

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015975.D
 Acq On : 19 Aug 2021 17:16
 Operator : CG/JU
 Sample : M3399-08DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKB0DL

Manual Integrations
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Quant Time: Aug 19 18:05:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 19 15:06:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	256021	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1065669	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	691004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1509773	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1584044	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1634146	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	4512	0.686	ng/uL	0.01
4) Pyridine-d5	3.764	84	10341m	0.563	ng/u1	0.03
7) Phenol-d5	7.040	99	6125	0.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	36415	2.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	15584	0.946	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	14442	0.802	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	22277	2.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	9303	1.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	18506	1.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	49545	2.049	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	166295	3.284	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	176914	2.790	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	3692	0.412	ng/u1	0.00
60) Fluorene-d10	15.504	176	144027	3.260	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	302624	37.533	ng/u1	0.01
73) Anthracene-d10	17.357	188	241880	3.418	ng/u1	0.00
81) Pyrene-d10	19.651	212	277396	3.251	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	265276	3.002	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.734	128	15596501	273.261	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	1966904	49.557	ng/u1	99
37) 1-Methylnaphthalene	12.557	142	1097804	27.788	ng/u1	97
42) 2,4,5-Trichlorophenol	13.016	196	67034	5.023	ng/u1	97
43) 1,1'-Biphenyl	13.345	154	422520	7.908	ng/u1	98
50) Acenaphthylene	14.234	152	71898	1.193	ng/u1#	91
52) Acenaphthene	14.575	153	1457671	33.427	ng/u1	96
56) Dibenzofuran	14.910	168	1054497	17.491	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.139	232	45198	4.093	ng/u1#	97
61) Fluorene	15.557	166	685424	13.932	ng/u1	96
71) Pentachlorophenol	16.910	266	1268904	119.467	ng/u1	95
72) Phenanthrene	17.304	178	1082638	13.191	ng/u1	98
77) Carbazole	17.669	167	3394841	46.079	ng/u1	97
80) Fluoranthene	19.322	202	120881	1.171	ng/u1	96

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

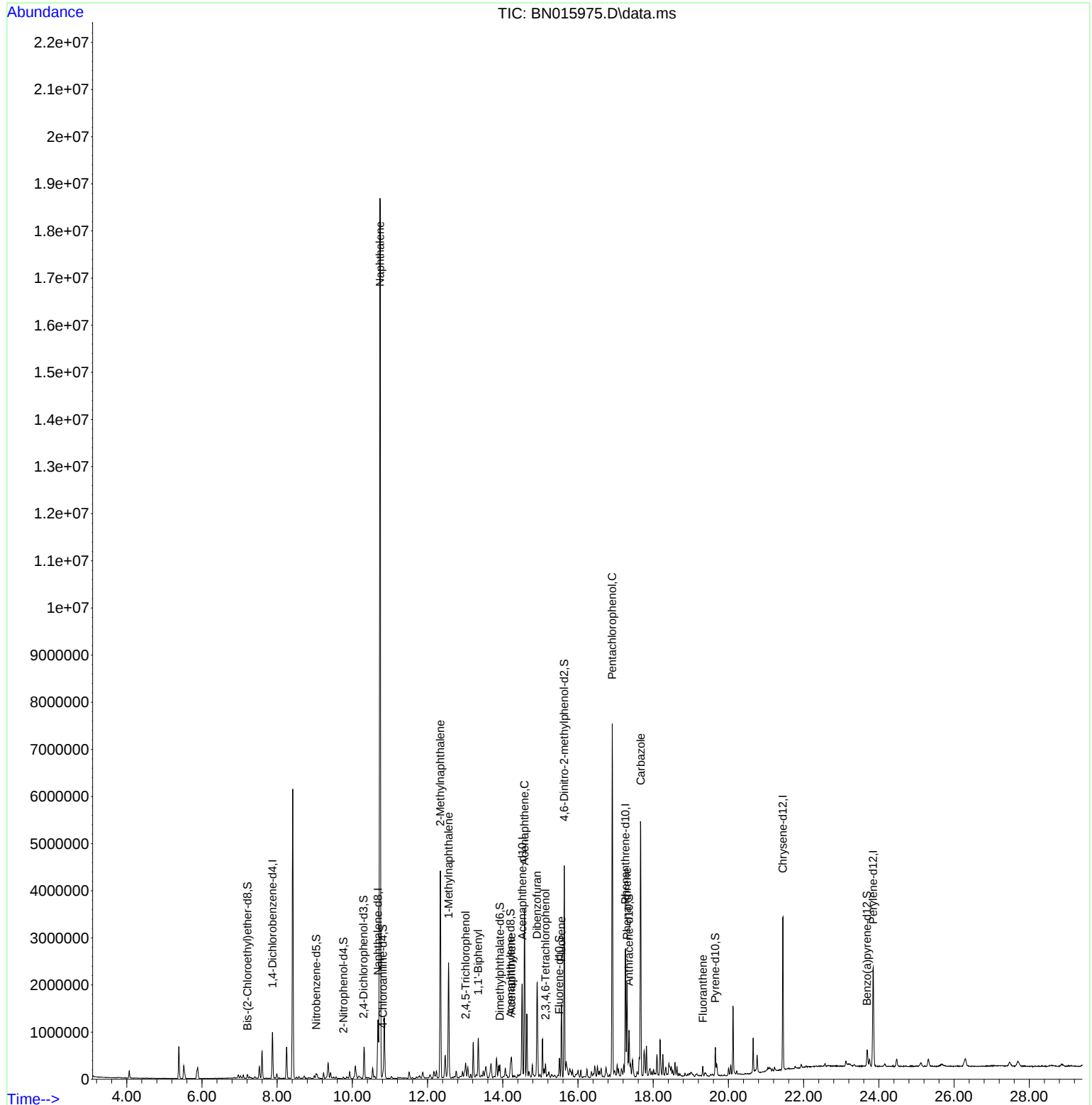
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015975.D
Acq On : 19 Aug 2021 17:16
Operator : CG/JU
Sample : M3399-08DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

