694	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	914609	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	958912	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	974714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	19900	5.56	ng/uL	0.00
5) Phenol-d5	6.63	99	77504	6.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	173649	28.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	256577	23.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	137041	13.90	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	136954	26.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	172420	29.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	293844	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	37565	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	962829	32.40	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1122836	31.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	30813	6.12	ng/ul	0.00
58) Fluorene-d10	15.07	176	944655	36.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	202126	33.32	ng/ul	0.00
71) Anthracene-d10	16.92	188	1443357	33.04	ng/ul	0.00
79) Pyrene-d10	19.23	212	1657722	33.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1823448	33.69	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.23	128	29414928m	793.931	ng/ul
34) 2-Methylnaphthalene	11.85	142	2399492	94.482	ng/ul 97
40) 2,4,5-Trichlorophenol	12.55	196	20490	2.413	ng/ul 93
41) 1,1'-Biphenyl	12.89	154	662852	21.638	ng/ul 99
45) Dimethylphthalate	13.53	163	147068	4.821	ng/ul 97
48) Acenaphthylene	13.77	152	176921	4.776	ng/ul 98
50) Acenaphthene	14.13	153	1613658	62.225	ng/ul 99
54) Dibenzofuran	14.47	168	2017456	53.643	ng/ul 99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	71325m	10.062	ng/ul
59) Fluorene	15.12	166	1191432	39.305	ng/ul 99
69) Pentachlorophenol	16.48	266	219673	33.094	ng/ul# 82
70) Phenanthrene	16.86	178	1198156	22.086	ng/ul 98
72) Anthracene	16.95	178	91382	1.663	ng/ul 98
75) Carbazole	17.24	167	5410259	117.087	ng/ul 98

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

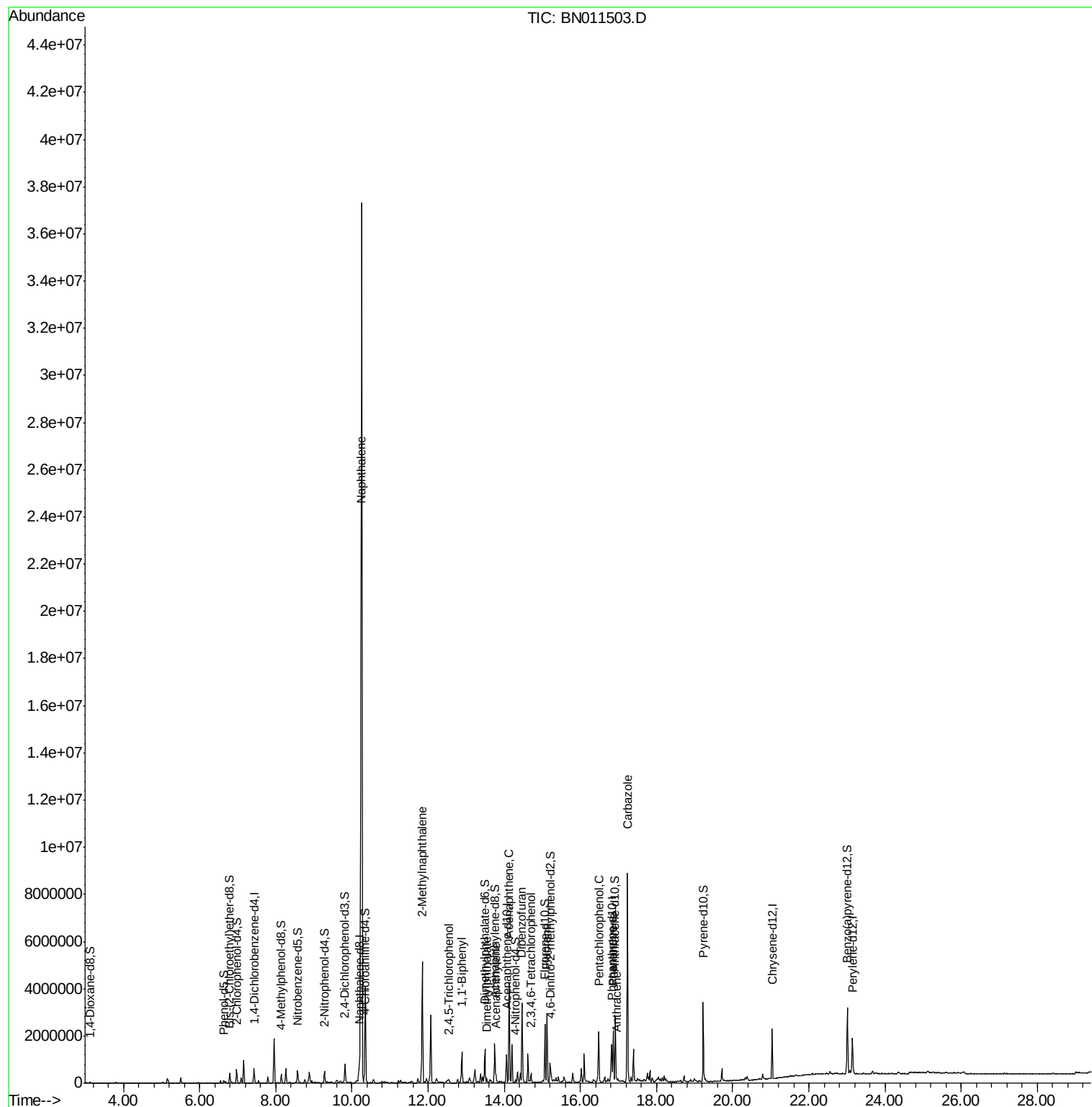
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
Data File : BN011503.D
Acq On : 19 Aug 2020 02:16
Operator : CG/JU
Sample : L3668-13
Misc :
ALS Vial : 56 Sample Multiplier: 1

