

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011480.D
 Acq On : 18 Aug 2020 10:17
 Operator : CG/JU
 Sample : L3668-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

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Quant Time: Aug 19 09:30:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 11:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	141867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	568097	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	361006	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	801546	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	809503	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	823859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	15980	5.41	ng/uL	0.00
5) Phenol-d5	6.63	99	80736	8.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	188164	36.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	246951	27.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	139645	17.14	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	163998	37.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	177119	35.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	284647	30.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	35293	3.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1010185	35.94	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1141834	33.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	34670	7.28	ng/ul	0.00
58) Fluorene-d10	15.07	176	866545	35.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	208044	39.14	ng/ul	0.00
71) Anthracene-d10	16.92	188	1391867	36.35	ng/ul	0.00
79) Pyrene-d10	19.23	212	1596697	38.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1666248	36.42	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.24	128	30953541m	976.335	ng/ul
34) 2-Methylnaphthalene	11.85	142	3402376	156.562	ng/ul 98
40) 2,4,5-Trichlorophenol	12.55	196	26733	3.329	ng/ul 91
41) 1,1'-Biphenyl	12.89	154	944407	32.596	ng/ul 98
45) Dimethylphthalate	13.54	163	114117	3.955	ng/ul 97
48) Acenaphthylene	13.78	152	297912	8.502	ng/ul# 97
50) Acenaphthene	14.13	153	2791012	113.793	ng/ul 99
54) Dibenzofuran	14.47	168	2694169	75.741	ng/ul 96
56) 2,3,4,6-Tetrachlorophenol	14.71	232	34802	5.191	ng/ul 93
59) Fluorene	15.13	166	1713724	59.775	ng/ul 100
69) Pentachlorophenol	16.48	266	71762	12.336	ng/ul# 82
70) Phenanthrene	16.86	178	1330851	27.993	ng/ul 98
72) Anthracene	16.95	178	89884	1.867	ng/ul 95
75) Carbazole	17.24	167	4789415	118.271	ng/ul 98

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

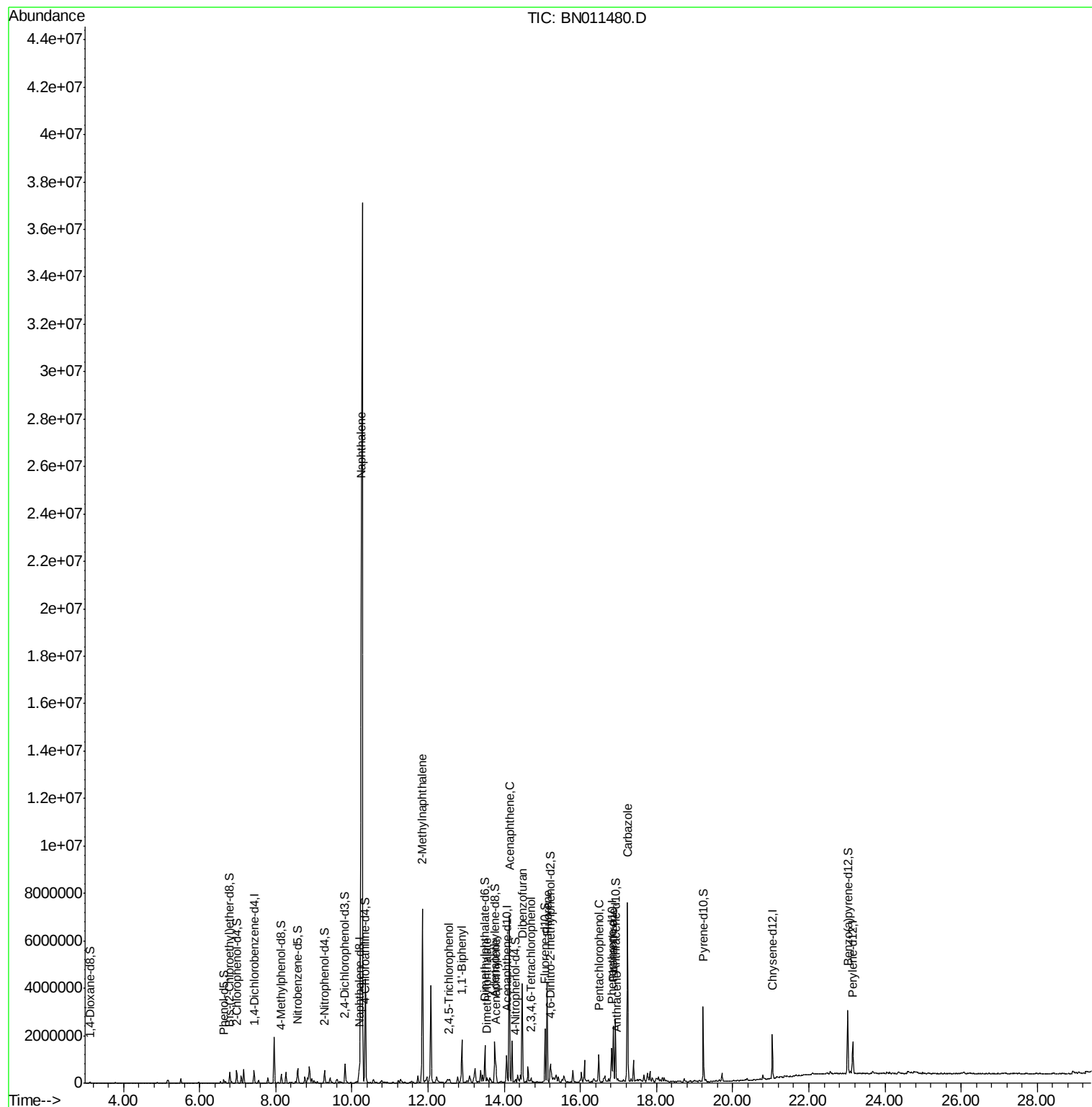
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Data File : BN011480.D
Acq On : 18 Aug 2020 10:17
Operator : CG/JU
Sample : L3668-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