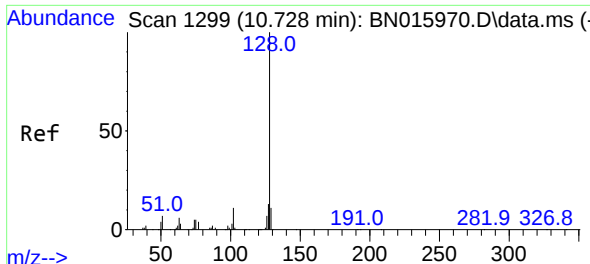
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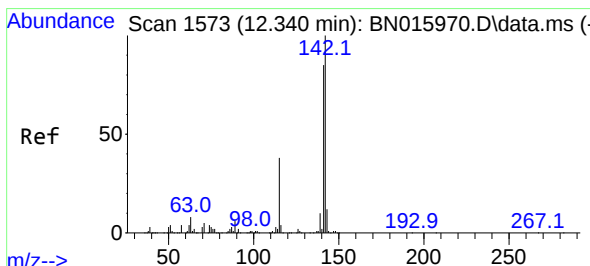
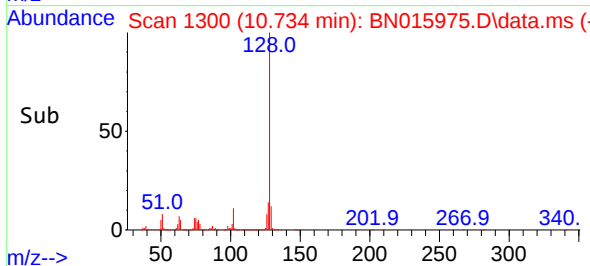
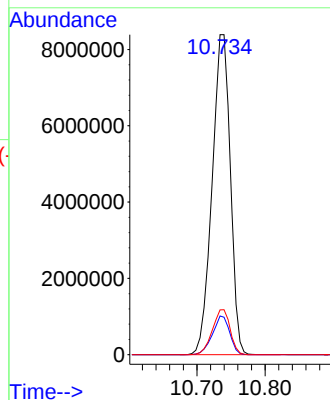
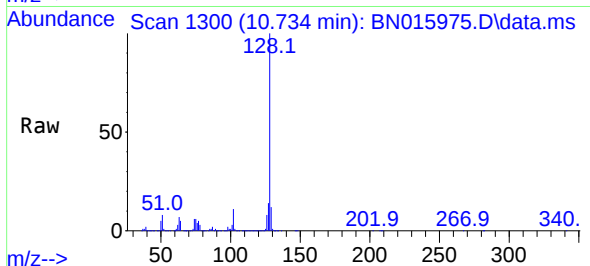
#30
Naphthalene
Concen: 273.261 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

Tgt Ion:128 Resp:15596501
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 14.0 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
DBKB0DL