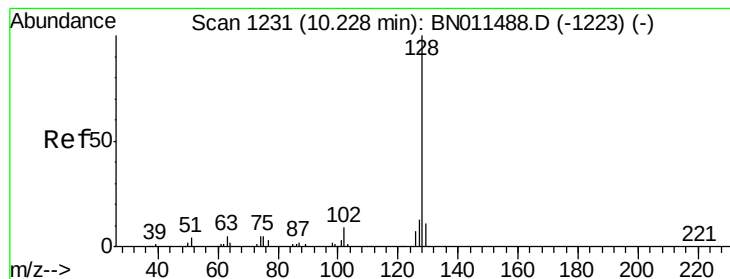
Instrument :
BNA_N
ClientSampleId :
DBFX3

Manual Integrations
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Quant Time: Aug 19 05:24:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 793.931 ng/ul m

RT: 10.23 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BN011503.D

Acq: 19 Aug 2020 02:16

Instrument :

BNA_N

ClientSampleId :

DBFX3

Tot Ion:128 Resp:29414928

Ion Ratio Lower Upper

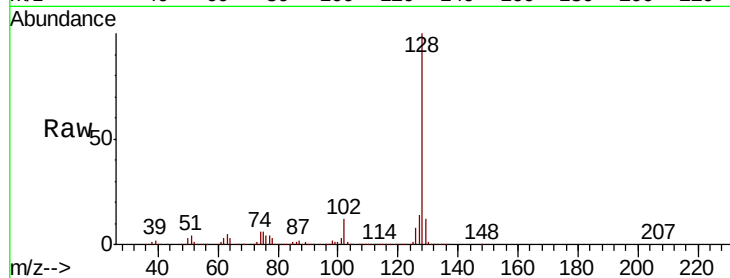
128 100

129 12.3 8.9 13.3

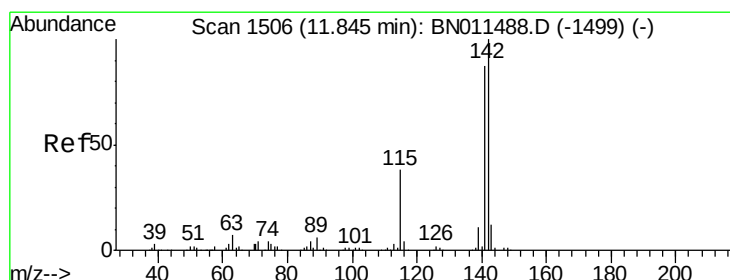
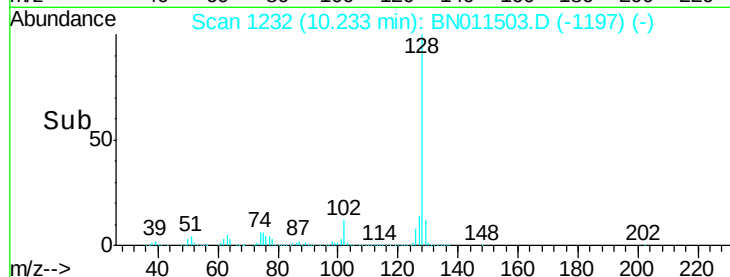
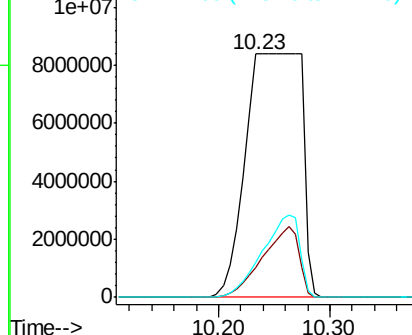
127 14.4 10.2 15.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 94.482 ng/ul

RT: 11.85 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011503.D

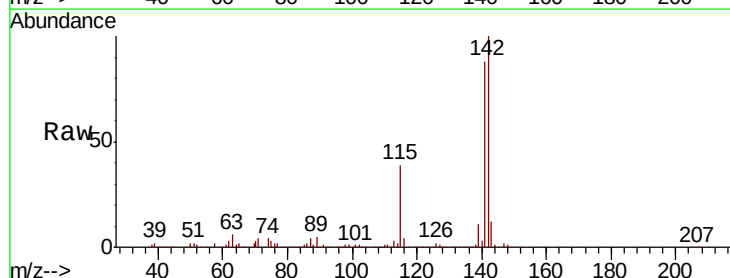
Acq: 19 Aug 2020 02:16

Tgt Ion:142 Resp: 2399492

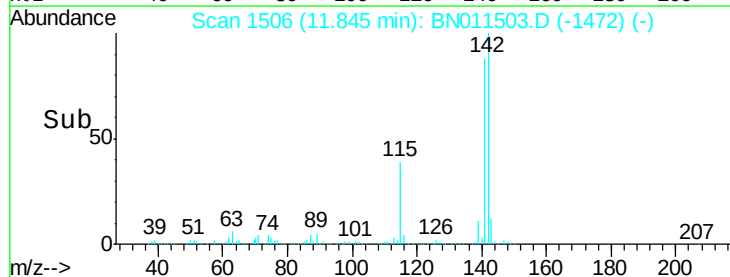
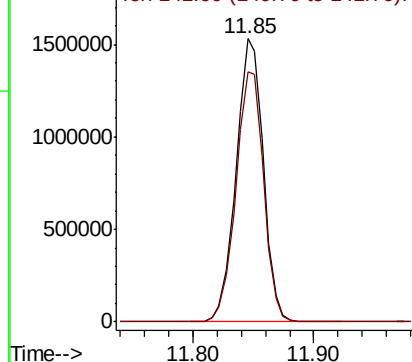
Ion Ratio Lower Upper