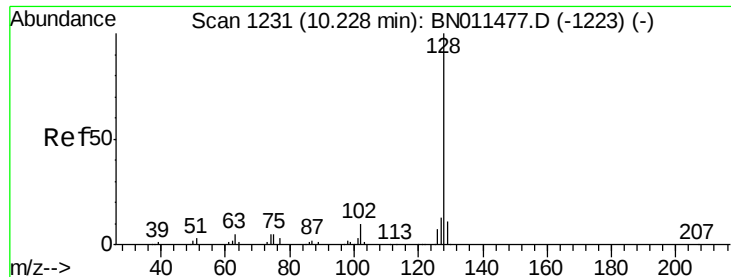
Instrument :
BNA_N
ClientSampleId :
DBFS4

Quant Time: Aug 19 09:30:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 11:09:24 2020
Response via : Initial Calibration

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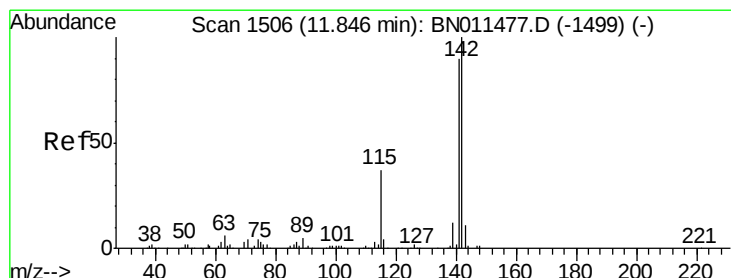
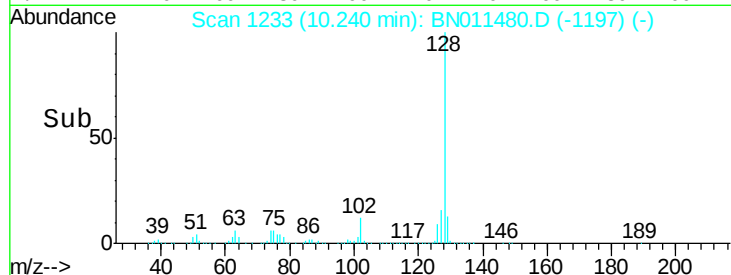
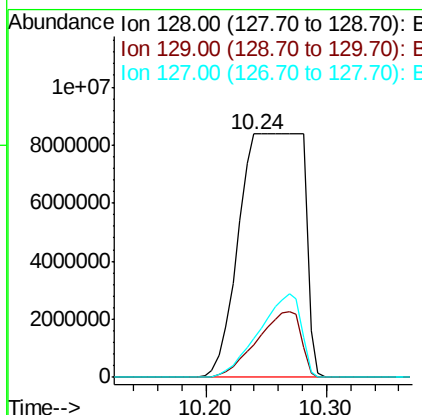
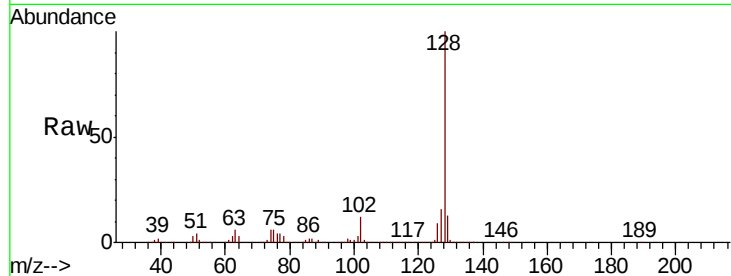
#28
Naphthalene
Concen: 976.335 ng/ul m
RT: 10.24 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Instrument :
BNA_N
ClientSampleId :
DBFS4

Tot Ion:128 Resp:30953541
Ion Ratio Lower Upper
128 100
129 13.5 8.9 13.3#
127 16.2 10.2 15.2#