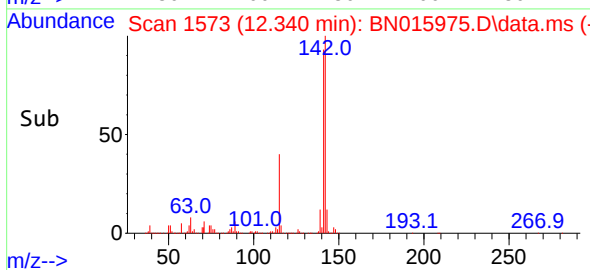
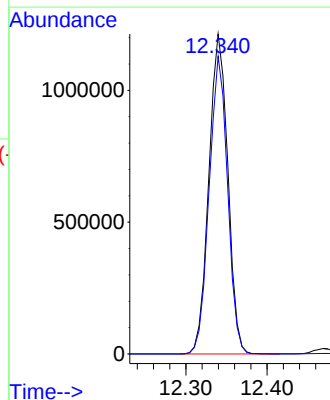
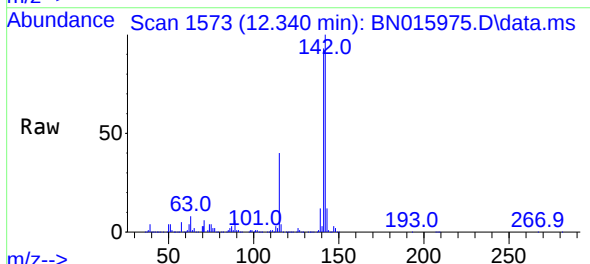
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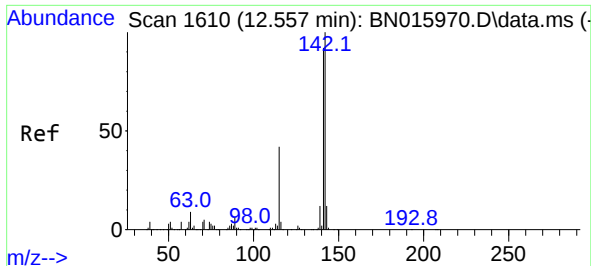
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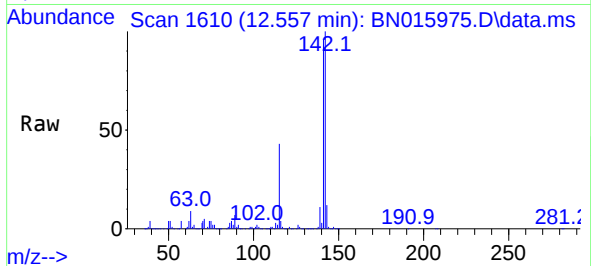
#36
2-Methylnaphthalene
Concen: 49.557 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

Tgt Ion:142 Resp: 1966904
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0



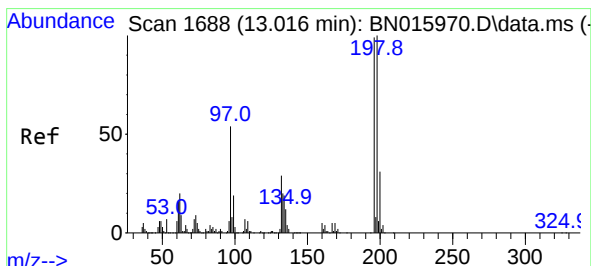
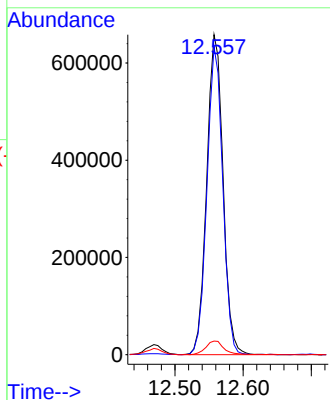
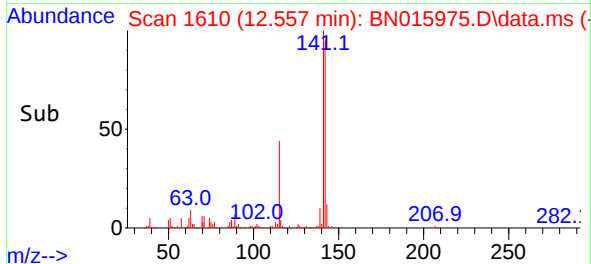


#37
1-Methylnaphthalene
Concen: 27.788 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