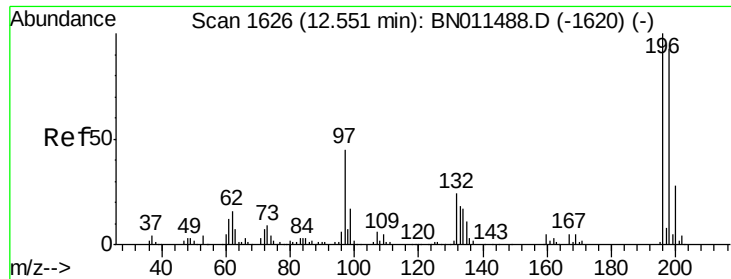
142 100

141 88.3 73.2 109.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





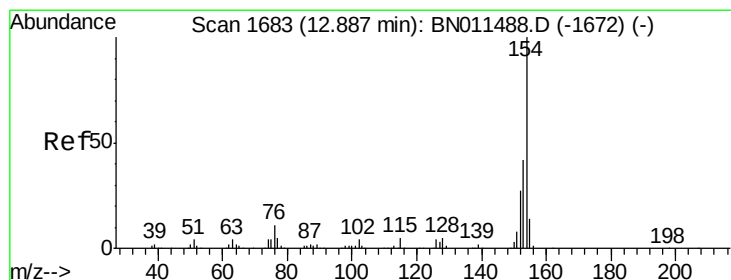
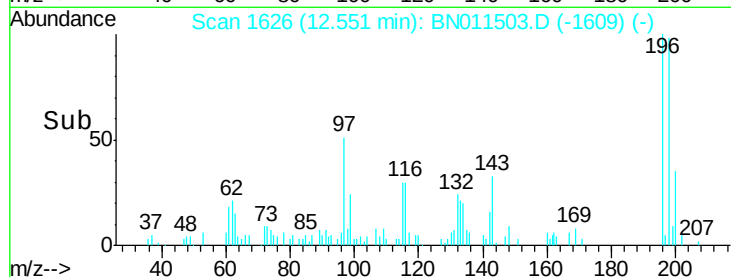
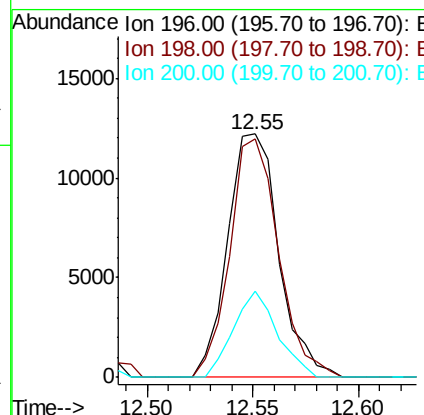
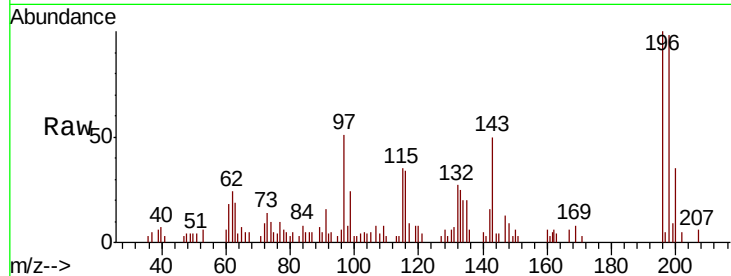
#40
 2,4,5-Trichlorophenol
 Concen: 2.413 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BN011503.D
 Acq: 19 Aug 2020 02:16

Instrument :
 BNA_N
 ClientSampleId :
 DBFX3

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20490		
198	98.1	74.3	111.5	
200	35.3	23.8	35.6	