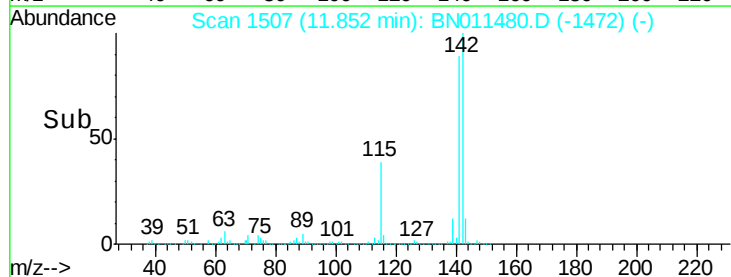
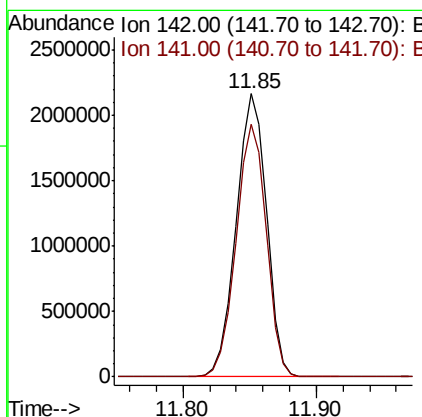
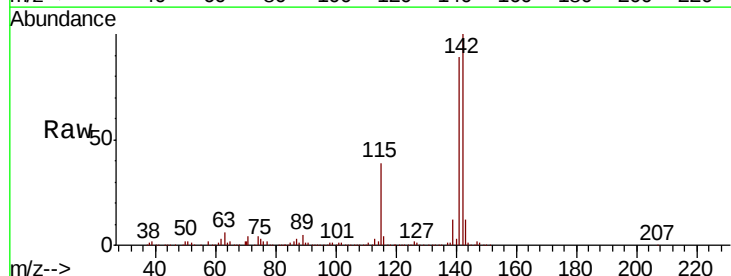
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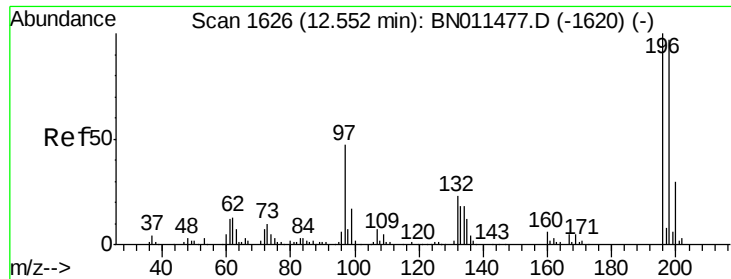
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#34
2-Methylnaphthalene
Concen: 156.562 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Tgt Ion:142 Resp: 3402376
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8





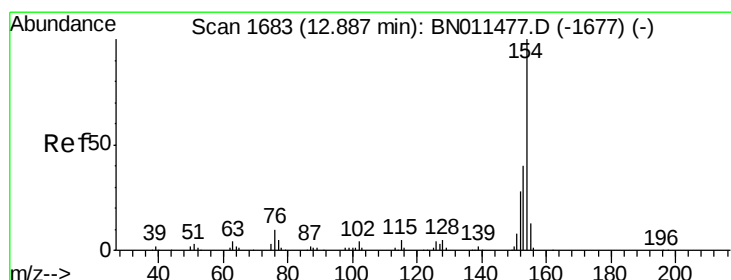
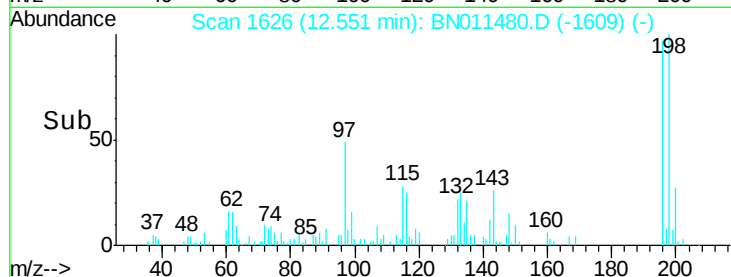
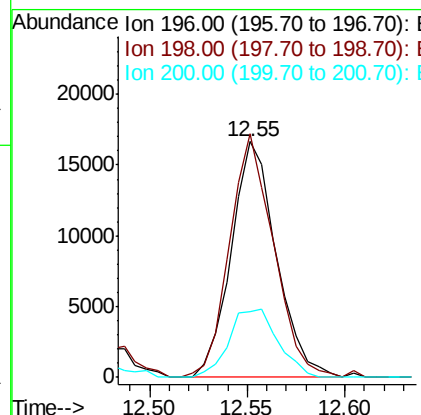
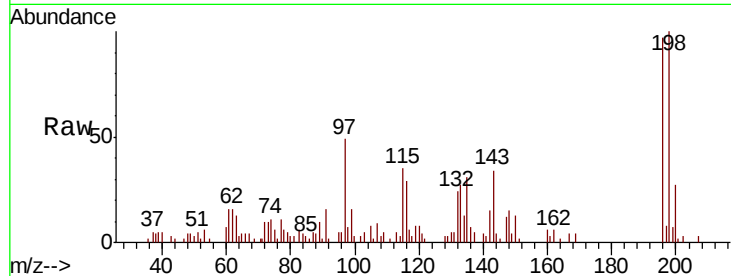
#40
 2,4,5-Trichlorophenol
 Concen: 3.329 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Tot Ion	Ratio	Resp	Lower	Upper
196	100	26733		
198	103.5	74.3	111.5	
200	28.2	23.8	35.6	