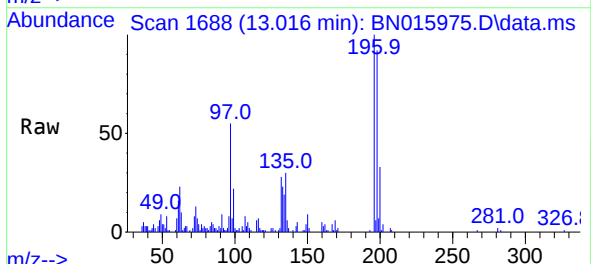


Tgt Ion:142 Resp: 1097804

Ion	Ratio	Lower	Upper
142	100		
141	96.2	74.2	111.4
116	4.2	3.4	5.0

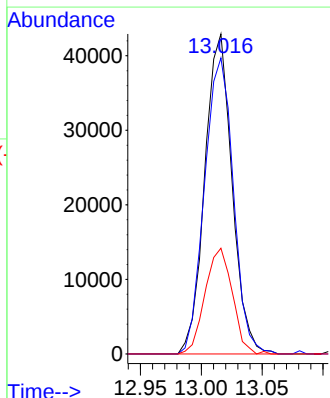
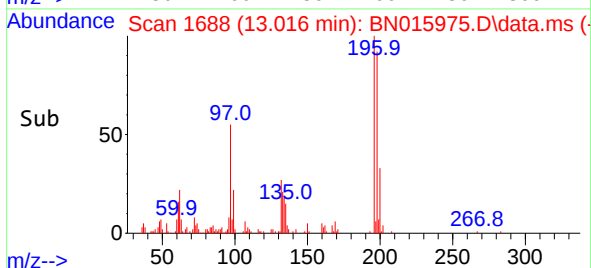


#42
2,4,5-Trichlorophenol
Concen: 5.023 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16



Tgt Ion:196 Resp: 67034

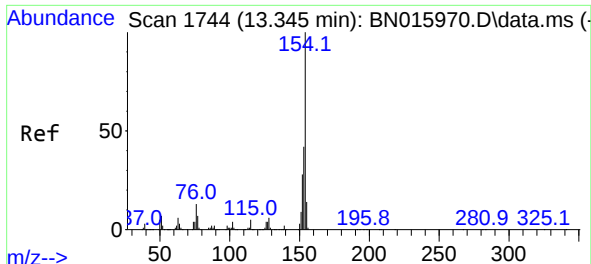
Ion	Ratio	Lower	Upper
196	100		
198	92.5	76.5	114.7
200	33.0	24.6	37.0



Instrument :
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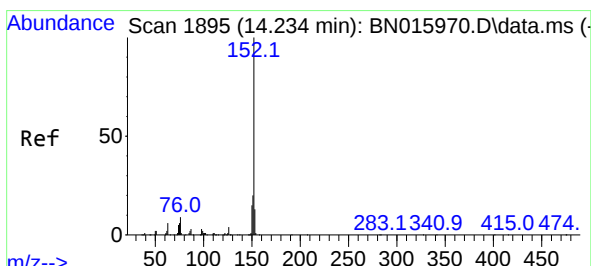
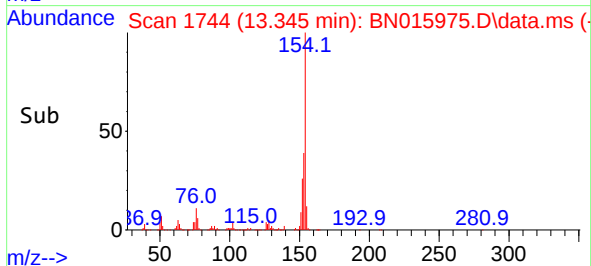
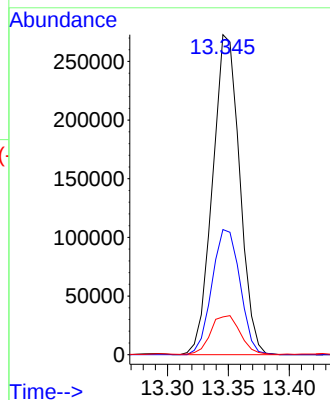
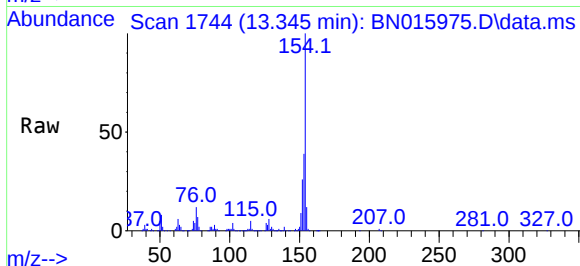
#43
1,1'-Biphenyl
Concen: 7.908 ng/ul
RT: 13.345 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

Tgt Ion:154 Resp: 422520
Ion Ratio Lower Upper
154 100
153 39.1 32.1 48.1
76 11.8 11.0 16.6