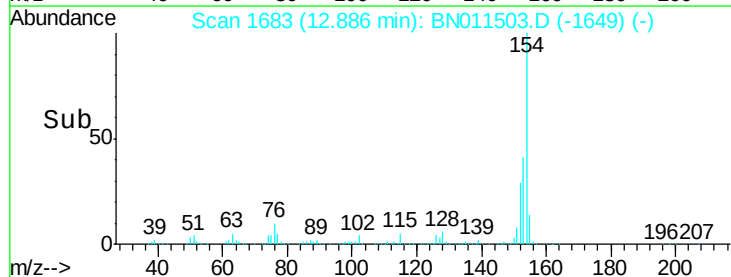
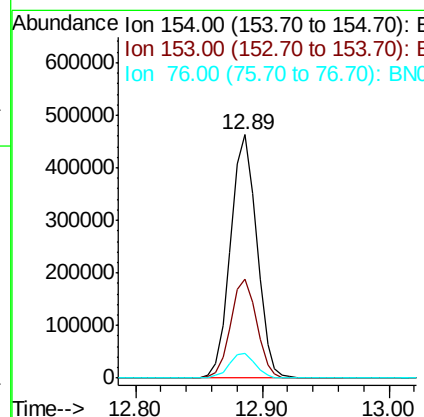
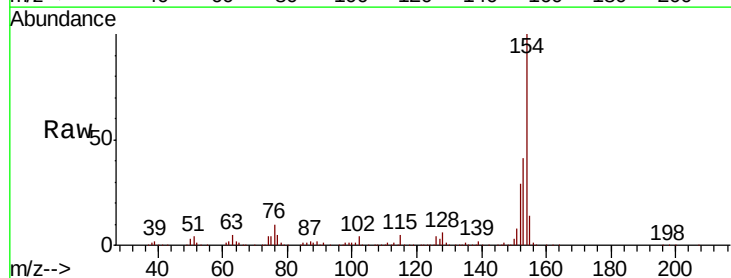
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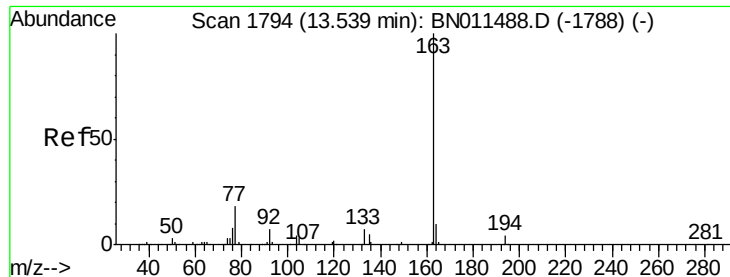
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#41
 1,1'-Biphenyl
 Concen: 21.638 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BN011503.D
 Acq: 19 Aug 2020 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	662852		
153	40.8	32.3	48.5	
76	10.4	8.5	12.7	





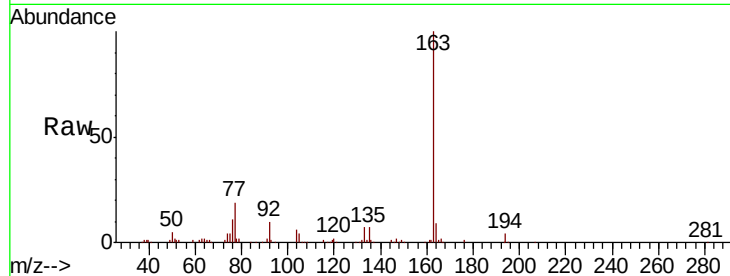
#45
Dimethylphthalate
Concen: 4.821 ng/ul
RT: 13.53 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BN011503.D
Acq: 19 Aug 2020 02:16

Instrument :
BNA_N
ClientSampleId :
DBFX3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	147068		
194	4.1		3.8	5.6
164	9.4		8.7	13.1

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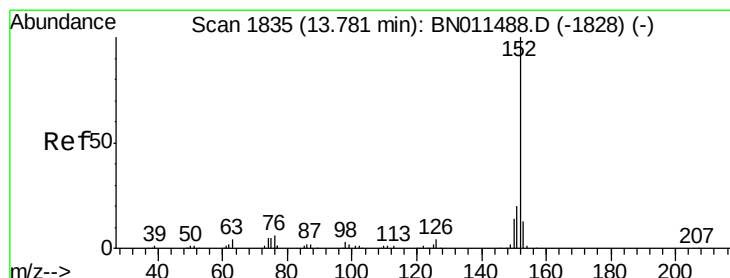
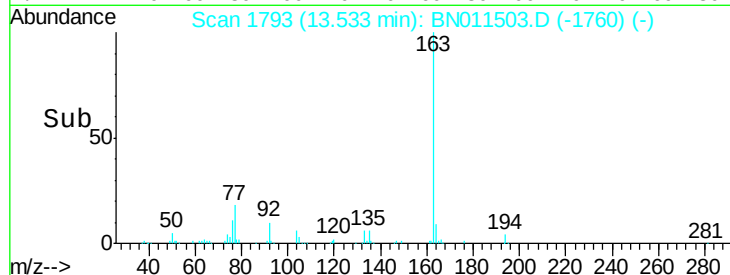
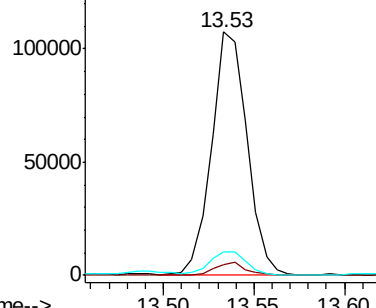


Abundance

Ion 163.00 (162.70 to 163.70): E

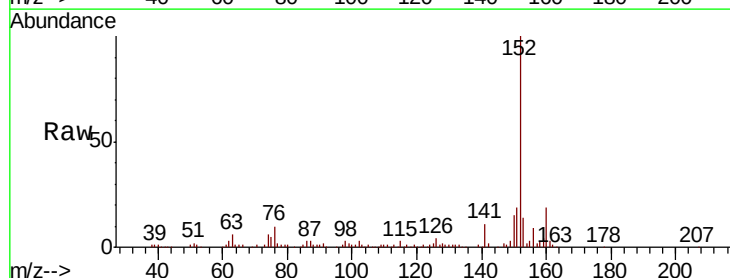
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 4.776 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN011503.D
Acq: 19 Aug 2020 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176921		
151	18.6		15.4	23.2
153	14.0		9.9	14.9