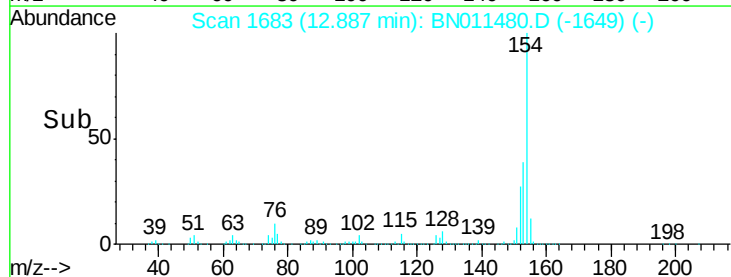
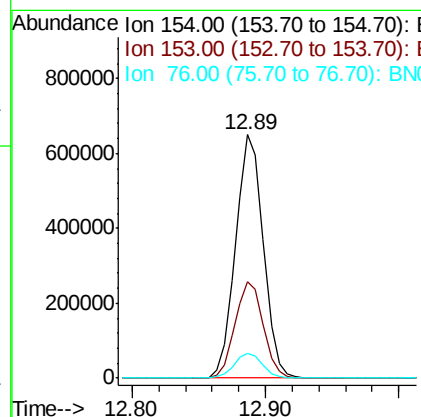
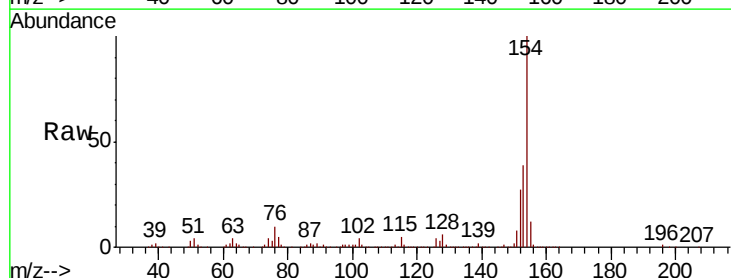
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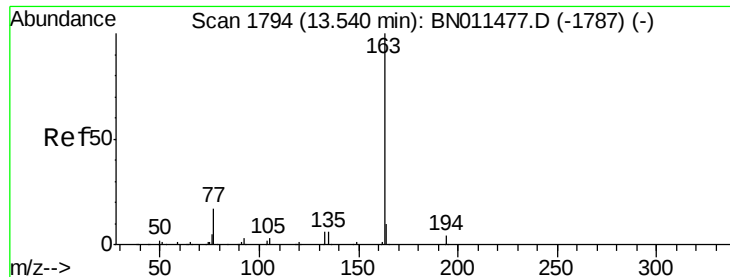
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#41
 1,1'-Biphenyl
 Concen: 32.596 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	944407		
153	39.4	32.3	48.5	
76	10.0	8.5	12.7	





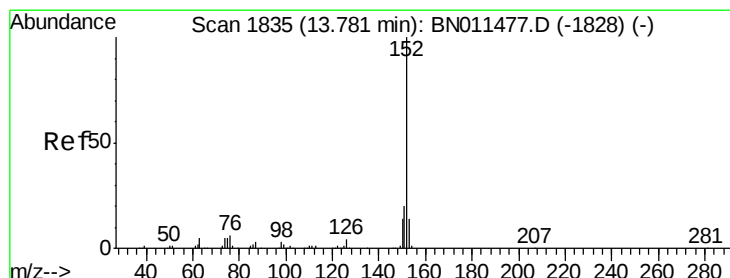
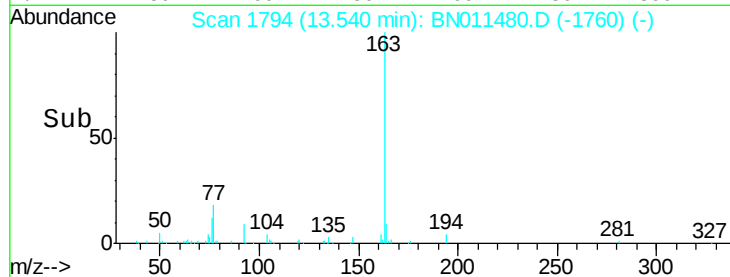
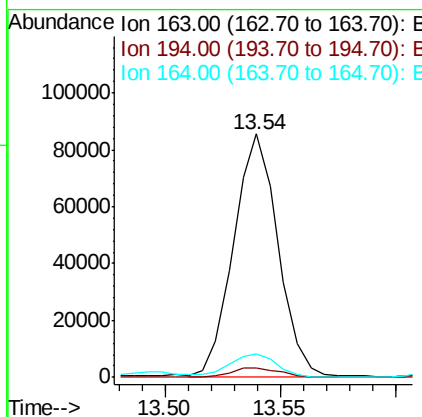
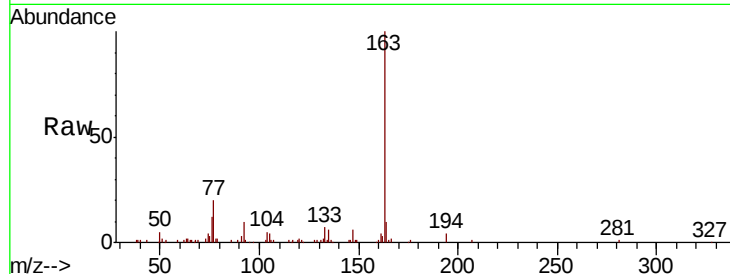
#45
Dimethylphthalate
Concen: 3.955 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Instrument :
BNA_N
ClientSampleId :
DBFS4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		114117		
194	4.1		3.8	5.6	
164	9.8		8.7	13.1	