Instrument :
BNA_N
ClientSampleId :
DBKB0DL

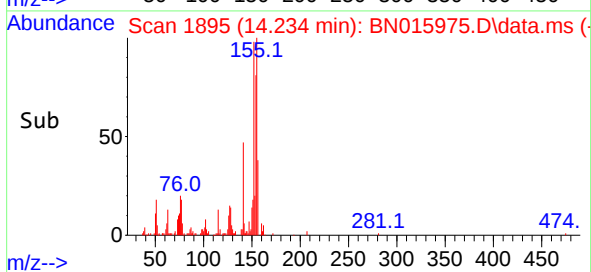
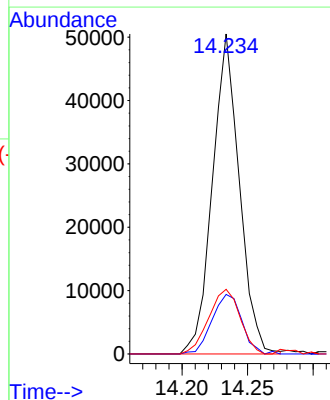
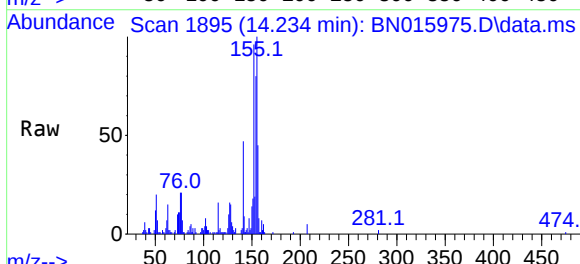
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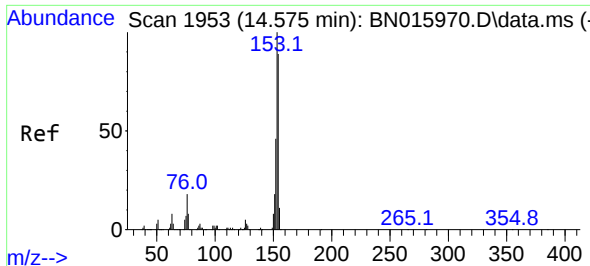
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#50
Acenaphthylene
Concen: 1.193 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

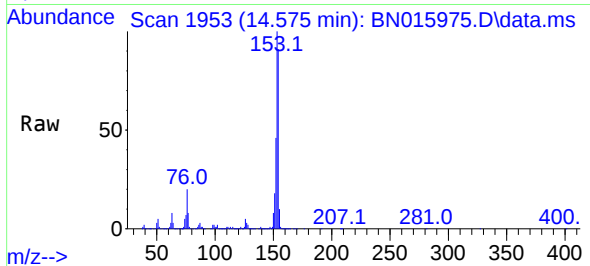
Tgt Ion:152 Resp: 71898
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 20.2 10.3 15.5#





#52
Acenaphthene
Concen: 33.427 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

Instrument :
BNA_N
ClientSampleID :
DBKB0DL

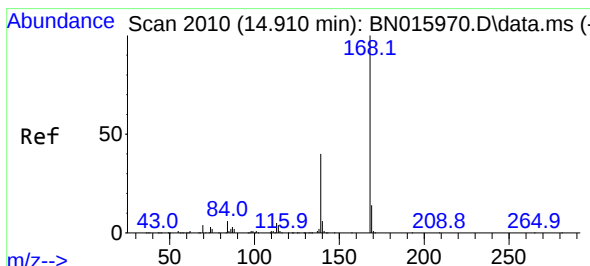
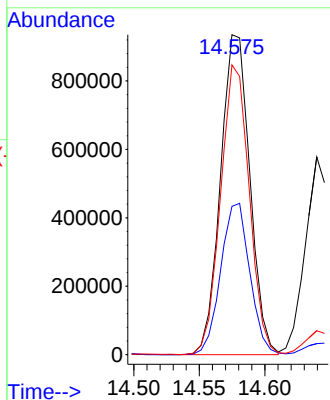
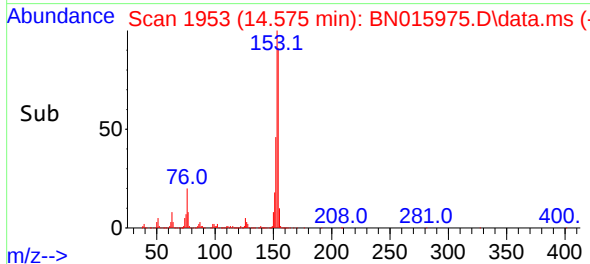


Tgt Ion:153 Resp: 1457671

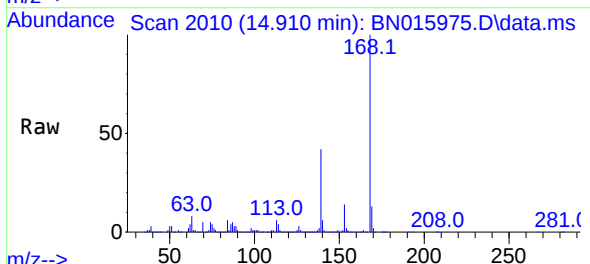
Ion	Ratio	Lower	Upper
153	100		
152	46.4	38.6	57.8
154	90.6	69.3	103.9