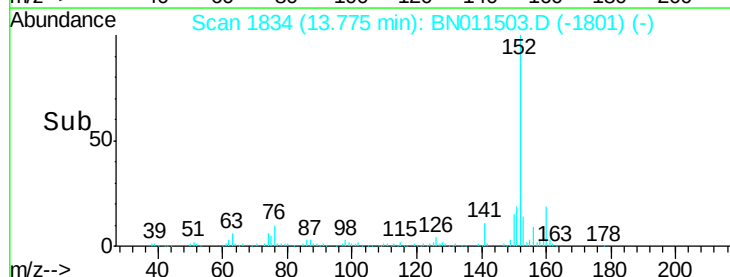
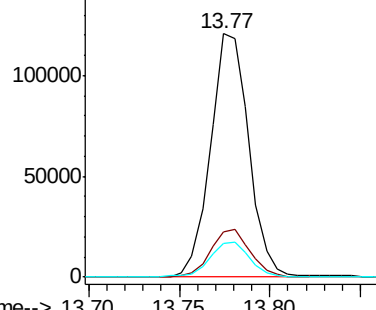


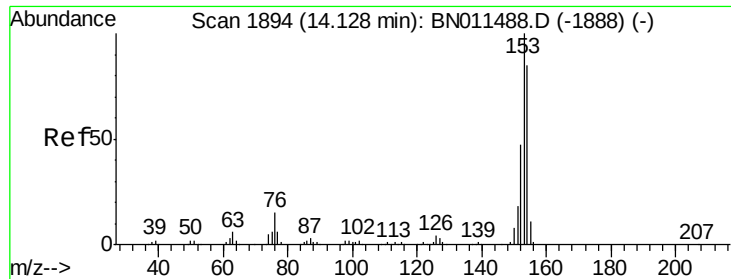
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 62.225 ng/ul

RT: 14.13 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BN011503.D

Acq: 19 Aug 2020 02:16

Instrument :

BNA_N

ClientSampleId :

DBFX3

Tot Ion:153 Resp: 1613658

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

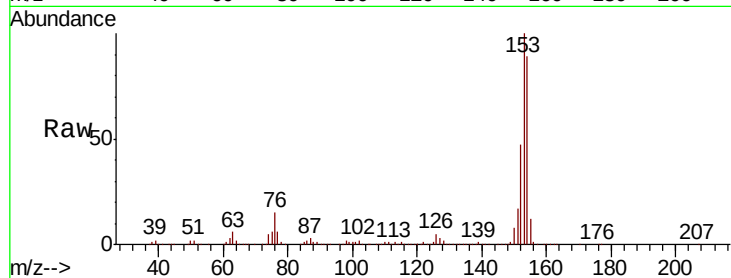
154 89.3 72.0 108.0

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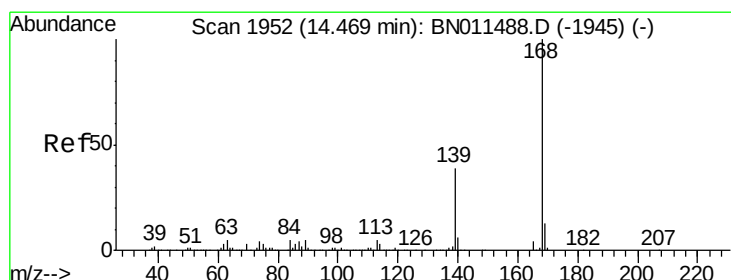
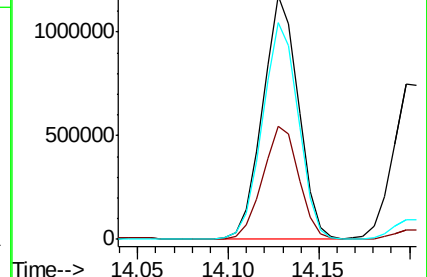
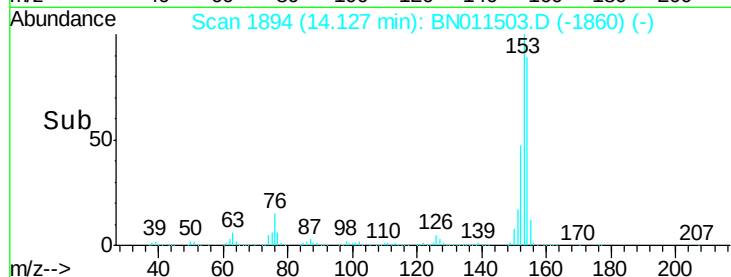
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 53.643 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN011503.D