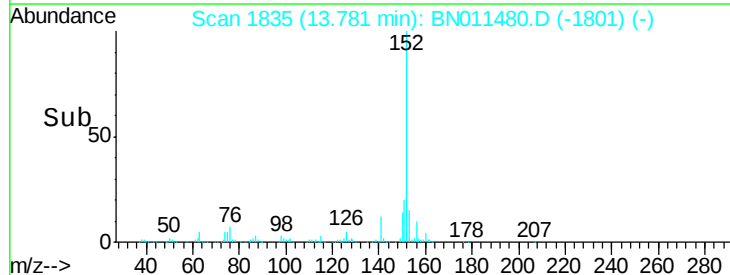
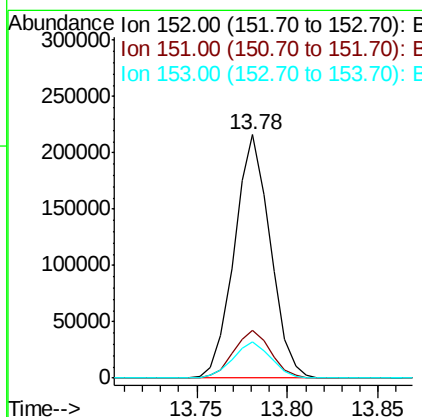
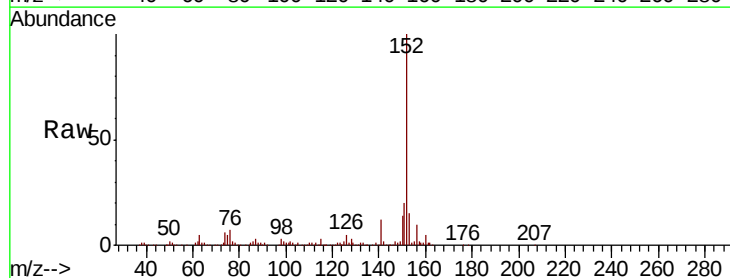
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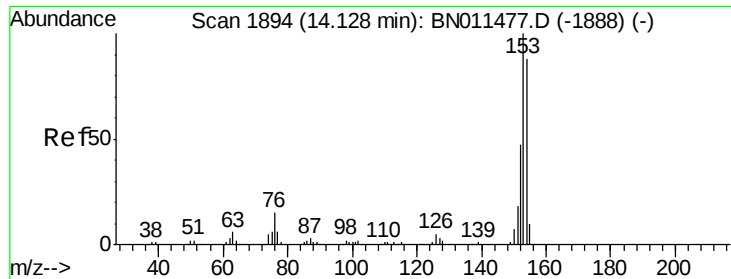
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#48
Acenaphthylene
Concen: 8.502 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		297912		
151	19.6		15.4	23.2	
153	15.0		9.9	14.9	





#50

Acenaphthene

Concen: 113.793 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

Instrument :

BNA_N

ClientSampleId :

DBFS4

Tot Ion:153 Resp: 2791012

Ion Ratio Lower Upper

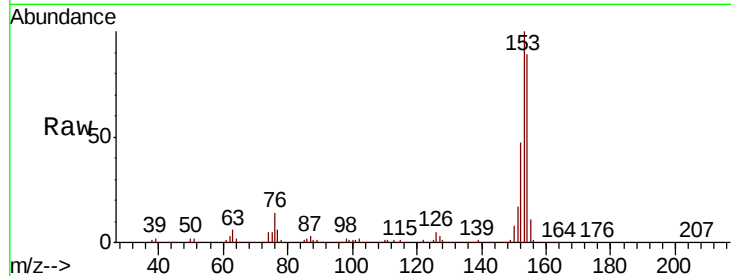
153 100

152 46.7 37.6 56.4

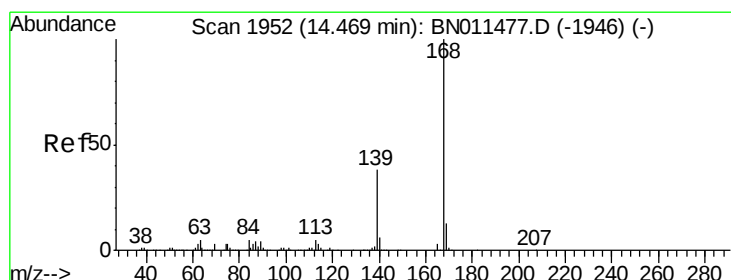
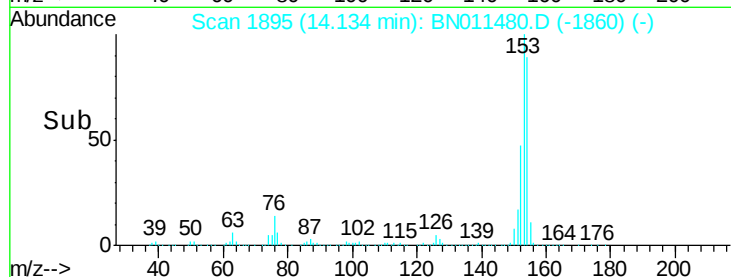
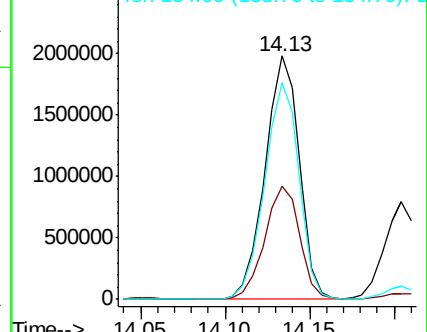
154 88.9 72.0 108.0

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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: 75.741 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BN011480.D