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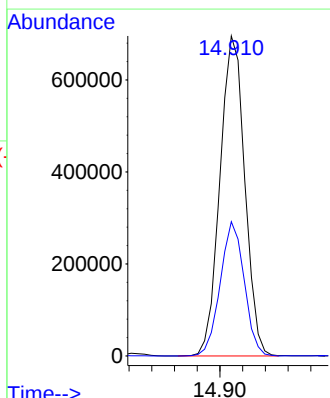
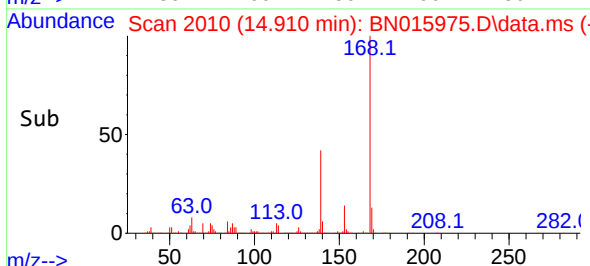


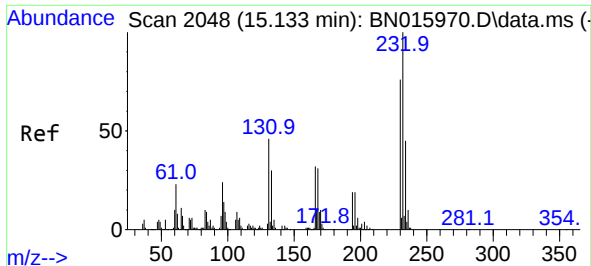
#56
Dibenzofuran
Concen: 17.491 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16



Tgt Ion:168 Resp: 1054497

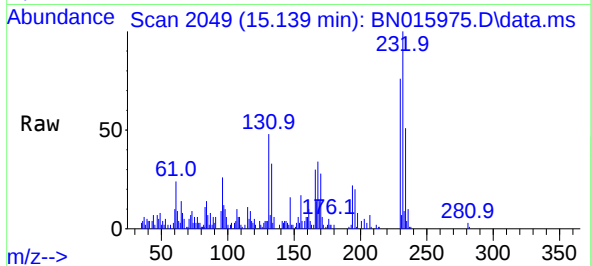
Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.8	47.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.093 ng/ul
RT: 15.139 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

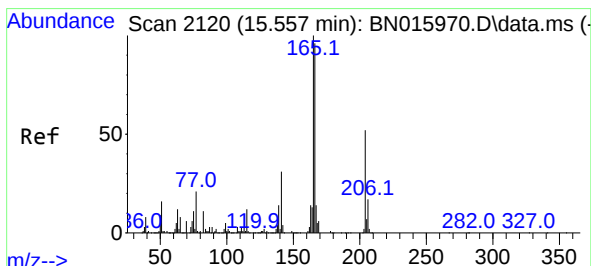
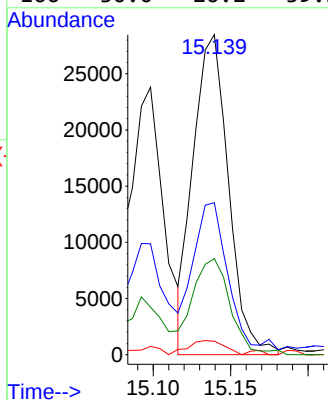
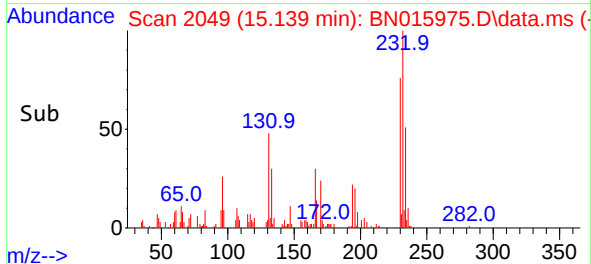
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ClientSampleId :
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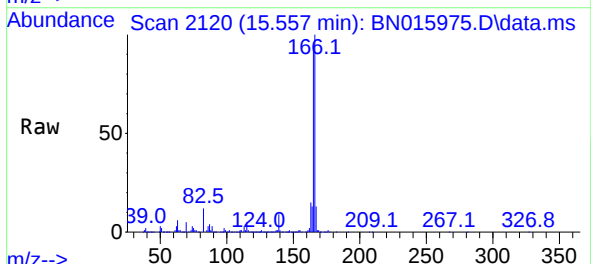
Tgt Ion:232 Resp: 45198
Ion Ratio Lower Upper
232 100
131 47.5 37.5 56.3
130 4.2 2.2 3.4#
166 30.0 26.2 39.2