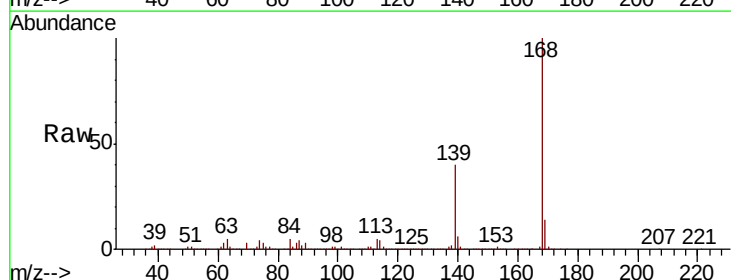
Acq: 19 Aug 2020 02:16

Tgt Ion:168 Resp: 2017456

Ion Ratio Lower Upper

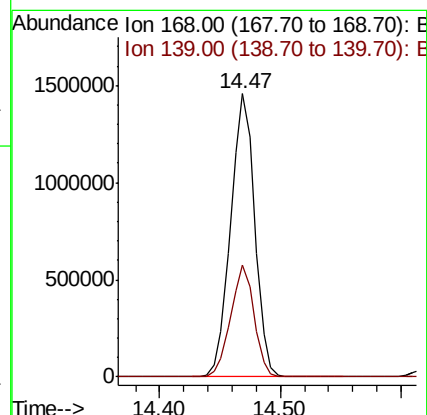
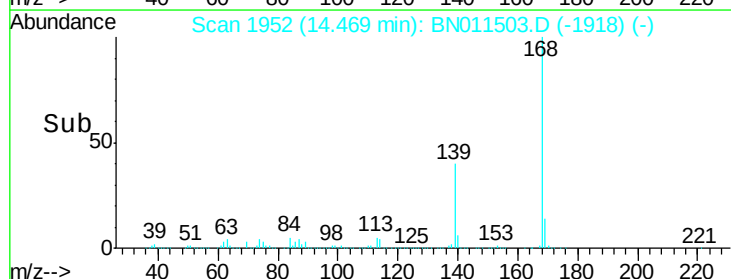
168 100

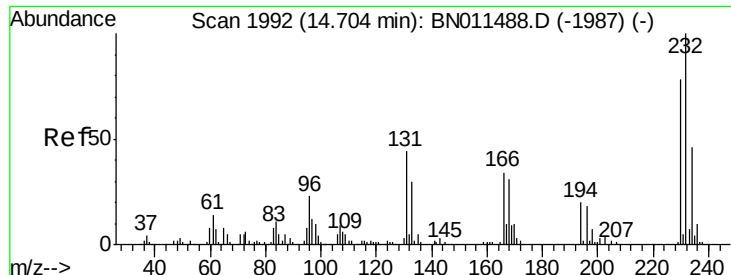
139 39.7 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





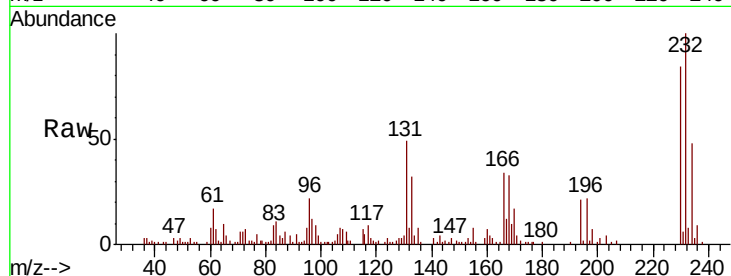
#56
2,3,4,6-Tetrachlorophenol
Concen: 10.062 ng/ul m
RT: 14.70 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BN011503.D
Acq: 19 Aug 2020 02:16

Instrument :
BNA_N
ClientSampled :
DBFX3

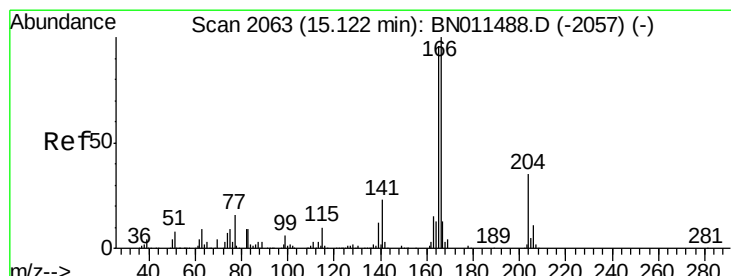
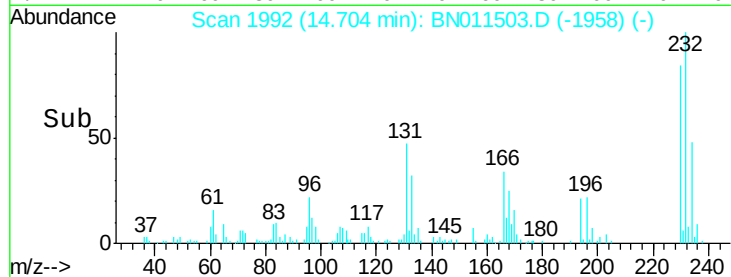
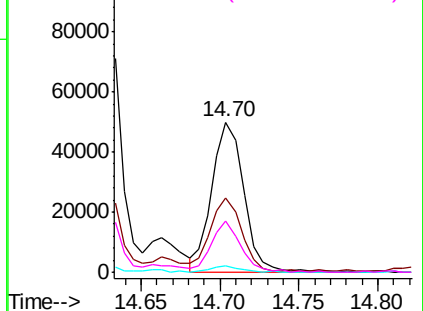
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	35.8	53.6
130	4.1	2.2	3.2
166	33.8	24.1	36.1