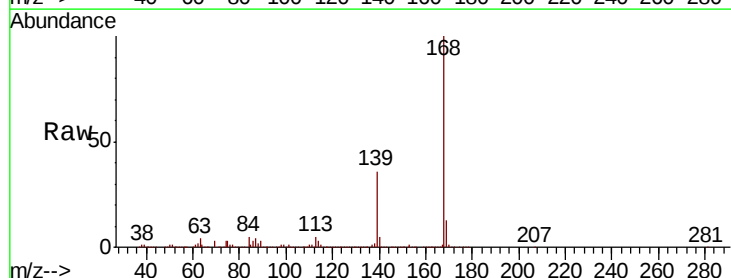
Acq: 18 Aug 2020 10:17

Tgt Ion:168 Resp: 2694169

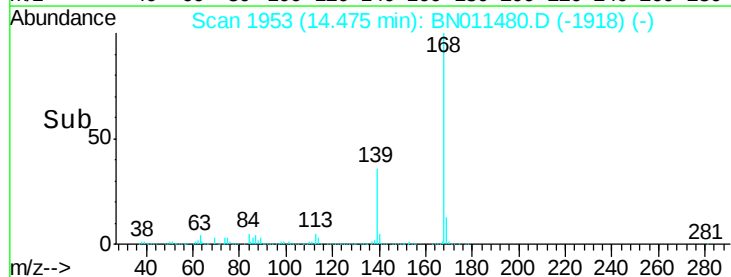
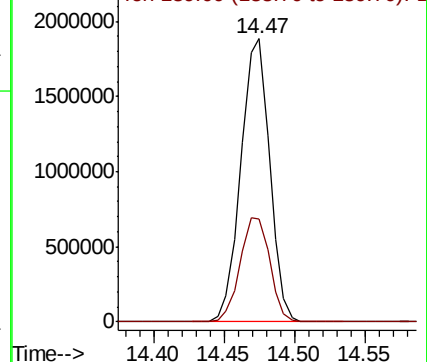
Ion Ratio Lower Upper

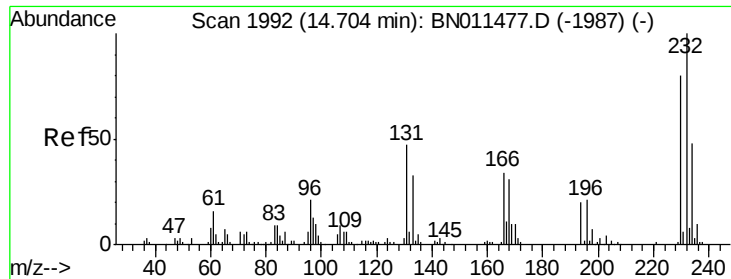
168 100

139 36.2 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





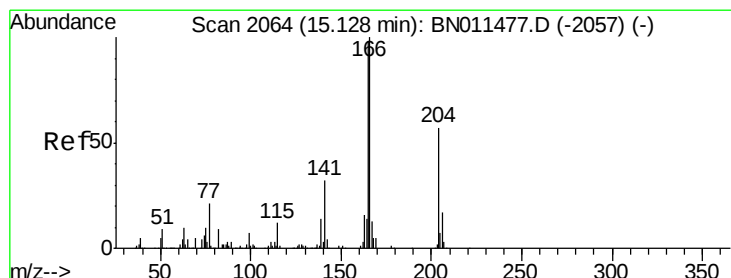
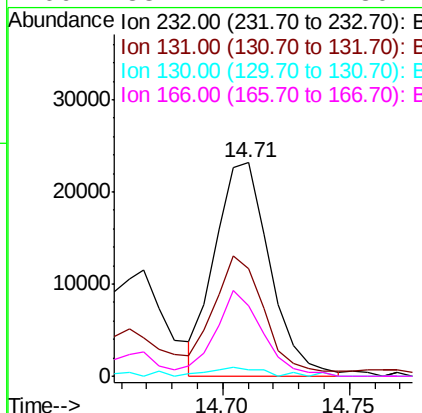
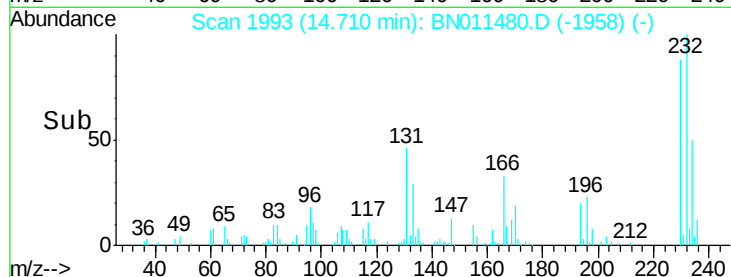
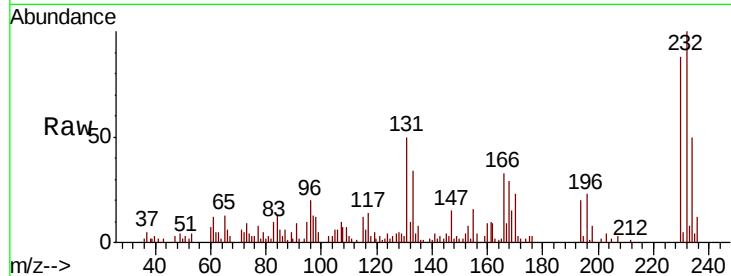
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 5.191 ng/ul
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Tot Ion:	232	Resp:	34802
Ion Ratio	Lower	Upper	
232	100		
131	50.1	35.8	53.6
130	3.2	2.2	3.2
166	33.2	24.1	36.1