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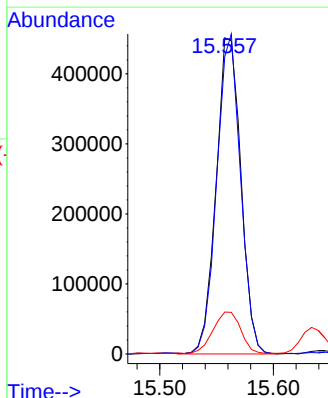
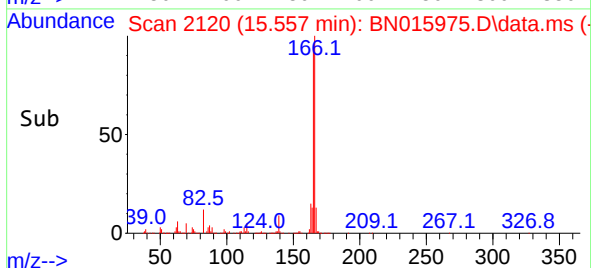
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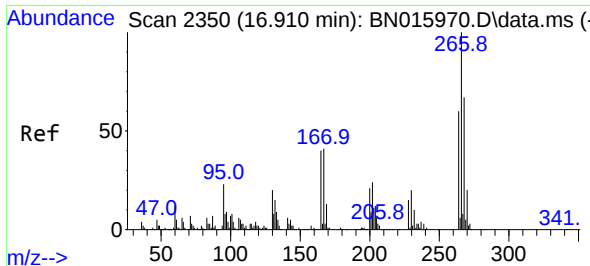


#61
Fluorene
Concen: 13.932 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16



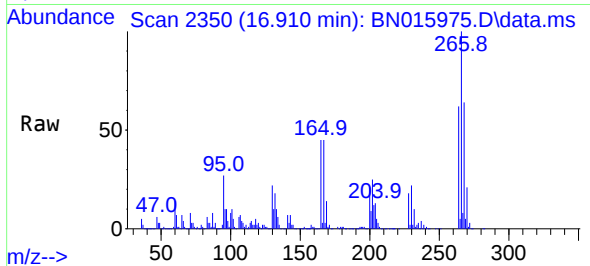
Tgt Ion:166 Resp: 685424
Ion Ratio Lower Upper
166 100
165 94.1 78.4 117.6
167 13.3 10.8 16.2





#71
Pentachlorophenol
Concen: 119.467 ng/ul
RT: 16.910 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16

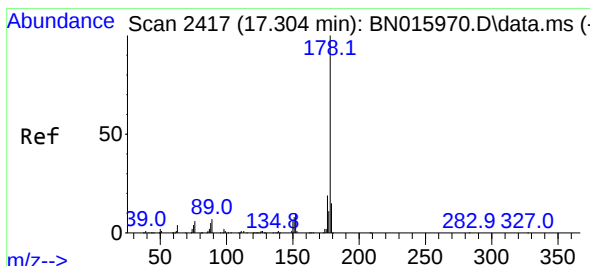
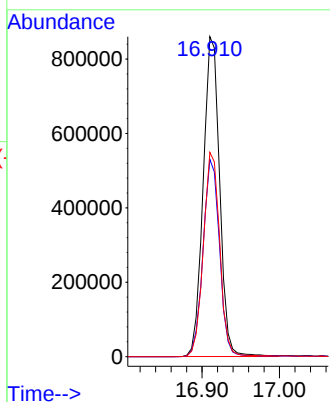
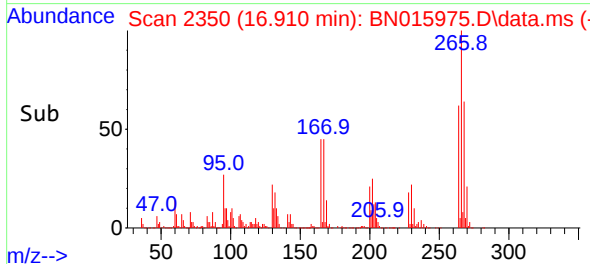
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BNA_N
ClientSampleID :
DBKB0DL



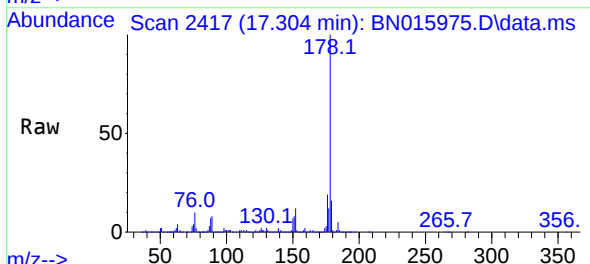
Tgt Ion:266 Resp: 1268904
Ion Ratio Lower Upper
266 100
264 61.7 53.8 80.6
268 63.8 52.7 79.1