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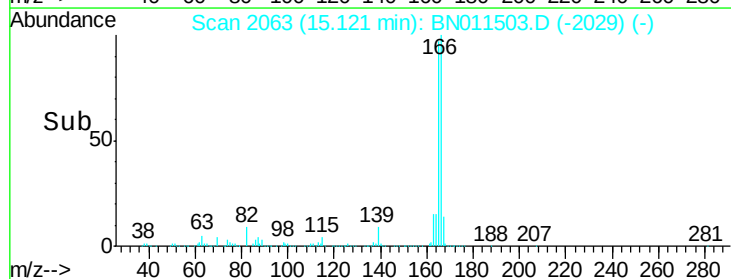
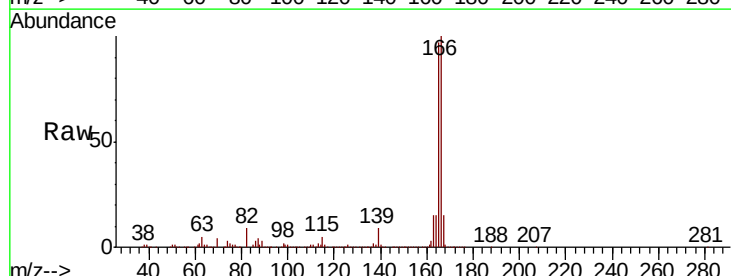
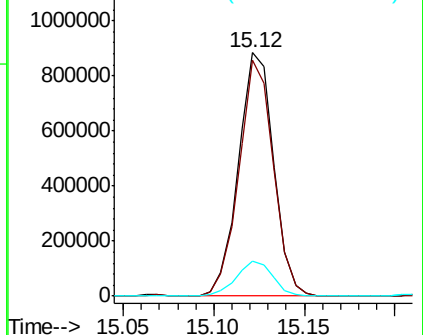
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

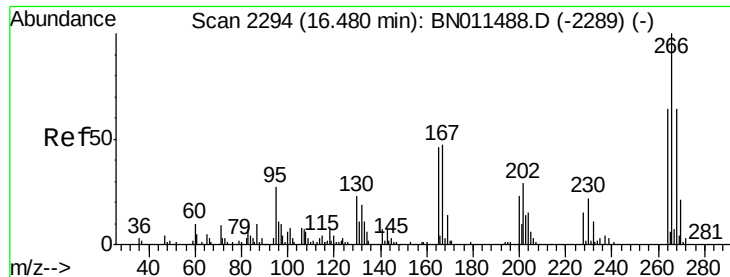


#59
Fluorene
Concen: 39.305 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BN011503.D
Acq: 19 Aug 2020 02:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.0	117.0
167	14.5	11.9	17.9

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





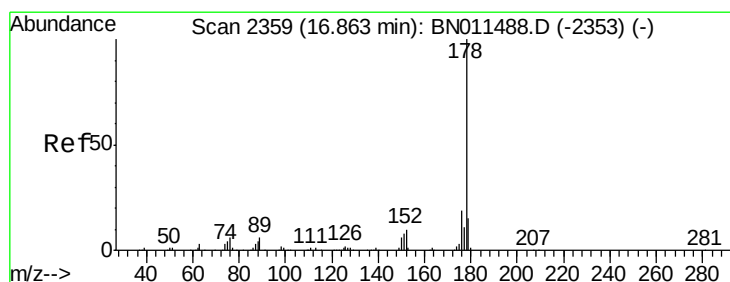
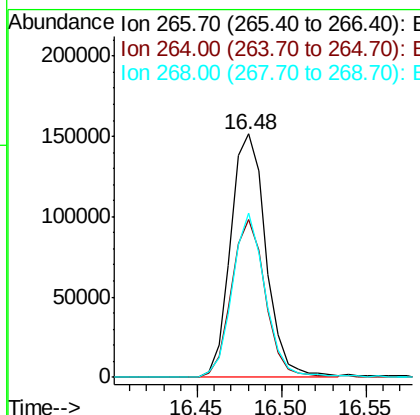
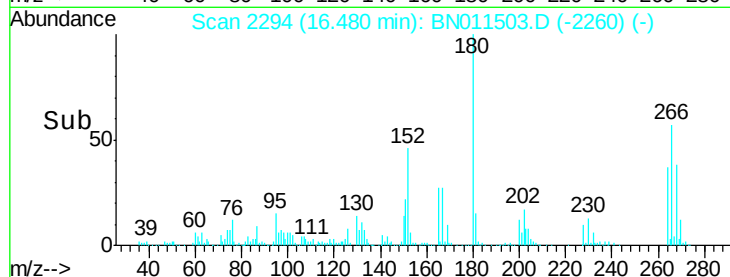
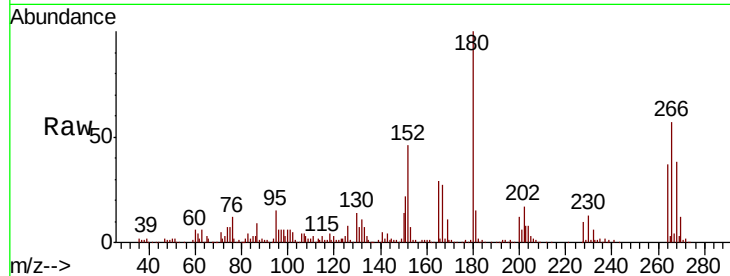
#69
 Pentachlorophenol
 Concen: 33.094 ng/ul
 RT: 16.48 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BN011503.D
 Acq: 19 Aug 2020 02:16

Instrument :
 BNA_N
 ClientSampled :
 DBFX3

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.8	67.9	101.9#
268	67.4	63.4	95.2