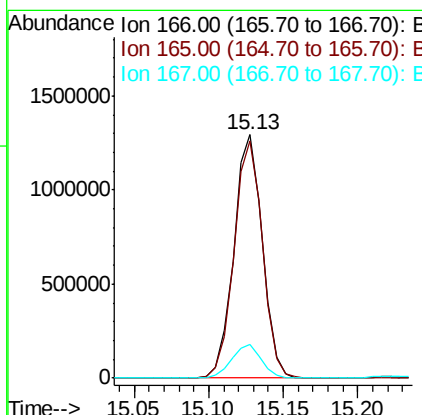
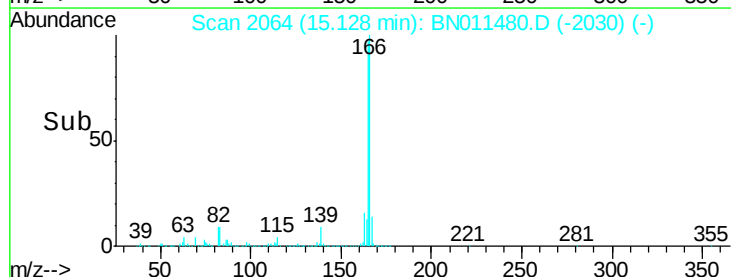
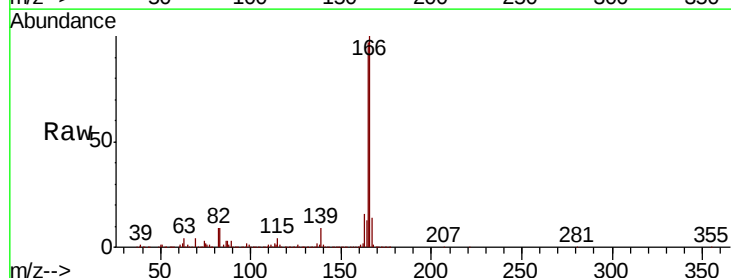
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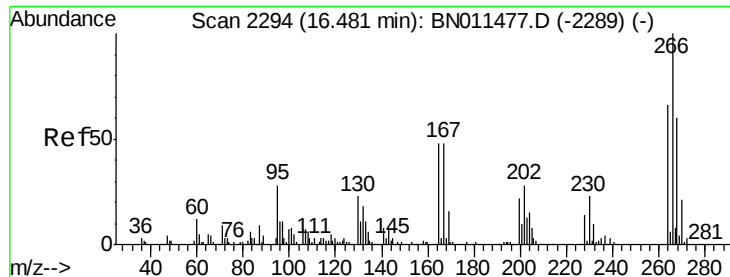
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#59
 Fluorene
 Concen: 59.775 ng/ul
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion:	166	Resp:	1713724
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.0	117.0
167	14.1	11.9	17.9





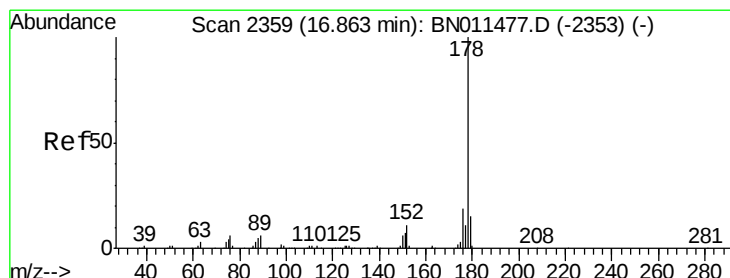
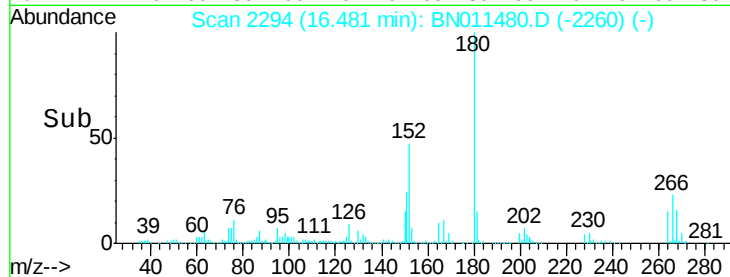
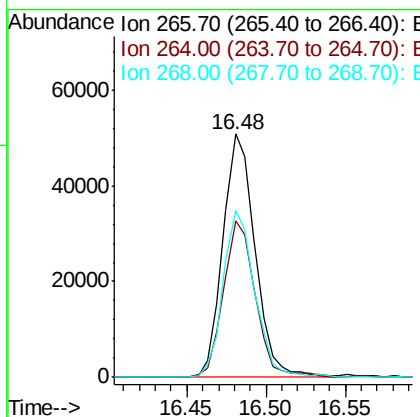
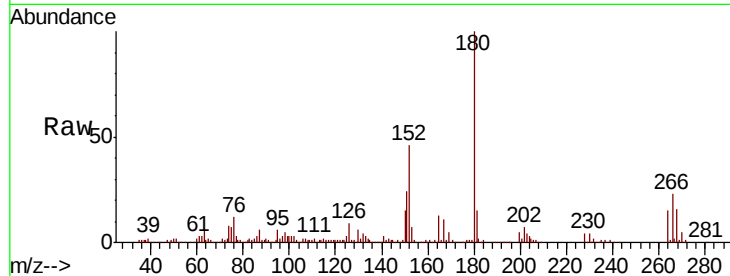
#69
 Pentachlorophenol
 Concen: 12.336 ng/ul
 RT: 16.48 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.4	67.9	101.9#
268	68.6	63.4	95.2