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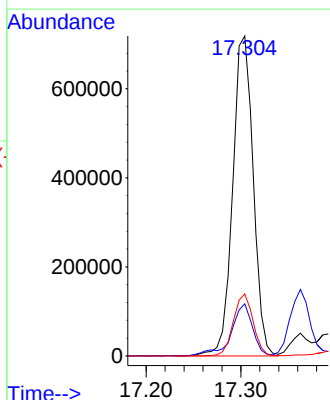
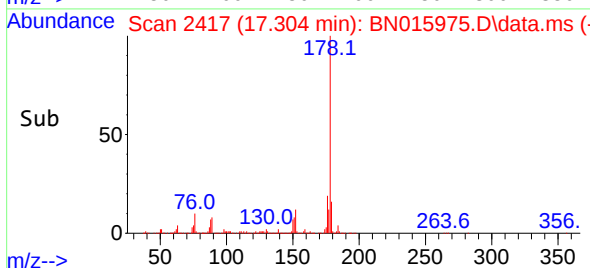
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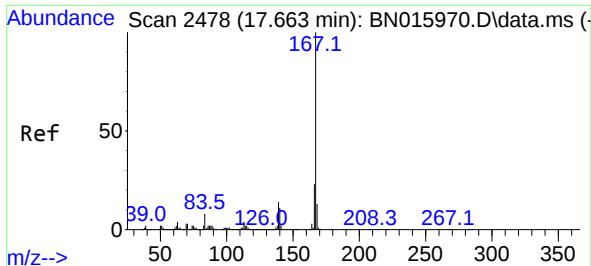


#72
Phenanthrene
Concen: 13.191 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN015975.D
Acq: 19 Aug 2021 17:16



Tgt Ion:178 Resp: 1082638
Ion Ratio Lower Upper
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179 16.3 12.5 18.7
176 19.4 14.6 21.8





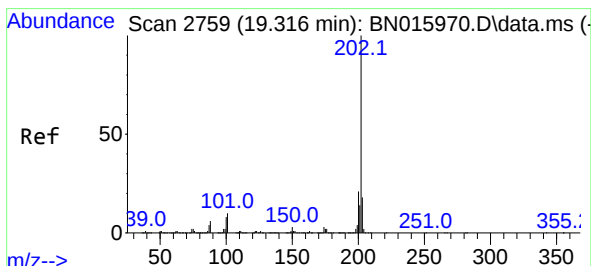
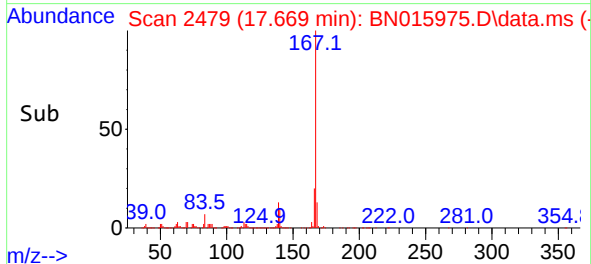
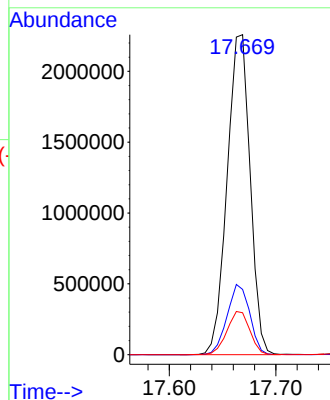
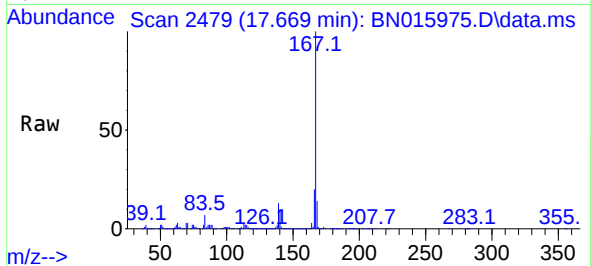
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 Carbazole
 Concen: 46.079 ng/ul
 RT: 17.669 min Scan# 2479
 Delta R.T. 0.006 min
 Lab File: BN015975.D
 Acq: 19 Aug 2021 17:16

Tgt Ion:167 Resp: 3394841
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.1 25.7
 139 13.1 11.6 17.4

Instrument :
 BNA_N
 ClientSampleId :
 DBKB0DL

Manual Integrations
 APPROVED

mohammad
 8/20/2021 2:22:24 PM



#80
 Fluoranthene
 Concen: 1.171 ng/ul
 RT: 19.322 min Scan# 2760
 Delta R.T. 0.006 min
 Lab File: BN015975.D
 Acq: 19 Aug 2021 17:16

Tgt Ion:202 Resp: 120881
 Ion Ratio Lower Upper
 202 100
 101 8.7 8.0 12.0
 100 7.1 6.7 10.1