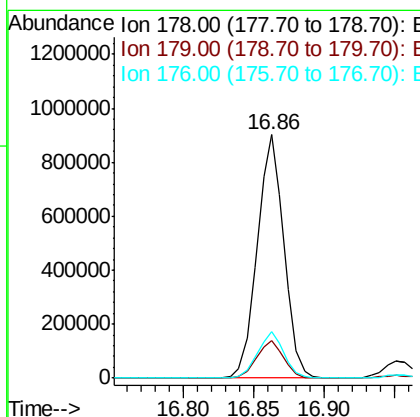
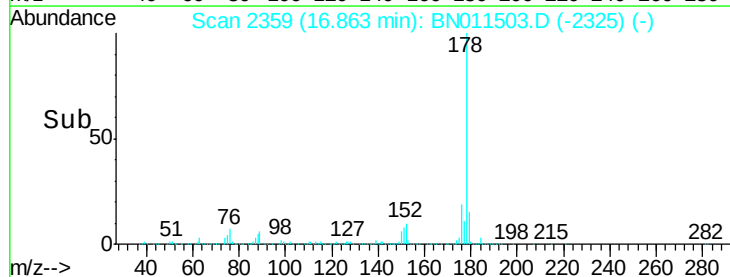
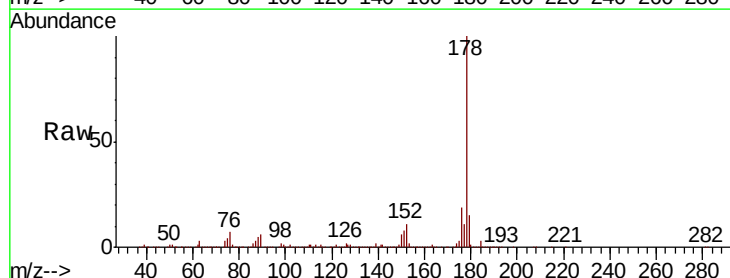
Manual Integrations
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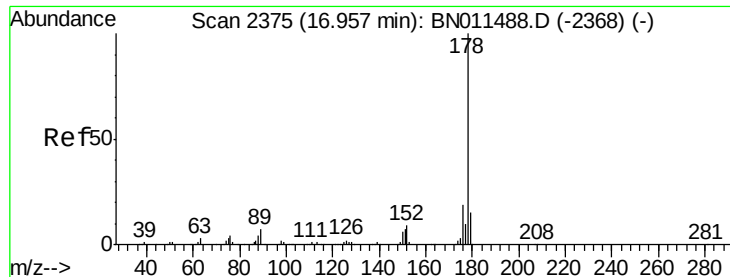
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#70
 Phenanthrene
 Concen: 22.086 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BN011503.D
 Acq: 19 Aug 2020 02:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.9	15.7	23.5





#72

Anthracene

Concen: 1.663 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011503.D

Acq: 19 Aug 2020 02:16

Instrument :

BNA_N

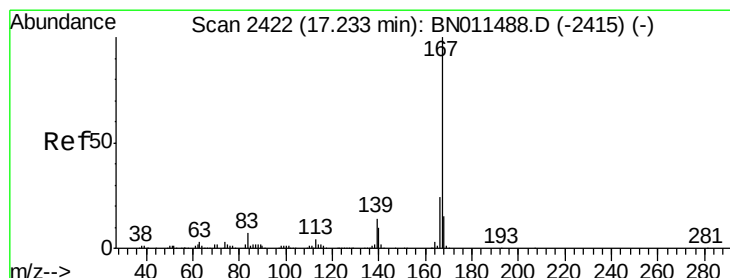
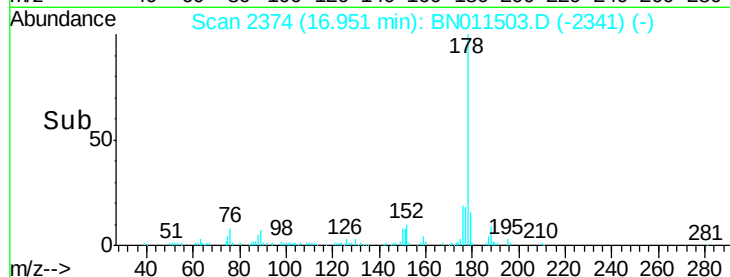
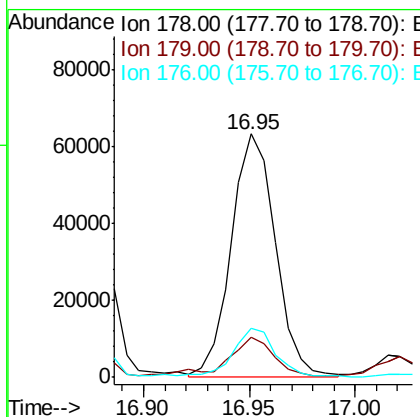
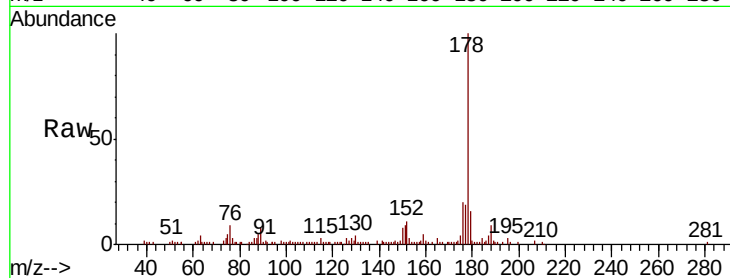
ClientSampleId :

DBFX3

Tot Ion:	178	Resp:	91382
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.4
176	19.9	14.6	21.8

Manual Integrations
APPROVED

mohammad
8/19/2020 2:20:14 PM



#75

Carbazole

Concen: 117.087 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BN011503.D

Acq: 19 Aug 2020 02:16

Tgt Ion:	167	Resp:	5410259
Ion Ratio	Lower	Upper	
167	100		
166	20.5	17.2	25.8
139	13.5	10.2	15.2