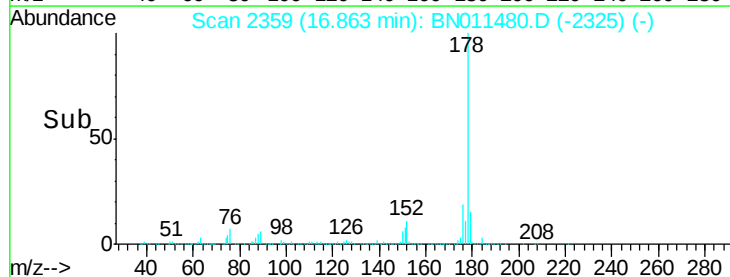
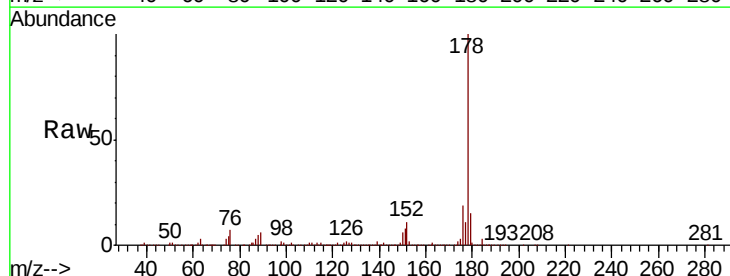
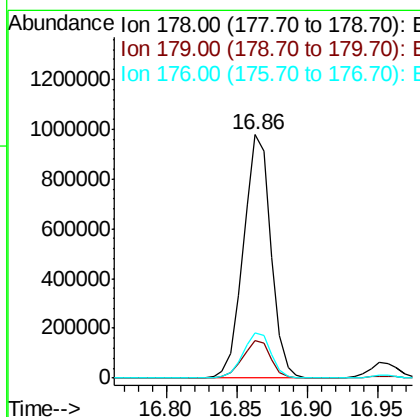
Manual Integrations
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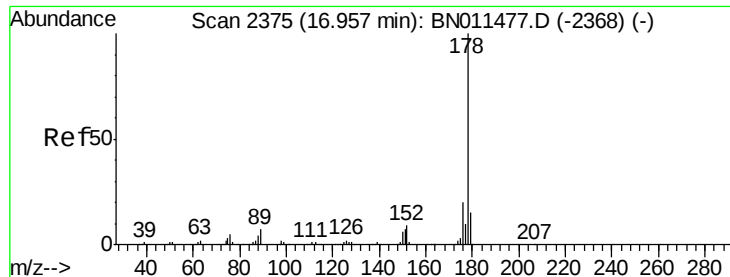
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#70
 Phenanthrene
 Concen: 27.993 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.6	15.7	23.5





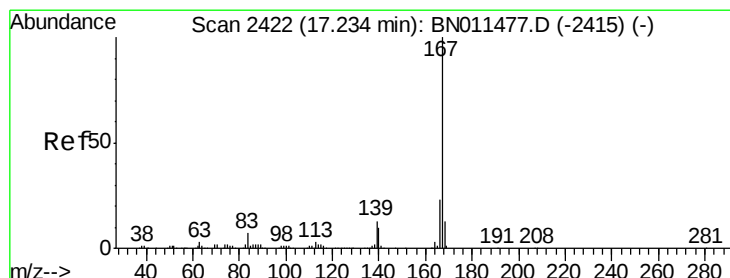
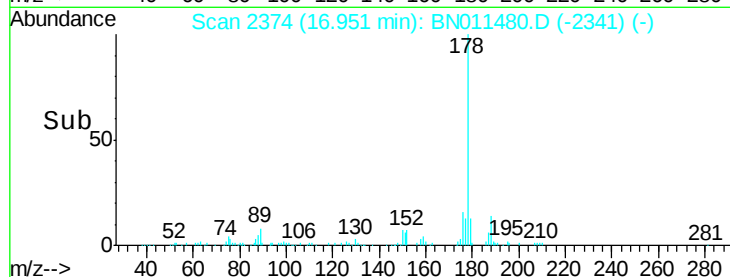
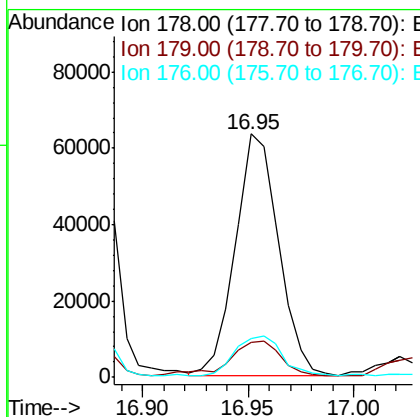
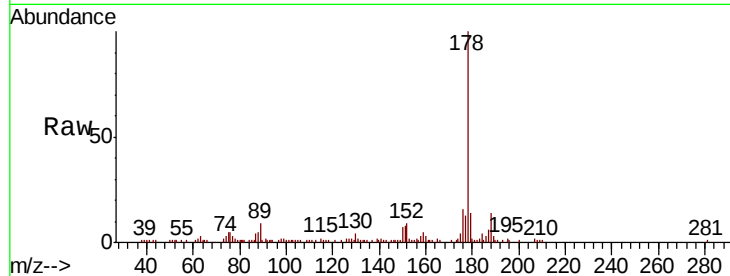
#72
 Anthracene
 Concen: 1.867 ng/ul
 RT: 16.95 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.1	13.0	19.4
176	15.8	14.6	21.8

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:19:42 PM



#75
 Carbazole
 Concen: 118.271 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.01 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.2	25.8
139	13.3	10.2	15.2

